

The Center

The Top American Research Universities

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Introduction

The task of building and sustaining an American research university challenges every member of the institution's extended community. Progress in this permanent quest requires enthusiasm, commitment, talent, and resources, but it also requires reliable comparative data. The task for universities is to improve – not only measured by what they did last year or the year before but also in comparison to what their counterparts and competitors have accomplished. Reference points for comparative success serve the utilitarian purpose of measuring progress.

The Top American Research Universities annual report charts the comparative performance of institutions, reflecting our conviction that research university success comes from effectively investing in and managing individual institutions. American universities exist in many different bureaucratic arrangements, and public universities in particular often form parts of complex statewide system structures. Nonetheless, the key decisions about faculty and students that produce successful research universities take place primarily at the campus level. For that reason, this publication focuses on the performance of individual campuses, rather than systems, and adjusts the data to reflect the performance of each campus within a system.

The Top American Research Universities also presents a categorization of research universities into groups based on their performance on nine measures, as described in the text and in the introduction to the tables. Institutions in the top group rank among the top 25 on all nine of the measures; in the second group they rank in the top 25 on eight measures; and so on. We similarly categorize universities that rank among the top 26 to 50 on at least one of the nine measures. This method does not produce a single ranked list; instead, it reflects our observation that the difference separating these top universities is not sufficiently great to justify making a single, rank-ordered list.

We think that the very best universities compete at top levels on most everything they do. Others compete well on some measures but not as well on others. *TheCenter*-defined groups identify clusters of institutions with roughly comparable performance on a variety of measures.

This third edition continues the practice – begun with the report's second edition – of highlighting the national competition among universities in *The Top American Research University* tables, although we also include the tables for the Top Private and Top Public institutions separately, as in the previous reports. This focus on the national rankings recognizes that the

competition for high-quality faculty and students is primarily a single competition in which both public and private universities participate, regardless of their control or ownership. A university's private or public ownership (or control) influences some institutional characteristics that bear on its competitiveness within the national context, rather than creating independent competitive contexts.

In addition to the rankings tables, this edition of *The Top American Research Universities* continues the practice begun last year of presenting data for all major research universities, defined by *TheCenter* as those having more than \$20 million in federal research expenditures. These tables include the nine indicators used to determine *The Top American Research Universities*, as well as a variety of institutional characteristics that may be of interest to many observers. This year we have expanded the scope of these tables to include non-federal research expenditures, total research expenditures by major discipline, and more trend data. We also include data on the top 200 institutions for each measure used in constructing our categories.

Each university, however, exists within a unique context and has different interests in data such as these. For this reason, *TheCenter* provides all of the data in this publication as well as additional tables of related information on its web site [<http://thecenter.ufl.edu>] in two formats. This publication, in its entirety, appears as a [PDF](#) file, available for downloading and printing. All of the data tables presented in this report also appear on the web site in Microsoft Excel format suitable for downloading and further analysis. In addition, the web-based tables include data and institutional characteristics for the approximately 600 universities and colleges with any federal research since 1990 (versus the over-\$20-million group presented here). *TheCenter* web site also provides a variety of other information, including an extensive bibliography.

In the text of *The Top American Research Universities*, we build on the description of the quality engine model for research universities presented in last year's report to address two additional issues.

Research universities must improve, not only measured by what they did last year but also in comparison to their counterparts and competitors.

The first is an examination of the organizational structure of American research universities with particular emphasis on public universities and their systems. This topic follows from our observation that research universities compete in the same markets, whatever their formal organizational structure. Our goal is to explore the relationship of different organizational models on the performance of research universities, and the discussion that follows offers an approach to this analysis. This review of university organizational models supports a hypothesis that differences in formal organizational structure do not satisfactorily explain differences in research university performance.

The ability of a research university to acquire resources, we believe, provides a better indicator of research university success. While the data to test such a hypothesis prove challenging to collect, we experimented with an endowment-equivalent indicator of university resources that allows preliminary exploration of the relationship between a research university's resources and its competitive success that encompasses all institutions, public or private.

This initial exploration offers support for this approach, and we expect that improved data made available in future years – thanks to changes in accounting

standards for public universities – will allow more comprehensive exploration of the relationship between resources and research university performance.

In developing this third edition of *The Top American Research Universities*, we continued to benefit greatly from many suggestions from our colleagues, but special thanks go to the members of our Advisory Board, listed on the inside back cover. Their observations, suggestions, and critique help us immeasurably.

The work reflected in this publication draws on the exceptional support of Ms. Lynne Collis, who manages *The Center's* administrative services. Without her expertise, dedication, and initiative, this publication would not have appeared. The authors also thank Mr. Ralph Horky for his insight and expert contributions to this project and Ms. Anney Doucette for her careful work with many aspects of the data collection and verification. Last, we posthumously recognize our colleague, Dr. Barbara Roth, for her valuable contributions to this publication.

The Top American Research Universities is a project made possible through the generosity of Mr. Lewis M. Schott in establishing The Lombardi Program on Measuring University Performance. The authors greatly appreciate his confidence and support.

University Governance and Organization

Research universities live in complex contexts, compete in many different marketplaces, and perform a bewildering array of highly sophisticated services for many diverse constituencies. Although research universities focus their efforts primarily on the key dimensions of teaching and research, they engage in a wide range of additional activities derived from the expertise and resources accumulated in support of teaching and research. With the dramatic expansion of higher education, and particularly public higher education, in the post World War II years and then again in the 1960s, institutions became much more complex and the organization of their governance became an evermore popular topic, especially among political leadership in the various states. Public university governance and organization, a topic for scholarly interest since the pre-war years of the 1930s, became a major concern in most states throughout the last half of the twentieth century and continues to preoccupy institutions, their governance boards, and their political supporters into the early years of this century.

Definitions

In the discussion of university governance and organization, as is often the case with other university-related topics, we immediately encounter a series of ambiguous terms. American universities have a remarkably imprecise vocabulary to describe their activities. Take the word “university.” While everyone agrees this refers to an institution of post-secondary education, the range of such institutions that use this term is large. Small private and public institutions with modest to almost invisible graduate programs and a narrow range of disciplines as well as major research universities with extensive graduate and professional programs and an extended array of disciplines all carry the same name: University.

Further complicating the nomenclature, we have the terms “school” and “college.” Sometimes context makes the definition clear: “The engineering college prospered.” In other situations, context is ambiguous: “My daughter visited five colleges before deciding on Stanford.” We do not know from this statement whether the daughter visited Oberlin, Pomona, Smith, Amherst, and Stanford or visited Michigan, Berkeley, Minnesota, Illinois, and Stanford before choosing Stanford. “College,” like “university,” refers not only to institutions large and small – all of which offer undergraduate degrees from the AA to the BA or BS but also

to subdivisions of the university like journalism or business. “School” is equally ambiguous. While almost no one, in formal contexts, refers to a college or university as a “school,” students frequently use the word “school” to refer to their university. “What do you think of the school so far?” the junior will ask the freshman at a university event. “We have great school spirit among the students,” says another. In this context, clearly “school” is equivalent to the institution – whether university or college – even though in organizational terms universities use the name “college” or “school” for academic subdivisions.

The academic meaning of these terms also varies from institution to institution. Some have only schools (medicine, engineering, music) such as Johns Hopkins. Some have only colleges of medicine, engineering, or fine arts. In some institutions, the school distinction is reserved for the non-arts and sciences units, and arts and sciences units carry the title of college (Indiana University Bloomington). Finally, in some institutions a college is a larger academic administrative unit under which schools may exist (a college of fine arts with its school of music and school of art).

Equal variety attends the designation of campus officers above the level of dean. Presidents, chancellors, provosts, executive vice presidents, deputy chancellors, and other titles serve purposes of significance to local participants in the institutional culture. In some institutional settings the president presides over the system and chancellors preside over the individual institutions; in others the chancellor serves the system as chief executive and the presidents serve the universities. Most private universities have presidents as chief executive officers, but some have chancellors. Second-order administrators take the title from their superiors; so vice presidents serve presidents, and vice chancellors serve chancellors. When institutions and their systems become complex, universities identify intermediaries in their hierarchies and titles such as provost or deputy chancellor or executive vice president appear with responsibilities greater than a vice president or vice chancellor but less than a president or chancellor.

American universities have a remarkably imprecise vocabulary to describe their activities.

The title of provost confuses those outside the academic environment, and most provosts carry the additional title of vice president for academic affairs. If the message that the title “provost” makes a vice president first among vice presidents is insufficient, some acquire the additional honorific of senior vice president for academic affairs to add weight to the title of provost. In some places, where the administrative functions of finance and business operations hold great institutional significance, such an officer may also be a senior vice president, although whether that trumps a provost or executive vice president is mostly a function of institutional tradition.

A “campus” is an important concept in most universities. The campus defines geography, a location that in some original sense represented the institution. When colleges and universities were small and self-contained, the notion of college and campus coincided. With the advent of large single institutions, remote branch locations, and multiple-institution university systems, the precision of the concept of campus coinciding with university blurred. Many large universities have separate campuses in the same city, sometimes physically connected sometimes not. University at Buffalo, for example, has two campuses separated by three miles. Even when the physical space of the university is contiguous, such as the University of Michigan at Ann Arbor, people speak of the medical campus, the north campus, the south campus, and the central campus. The archetypical small college remains, however, embedded in our imaginations. Many observers still use the term “campus” to refer to a university that may have two or more distinguishable physical locations where it delivers its programs.

If the definitions used for single institutions are difficult, imagine the naming challenge for systems, groupings of institutions in the complex governance organizations discussed here. Although, for various political and administrative reasons, systems of institutions choose different naming conventions, we treat all of them as systems. Sometimes, as is the case of the University of California and other similarly constituted systems, the rhetorical language implies one university existing in many different locations. This concept has some validity related to the formal authority of the system, but in practice individual campus-based institutions within the system function in ways that mimic single campus research universities. The key participants for research universities – faculty and students – live and work primarily in one place and their academic lives and accomplishments revolve around mostly place-bound resources and activities.

In research university contexts, the campus location also identifies the universe of individuals who participate in decisions about the quality of research and the content of the teaching program. Recruitment of faculty and students and promotion and tenure decisions about faculty usually reflect primarily place-specific criteria, even when the system is styled as a single university with multiple campuses. Students and faculty make choices related to campus location, not system designation. In California or Massachusetts, a student or faculty member affiliates with Berkeley or UMass Amherst, not with the University of California or the University of Massachusetts writ large, even though systems have their own characteristics that may enhance or detract from the desirability of campuses. Some university systems seek to present themselves as a single university with multiple locations as a way to show the system’s assets as a single large resource rather than as the disaggregated and less impressive subtotals of the individual campuses. Some systems also promote the notion of a single university for statewide political purposes or in marketing their programs internationally.

Another distinction involves the branch campus. While university systems may coordinate or govern multiple university campuses with relatively autonomous academic decision-making authority, many individual institutions (standing alone or within systems) also have branch campuses. Branch campuses generally depend heavily on the parent campus for academic direction, usually do not have autonomous academic personnel decision-making authority for promotion and tenure, and often provide only a subset of the full curriculum offered by the parent.

In our work here and for the purposes of understanding research universities, we use the term “university” to apply to a single campus-based institution that has substantially independent academic decision-making authority and admits students primarily with reference to local standards. These campuses hire, promote, and tenure faculty through processes that substantially rely on locally referenced campus standards and usually have tenure defined by specific campus location. We use the term “system” to apply to governance organizations of many types that collect these university campuses into organizational and managerial constructs of greater or lesser complexity and integration. Systems rarely combine campus-based research institutions into a single functioning university entity although a few systems share some academic units across several institutions.

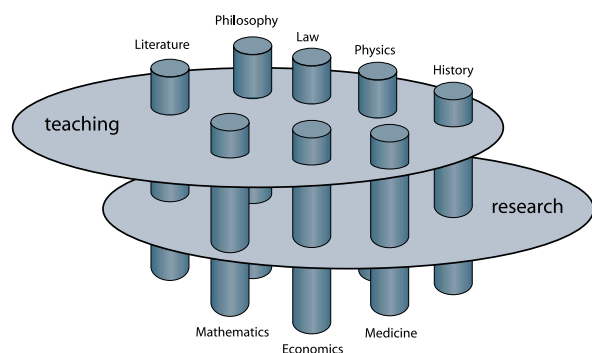
For our purposes, we use the terms “institution” and “university” interchangeably to refer to the campus-based research universities that have been the focus of these annual reports on *The Top American Research Universities*, and we refer to the larger organizations that in the public sector govern groups of universities (however named or organized as described below) as “systems.” For example, the University of California is formally one university with multiple campuses. But for the purposes of our discussion, we see the University of California as a system that governs multiple campus-based research universities such as UCLA or Berkeley. The goal of these reports, of course, is to understand the competitive success of individual research universities, and in this report we look at the complex organizational models within which they operate.

Quality Engines

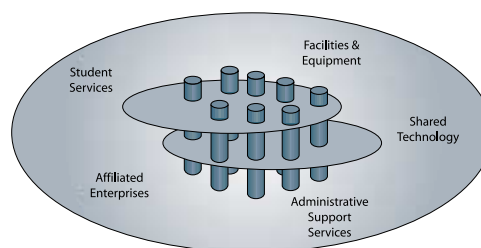
As we discussed in our previous publication (*The Top American Research Universities, 2001*), research

the work of the faculty. A third sustains the research of the faculty and their many collaborators, while a fourth translates those research accomplishments into patents, licenses, and other assets of value to the nation and the world. The core of this engine, which we described more fully in last year’s report, is composed of departments or programs that resemble guilds – defined as organized collections of individual experts joined by their shared commitment to a particular methodological and subject approach to knowledge and driven by a national and international system of common standards and criteria for quality. These guilds – whether familiar ones like history, English, chemistry, psychology, philosophy, physics, and mathematics or newer ones like neuroscience or biomedical engineering – control faculty identification, selection, promotion, and tenure. Through this process, the guilds function as self-perpetuating communities whose quality depends on the rigor of the standards they apply to those who would become permanent members.

In the academic core, the faculty guilds control teaching and research quality



The guilds and their work are at the nucleus of a broader university environment...



an environment that is enriched with student services, general support and enterprises complementary to research and teaching

universities function as quality engines. They accumulate resources of all kinds to support the highest possible levels of faculty and student quality. Faculty and students, pursuing their individual goals within the context of the university’s academic programs and guilds, develop their skills and use them to create additional value either in the form of enhanced capabilities as graduates (at all levels from undergraduate through professional school to the PhD) or of contributions to new knowledge through research.

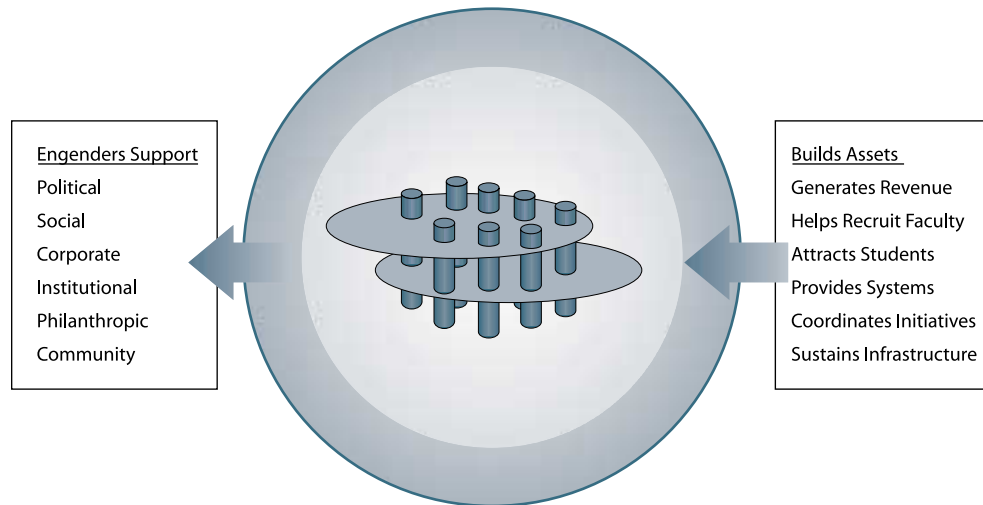
In achieving these aims, the quality engine of the American research university operates multiple separate domains, nonetheless connected within the boundaries of the campus-based institution itself. One domain drives the teaching enterprise at the undergraduate level; another connects graduate and professional studies to

University Administrative Shell

Although the guilds hold the keys to the effectiveness of the American research university’s quality engine, they rarely exist independently of the support and management provided by the university shell. The shell, also described more fully in last year’s report, serves as the organizational construct that acquires money and other resources needed by the guilds. It provides the administrative infrastructure that supports the guilds and their work, creates the connective mechanisms that link the guilds for the purposes of undergraduate education and other joint enterprises, and protects the guilds and their members from external pressures that might impair their effectiveness.

The public sees the shell as the administration of the university with its boards and administrative offi-

An active administrative “shell” positions the institution as a whole, builds resources and helps to attract faculty, students and benefactors



cers and its hierarchically represented organizational structure. The guilds know that this hierarchy belongs primarily to the shell and does not define the authority structure of quality engine's academic core. While shell agents can manage money and resources, they do not directly control the content or quality of the institution's academic work, which belongs to and is primarily supervised and managed by the faculty. The faculty, in turn, define academic standards in cooperation and collaboration with colleagues in similar guilds throughout the nation.

Nonetheless, the work within the shell is essential to the success of the quality engine's guilds. Everything the guilds seek in the pursuit of quality requires support: faculty, students, libraries, laboratories, computers, buildings, travel, research assistance, and the like. All of these elements need money. The defining function of the shell is to acquire the maximum resources possible in support of the guilds' missions of teaching and research. Teaching and research do not directly command a sufficient share of resources in the open marketplace to pay the full cost of their production, and shell agents work endlessly to identify additional sources of funding. This involves development or fund-raising), political lobbying for additional state and federal support, encouragement of grant and contract application and awards to expand the research base, development of commercial or quasi-commercial businesses derived from the university's intellectual property, and the efficient and effective operation of the institution and its various affiliated enterprises.

Our interest, we must emphasize, focuses on only one segment of the American higher education mar-

ketplace: major research universities defined as institutions with at least \$20 million of federally funded research expenditures per year. This group of about 160 institutions controls over 90% of all the federally funded research expenditures reported by the 600 institutions that share this support. They compete fiercely for the funds that make this research possible; for the services of the most productive, creative, and innovative research faculty; and for the resources to recruit the best undergraduate, graduate, and professional students into their midst. This competition drives the behavior of America's research universities, and our work over the past few years has attempted to understand this competition. We have described the characteristics, and we present various indicators of institutional success in the competition. We have explored the impact of size and medical schools on the competition, for example, and we have looked closely at the mechanisms by which these quality engines support and improve quality.

As we continue to explore this competitive behavior, the wide range of organizational and governance structures within which American research universities function intrigues us. We examined the extensive literature on the organization and governance of public and private universities and reviewed the many forms of governance to discover how the organizational structures of institutional governance influence research university competition.

Governance Prototypes

The variety of organizational structures that govern American research universities ranges from a simple model that places a university campus in a single, not-for-profit corporation responsible to a self-perpetuating

board of trustees to the ornate configurations of state university systems with their overlapping boards of regents and trustees, their higher education coordinating commissions, and their multiple subsidiary foundations and other enterprises. Despite this range of governance, research university quality engines – with their immediate shell and core academic guilds – compete with each other in almost identical ways. Governance structures take on forms that adapt to the challenges of external environments rather than respond primarily to the needs of the academic guilds they govern. Among private institutions, governance models change little over the period of a century or more. For many public institutions, however, governance mechanisms that link the institution to the state that sponsors and owns them often change – sometimes dramatically.

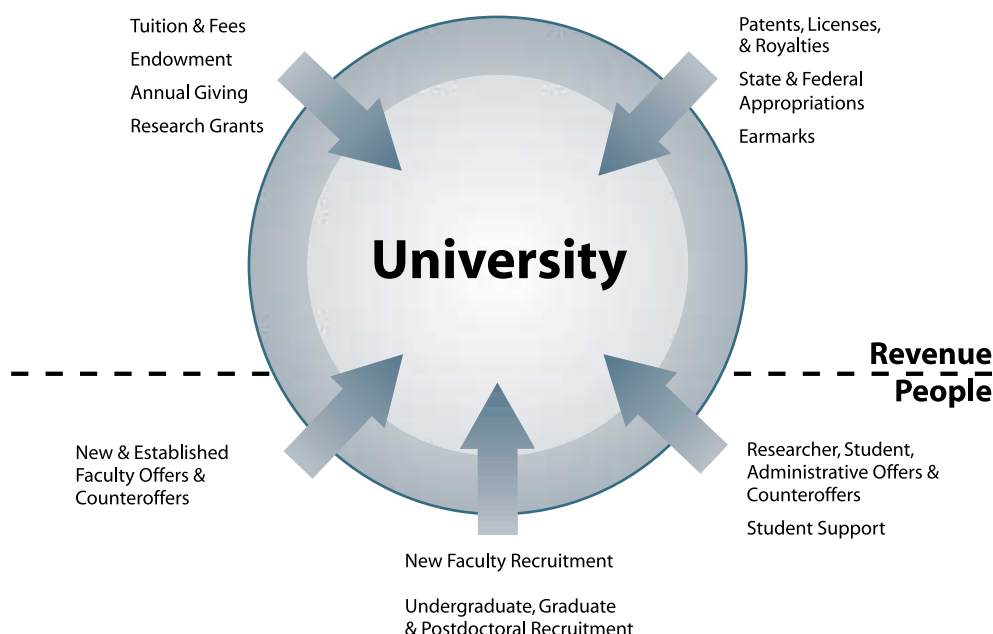
In our review of organizational models, we identified a number of prototypes, drawing on the extensive literature on this topic, which we review briefly below. These models represent a simplification of the detailed formal, organizational structure of institutions and systems as reflected in their documents, and our own involvement with a number of institutions clearly indicates that behavior and the balance of authority and responsibility can vary considerably from what the documents imply. Our prototypes represent a stylized version of the 19 different structures identified by the Education Commission of the States, in part because we look at organization from the perspective of the

research university rather than from the perspective of the state or corporation that governs the institutions.

Universities generally fall into three main groups containing a number of sub-categories:

- The first group includes those universities that have a single governing board for a campus-based research institution with direct authority and responsibility for the operation and management of the institution. Some institutions in this group, primarily private, have self-perpetuating governing boards with complete authority and responsibility for all aspects of the university's operation. Others, primarily public, have mostly politically appointed governing boards with an obligation to report to legislatures, governors, or statewide boards or commissions that may limit the institutional board's authority and responsibility in various ways.
- The second group includes multiple campus-based public institutions governed by a common statewide board. In this group, the campus-based institutions may report to the statewide board directly or through a system executive.
- The third group of public institutions has a local governing board for the campus institution, and this local board has a subset of powers derived from or delegated by a statewide board. The dis-

A competitive university must continually fuel its quality engine with people, capacity and resources



tribution of authority and responsibility between the statewide board and the local board, and between state-level executives and campus-level executives, varies widely. These relationships tend to change with some frequency in response to challenges, opportunities, personal ambitions of individual actors, and legislative and executive branch preferences.

When a university has a single board for a single campus, the relationships of authority and responsibility appear much more clearly than in the other types discussed here. Particularly in private institutions, the single-institution board has authority and responsibility for everything the university does, and it delegates responsibility and authority to various university officers, usually through the president or chancellor for the actual operation of the institution. These boards usually have complete fiduciary responsibility for the institution and exercise close supervision over financial and budget matters. At the same time, these boards differ substantially in the delegation of authority within the university. In some instances, they expect the president or chancellor to

retain most of the authority and responsibility in the central administration. In other cases, they expect the campus chief executive to delegate that authority and responsibility to vice presidents, deans, and other university officers, while retaining the supervisory role of ensuring effective operation and managing and promoting institution-wide objectives such as fundraising.

Very few public universities have this kind of clear relationship between the governing board and institutional management. Even when a public university has one board for a single campus institution, the politically selected board usually shares responsibility and authority, especially in financial and budgetary matters, with state-level bureaucracies, either in the form of higher education commissions or boards of education. Often, these higher-level organizations serve not as governing entities in relationship to the university's board but as legislative or executive branch extensions to deal with fiscal policy and coordinate

issues related to the state's support of higher education. While it is not always possible to make clear distinctions, many state-level organizations perform both functions and some are more intrusive than others in the operation of the university's board.

Public and private research universities with one governing board for a single institution may also have branch campuses. Although the dividing line that separates multi-campus institutions from single-campus institutions with branch campuses is none too clear, we think the distinction is worth making. When a university has branches that simply extend the university's activities into other geographic locations, and the activities in these locations do not have independent academic personnel or curricular authority, then we consider them branch campuses and include the institution within the single-institution, single-board category. Historically, some single-campus, single-board institutions created branch campuses that later on acquired sufficient academic size and complexity to warrant more or less independence in their academic governance and operations. Usually in these cases, the defining distinction involves local campus control over promotion and tenure and often includes independent accreditation. In such instances, the single-campus, single-board institution becomes a multi-campus, single-board institution.

The majority of public research universities operate within systems where several largely independently administered university campuses share the same board or multiple boards and commissions. Although the variety of structures and arrangements is impressive, most of these reflect two formative processes:

- Consolidated systems usually emerge through the growth of branch campuses of a single university into a multiple-campus university system. Often distinguishable from multi-campus, single-board types, these consolidated systems have a system-level CEO and individual university CEOs but a governing board only for the system.
- Coordinated systems result from a process that collects previously independent institutions into a structure governed by a single board. Typically, each institution has its own CEO, and these institutions do not manage multiple campuses. Often the coordinating board will oversee all state institutions of higher education including community and other two-year colleges.

Although the origin of each of these types is of some interest, the levels of coordination and control exercised over the research institutions vary greatly within each of these types and the distribution of

The majority of public research universities operate within systems where several largely independently administered university campuses share the same board or multiple boards and commissions.

authority and responsibility changes over time. In both types, research campuses generally function in similar ways, as we discuss below.

These multi-university systems themselves often belong to other governance structures, either reporting to a board of education or involved with coordinating agencies of every imaginable type. The powers and authority of these commissions and boards of education that exist outside the direct governance boards for the universities range from direct supervisory authority through coordinating authority to advisory functions.

The following diagram illustrates the distribution of a group of universities defined by the criteria used for this publication's *Top American Research Universities*. Note that all private universities fall into the first group of institutions with a single board for a single university. We divided the governance structures that apply to public research universities into three major categories (recognizing that this is a simplification of the full complexity of state system structures). The first group includes research universities that have single governing boards for each research university. Most of the universities in this group are in systems that have some form of statewide coordination, and some of the universities included here have branch campuses or medical branch campuses.

The second group of universities has local boards for each university with powers derived from a single governing board. Most of the local boards have the authority to identify a campus chief executive and recommend the appointment to the governing board. These institutions usually have some form of statewide coordinating board or commission.

The third and largest group of public universities reports to a single governing board along with other research universities. They have no local boards, although the systems of which they are a part usually work with a statewide coordinating board or commission. This group is large – in part because of the number of University of California institutions that qualify in the top category of research universities.

This focus on public research universities should not obscure the fundamental distinction between public and private governance. In private universities, the single board not only focuses exclusively on the success of an individual university but also usually sees its role as supporting rather than controlling the institution. Public university boards, politically appointed or elected in most cases, usually serve to regulate the university on behalf of public constituencies. This fundamental difference in orientation and focus is the primary difference between public and private university governance.

Political Context

Every state university, however it appears in a governance system taxonomy, is subject to the policy control of the state legislature and often to the policy objectives of the state's executive branch. Legislatures can and do provide direct guidance on academic matters to state institutions, often overriding the presumed authority of institutional boards. Depending on the traditions and legal basis of the university's charter (whether included within the state's constitution or created by legislative act), the form of this intervention may vary, but the state's strength in higher education issues comes in large measure from the power to appropriate funds. When legal and administrative traditions place the university directly in the legislative process, this authority over academic matters can appear in explicit legislation specifying program content, graduation standards, and even detailed curricular matters.

When legal traditions place the university outside of the direct legislative process, because the university is an artifact of the state constitution and not a creature of the legislature, the authority over academic issues may appear indirectly. The legislature can withhold appropriations until the university implements a desired goal or appropriates dollars restricted to a specific purpose or guided by a legislatively approved master plan. The multiple coordinating agencies that characterize many state higher education governance structures also serve to extend the legislature or governor's influence over the operation of university programs.

These considerations about legislative and executive branch intervention apply to all of the governing structures discussed here. Even private universities find themselves engaged in this conversation. Many states have coordinating commissions or other bureaucratic entities whose mandate includes some responsibility for rationalizing the educational delivery process of higher education, including not only public but also private, not-for-profit, and for-profit institutions. Laws in many states require all higher education institutions to receive permission from the

Private university boards see their role as supporting their institutions; public university boards usually serve to regulate their universities on behalf of public constituencies.

Governance Structures

The Top American Research Universities

Private and Public Institutions with More Than \$20 Million in Federal Research

Single Governing Board – Single Research University

University may have branch campuses. Most Public universities have state-wide coordinating boards.

Private universities may have a formal or informal relationship with a state-wide coordinating agency.

Boston University
Brandeis University
Brown University
California Institute of Technology
Carnegie Mellon University
Case Western Reserve University
Charles R. Drew University of
Medicine and Science
Columbia University
Cornell University
Dartmouth University
Duke University
Emory University
George Washington University
Georgetown University
Harvard University
Howard University
Johns Hopkins University
Massachusetts Institute of Technology
Michigan State University
New Jersey Institute of Technology

New York University
Northeastern University
Ohio State University - Columbus
Princeton University
Rensselaer Polytechnic Institute
Rice University
Rockefeller University
Rush University
Rutgers the State University of NJ -
New Brunswick
Saint Louis University - St. Louis
Stanford University
Syracuse University
Tufts University
Tulane University
University of Alaska - Fairbanks
University of Chicago
University of Cincinnati - Cincinnati
University of Dayton
University of Delaware
University of Kentucky

University of Miami
University of Michigan - Ann Arbor
University of Notre Dame
University of Pennsylvania
University of Rochester
University of Southern California
University of Vermont
University of Virginia
University of Washington - Seattle
Vanderbilt University
Virginia Commonwealth University
Virginia Polytechnic Institute and
State University
Wake Forest University
Washington State University - Pullman
Washington University
Wayne State University
Woods Hole Oceanographic Institution
Yale University
Yeshiva University

Single Governing Board – Multiple Institutions with Local Trustee Boards

Local Boards have delegated powers or legislatively defined powers.

Most local boards recommend institution CEO. Most have state-wide coordinating boards.

Auburn University - Auburn
Clemson University
Florida A&M University
Florida State University
North Carolina State University
Pennsylvania State University -
University Park

University at Albany
University at Buffalo
University at Stony Brook
University of Florida
University of North Carolina -
Chapel Hill

University of Pittsburgh - Pittsburgh
University South Carolina - Columbia
University of South Florida
University of Utah
Utah State University

Single Governing Board – Multiple Institutions with No Local Board

Most have state-wide coordinating boards.

Arizona State University - Tempe
Colorado State University
Georgia Institute of Technology
Indiana University - Bloomington
Indiana University - Purdue University
Indianapolis
Iowa State University
Kansas State University
Louisiana State University - Baton Rouge
Mississippi State University
Montana State University - Bozeman
New Mexico State University - Las Cruces
Oklahoma State University - Stillwater
Oregon State University
Purdue University - West Lafayette
Temple University
Texas A&M University
University of Alabama - Birmingham
University of Alabama - Huntsville

University of Arizona
University of California - Berkeley
University of California - Davis
University of California - Irvine
University of California - Los Angeles
University of California - San Diego
University of California - Santa Barbara
University of California - Santa Cruz
University of Colorado - Boulder
University of Connecticut - Storrs
University of Georgia
University of Hawaii - Manoa
University of Houston - University Park
University of Idaho
University of Illinois - Chicago
University of Illinois - Urbana-Champaign
University of Iowa
University of Kansas - Lawrence
University of Maryland - College Park

University of Massachusetts - Amherst
University of Minnesota -
Twin Cities
University of Missouri - Columbia
University of Nebraska - Lincoln
University of Nevada - Reno
University of New Hampshire -
Durham
University of New Mexico -
Albuquerque
University of Oklahoma - Norman
University of Oregon
University of Puerto Rico - Mayaguez
University of Rhode Island - Kingston
University of Tennessee - Knoxville
University of Texas - Austin
University of Wisconsin - Madison
West Virginia University

state before offering educational services. States have tuition support programs that give modest but significant financial grants to private institutions for enrolled in-state students. The provision of this funding carries with it the opportunity for the state to assert some influence over the academic behavior of private institutions. This influence is less directive and less comprehensive than the relationship between the state and its public institutions, but nonetheless makes the state's higher education policy goals relevant to private institutions.

Politics is a source of most public university existence. The state, on behalf of the people, creates the institutions, provides significant portions of revenue, and regulates institutional behavior. State systems of governance and coordination act as agents of the state's political authority and regulate, direct, and control universities in response to the political process. This power flows clearly and directly from public ownership of the state university, and the trustees (regents, board of education members) have an obligation to manage the institutions on behalf of the people as directed by state officials.

Some of this may seem obvious, but it deserves emphasis because it is in this role that public university or university system trustees differ most significantly from their private university counterparts. The private university board owns the university directly and answers to the public primarily in terms of its fiduciary responsibility. The private university board focuses almost exclusively on the effort to fund and enhance university performance as defined by the board and the institution. It works on behalf of the institution, not on behalf of outside political constituencies. While the private board may take social needs, public obligations, and alumni and citizen concerns into consideration, it does not have a formal and direct obligation to direct the university to meet these concerns. The private board aligns its efforts with the interests of the institution it supervises. Indeed, one of the primary considerations for membership on a private university board is a commitment to the university's mission, frequently expressed through substantial philanthropy. This difference in perspective explains why public university presidents, chancellors, chief financial officers, and other top executives often feel as if they have arrived in heaven when they move from managing a public institution to managing a private institution.

The political imperatives for public university governance appear clearly to many political and bureaucratic leaders within the various states, and the members of these boards gain their posts usually by political means. Nonetheless, universities themselves are politi-

cal entities that can and do act independently in their own self-interest. Public universities have alumni and local and regional support groups. They serve many constituencies of high political value in their states. Public research universities have multiple sources of revenue in addition to state dollars, and most universities of any distinction provide the state with services funded from these non-state resources. Whether in teaching, research, economic development, or various forms of service, the research university generates a substantial proportion of the revenue it spends. As a result, states simply cannot dispose of universities as political imperatives of the moment might indicate. If a proposed political change appears dangerous to the university, the institution will mobilize its forces to resist that change even when its politically appointed governance system may not concur. Often the university is remarkably successful in defeating the substance, if not necessarily the form, of political intervention.

In this political context, the governance system finds itself in a conflict. While in theory the trustees, boards, or other direct governance organizations serve the state and are responsible to the state for the operation of the universities, they also often assume the values and aspirations of the research institutions they regulate. A public board enhances its identification with the institution's objectives when it supervises only one institution. Political agenda are more significant when the board supervises multiple institutions. The governor may appoint the trustees, for example, but if the governor's agenda appears to threaten the universities' aspirations, and if the universities and their alumni can make this case persuasively, these politically appointed boards may resist the changes identified as essential by the legislature, governor, or state bureaucracy. In this intermediary role, the trustees or other public governance systems may find themselves sometimes on the side of enforcing the expectations of elected and appointed state officials and, at other times, on the side of resisting these expectations. On occasion, the governance system's lack of responsiveness to the state political agenda will lead to a reorganization of higher education in order to impose the state's will more effectively.

Public universities themselves are political entities that can and do act independently in their self-interest through alumni and local and regional support groups.

When coordinating mechanisms for aligning public universities with current political objectives fail, states often change the organization of the higher education system.

This kind of reorganization falls into two categories. States can impose a higher level of control on existing institutional governance structures by creating higher education coordinating, budgetary, or policy commissions, or by redistributing power and authority among the various levels of the state higher education governance system.

These interpose a filtering bureaucracy responsible to legislatures or governors that reduces the effectiveness of institutions and their governing boards in taking institutional agenda directly to the political process. Coordinating commissions vary in their effectiveness depending on the powers awarded them by the legislature or governor and on their ability to impose their determinations over the aspirations of the governing boards of the individual institutions or groups of institutions in the state.

If the legislature and governor permit the institutional or system boards to carry their agenda directly to the political process and fail to assert the authority of the coordinating board, commission, or agency, then the coordinating unit will become just another bureaucratic but mostly ineffective voice in the crowd.

When coordinating commissions and other mechanisms for aligning the institutions with a state's current political objectives fail to perform adequately, states may change the organization of the state higher education system either completely or substantially. They can consolidate institutions into a single system or multiple systems with direct controlling bureaucracies headed by politically appointed chief executives or boards. They can impose a high-level board with the authority to control the lower-level governance boards for the individual institutions or groups of institutions, and they can put particular educational objectives into law.

While these changes sometimes respond to perceived or real problems of effectiveness and efficiency in the higher education system, at other times they respond to the needs of the political actors who seek innovation and change as part of a wider state agenda. Of particular interest in this conversation is the role of technocratic elites at various levels of the public higher education system in most states. The technocrats often staff legislative committees concerned with the funding and operation of higher education, serve in the governor's or other executive branch offices that

deal with educational budget issues, and serve on the staffs of coordinating commissions.

Such individuals have considerable expertise about university funding, curricular trends, student access, and other matters essential to the successful delivery of higher education to the people of the state. Often they have strong personal opinions about how universities should operate. Although they are not part of the direct institutional governance through its administrative shell, they nonetheless have significant influence because they control the details of the political processes at different levels above the quality engine and often become key actors in determining and implementing state policies that affect public research universities. The technocrats sometimes support the aspirations of research universities, but often their values lead them to prefer to support large-scale generic undergraduate education. The effort of managing this particular set of technocratic actors constitutes one of the important tasks of the staff of individual university shell organizations.

In every state – whatever the formal organization of higher education governance – the political culture and, in particular, the location of power within state government determine how the system functions. If power is concentrated in the hands of the governor, then the governor will drive state higher education policy and funding. If power resides in the hands of long-term legislative leadership, then legislators will drive higher education. If state government shares or disperses power widely within its agencies and term limits diminish the power of legislative leadership, then technocratic staff and multiple-party negotiations may characterize higher education governance. No formal statement of organizational structure adequately captures public higher education governance without a parallel understanding of how the formal structure relates to the actual distribution of political power within state government.

Purpose and Functions of Governance

Practically every state develops a strategic vision for its higher education system, whether expressed in the form of a master plan or a mission statement. The relevance of these strategic perspectives to state funding and system organization varies greatly, and many strategic plans remain as statements of intent rather than directives for action. A much more commonly pursued goal of statewide coordination of higher education is to restrain costs and reduce program duplication to a minimum. Captivated by the organizational notions current in American business, where consoli-

dation, efficiency, and economies of scale appear ascendant, state legislators and governors hope to achieve similar results by imposing large-scale organizational models on the rapidly proliferating campuses dependent on state funding. While each state develops a pattern for distributing authority and responsibility for higher education to the various components of its higher education governance system, some common elements appear in every state.

Money underlies much of this conversation. States recognize the rapidly increasing cost of higher education resulting from the growing percentage of their population attending college after World War II, and especially after 1960, accompanied by an increase in the complexity and sophistication of public higher education institutions. Much of the coordination and governance effort focuses on controlling and managing costs. Legislators, for example, often find it difficult to evaluate competing requests from the many institutions in their states. Legislative and executive leadership seeks mechanisms to insulate legislators from decisions on the relative merit of budget requests from individual institutions.

The higher education coordinating structure appears attractive in many states because it promises an expert-driven structure for evaluating institutional legislative budget requests. While in many cases legislators reduce, expand, or otherwise change the consolidated budget requests received from the coordinating agencies or governance systems, they nonetheless start from a unified presentation. Most importantly, this arrangement provides a mechanism that insulates legislators from the bad news of denying budget requests and leaves them free to add good things to the higher education budget for their constituencies if funding and political forces make this possible. The appointed higher education governance and coordination system delivers most of the bad news, and the elected legislators deliver most of the good news.

In some states, this works well; in others, the governance system can become an antagonist of the legislature and executive branch, asking for much more than the state can afford and then blaming the legislature or the governor when funds fail to materialize. When this behavior grows too intense, states reorganize or restructure the governance system.

In the drive for efficiency and effectiveness, and again drawing on corporate models, states use the higher education governance system to achieve some measure of what they call accountability. Accountability is a term of art in higher education,

especially public higher education. From the state's point of view, accountability is a process for measuring the effectiveness of higher education institutions principally in terms of their ability to produce functional graduates at low cost. While disguised by a wide range of subjective qualitative rhetoric, the driver of accountability is efficiency. State actors outside higher education, and many within, believe colleges and universities have little interest in effectiveness or efficiency. Universities have few standardized measures of efficiency and no equivalent to business-like profit statements or return on investment calculations. The accountability process presumes to imitate these business indicators with some academic equivalent.

Statewide governance systems, individual institutions, and independent state agencies all develop measures of accountability. Legislators and governors hope these will provide reasonable guidance for standards of institutional effectiveness and for public investment decisions about higher education needs. The results of the accountability movement have not realized the high hopes of many, but most statewide governance systems have some form of accountability program nonetheless.

Another key regulatory purpose is mission differentiation and program approval. Institutional mission differentiation appears in the formal master plans approved by most states or through historically determined or cooperative mission assignments as apply in other states. Many states, such as Florida, illustrate the difficulty of institution-specific mission differentiation even within single-board, multiple-university environments. Although that state's board of regents attempted to specify particular missions for its individual institutions at the time of their creation, over the years the power of local politics overwhelmed board policies as local constituencies mobilized to support mission expansion. Recent reorganization of higher education in Florida created the opportunity for community colleges to break the four-year degree barrier, a formerly substantial dividing marker for higher education mission differentiation.

No organizational structure adequately explains public higher education governance without a parallel understanding of the actual distribution of political power within state government.

Almost every state controls program approval to restrain local-campus constituency enthusiasm for duplicating prestige programs that exist elsewhere in the state. Medical schools, engineering programs, art and music programs, professional schools in law, medicine, public health, and veterinary medicine, architecture schools – these and many other specialties come at a high price although they bring prestige. Statewide program review and approval attempts to determine whether the state actually needs an additional program or advanced degrees or whether an existing program could meet the demand. States vary widely in their ability to contain program expansion and proliferation, as the creation of expensive prestige programs or advanced degrees is often a token of political effectiveness for the local legislative delegation.

States especially worry about high-cost programs such as medical schools. Although system organizations

do not always prevent the proliferation of medical schools, some systems treat the medical enterprise as a distinct, separately administered entity. In such places, the medical enterprise becomes a separate campus, geographically apart from either the flagship institution or other major campuses.

Sometimes the medical campus reports to the flagship campus, even if it is not closely connected to it

in any organic way; at other times the system treats the medical campus as a stand-alone institution reporting directly to the system executive and board. These arrangements respond to legislative and institutional history that create opportunities in locations separate from the main campus, or they may serve to resolve conflicts of authority and responsibility by creating a separate relationship for the medical campus. Whatever the origin, the separate campus for a medical center changes the dynamics of relationships between the medical research program and the research activities on the system's research campuses. When the medical center is part of a research campus, it has a much greater impact on the research activities of other faculty in related and allied disciplines.

State systems usually address a variety of academic standards issues. Admissions processes and transferability of credit among institutions within the state usually appear on the system agenda. Admissions

issues reflect the implementation of the state's student access imperative of affording an opportunity for higher education to the widest possible state audience. Sometimes admission issues include limits on out-of-state students or establishment of minimum standards of entry, even when the admissions process itself is a local, institution-by-institution concern. Elsewhere, university systems operate common admissions processes for every institution, using standard forms and data, and standard criteria. In those systems, students usually have the option of selecting their preferred campus; the better their admission credentials, the better their chance of admission to the campus of their choice. State systems also specify other common characteristics of the admissions process, most recently in terms of the acceptability of affirmative action programs but also including special financial aid grants and exceptions for student-athletes, musicians, artists, alumni children, or donor relatives.

Statewide requirements about the transferability of credit from one state institution to another (community college to college or university, and between colleges and universities within the state) also reflect the state's commitment to institutional mission differentiation. If different colleges have different missions and different programs, students will often take some part of a program at institutions in one place and the specialized courses at another institution that has the mission to provide the special program, major, or degree. For this to work efficiently, student academic credits earned at one state college or university must transfer to every other in the state. Much effort in many states is devoted to ensuring this transferability, from transfer requirements to common course numbering systems that guarantee the course equivalency at all state higher education institutions. Because institutions vary in the quality of their student bodies and faculty, and in the range and extent of their academic resources, colleges and their faculty often resist these standardizing efforts. Sometimes they succeed; most often they do not.

Almost all states have a sharp distinction between community colleges that provide the first two years of the traditional four-year degree and colleges or universities that provide all four years as well as advanced degrees. However, linkage between the community college and the four-year institution varies from explicit formal linkages such as those in Florida to less comprehensive or restrictive transfer rules and agreements that apply in other states.

Whatever the governance model, systems all focus on generating revenue. In public university contexts, the governance systems of boards and commissions

States vary widely in their ability to contain program proliferation, as the creation of expensive prestige programs is often a token of local political effectiveness.

focus primarily on the funding that comes through the political process at the state level. Systems may share this function with people and organizations located at the individual campuses, but they generally assume the primary responsibility to deal with the state on issues of budget and finance. Depending on allocation of authority and responsibility to campuses, system officers also may control or participate in private fund-raising, commercialization of intellectual property, and operation of revenue-generating enterprises such as distance education or economic development programs. In these activities, however, the system usually serves as the agent for campus-based, faculty-created content.

In fund-raising, for example, few donors give to a system of higher education. Most give to a campus, and even more specifically to an individual school, college, or program. Systems can provide a range of support to campus fund-raising that enhances the ability of colleges, departments, and campuses to attract gifts. The most effective support comes from matching programs that usually appear as system-wide, state-funded efforts. The details of these programs vary, including direct dollar-for-dollar matches at ratios of 1 to 1 or, more commonly, some proportion of the gift dollar matched by state funds. Other programs exist where the system uses state funds to match the anticipated income from the endowment gift but does not transfer state dollars into the endowment.

Systems also supply other less visible, but often important, support. They can delegate authority and responsibility for fund-raising to campuses, increasing the effectiveness of fund-raising activities, or they can authorize the creation of campus-based foundations that give donors a clear sense of confidence that their gifts will stay at the campus and serve designated purposes. Some state systems deposit foundation money in state accounts, but most give the campus foundation the authority and responsibility for managing the endowment. Statewide systems generally support campus-based capital campaigns and encourage their success.

In their role as revenue generators, systems often serve to combine campus resources when a revenue opportunity appears that does not fall fully within the mission of a single campus. In such a role, the system can encourage or force campuses to cooperate, combine resources, and deliver services. Sometimes campuses defend a local self-interest and decline to cooperate in statewide multi-campus activities. The system can exercise its authority to force cooperation and collaboration. The system can also serve as a supervising entity for large-scale research programs

that fall outside the direct mission of the campus, require separate funding, or need state funding that the system can guarantee. Independent national research laboratories, for example, often exist outside the direct control of a campus reporting to a system-level governance entity, although drawing on the intellectual strength of the campus' guilds for their work and their academic prestige.

Imperative of Statewide Governance

The needs of the state, expressed in political terms through the actions of legislatures, elected executive branch officials, and permanent state bureaucracies, result in an intervention in the affairs of the public research university, delivered through the intermediary of the university's governance system. If efficiency and effectiveness become an issue, states create or mandate accountability programs loaded

with good intentions but usually without significant effect. If access becomes an issue, states determine the distribution of students to institutions, offer incentives to expand existing institutions, create new ones, and evaluate competing plans for providing access. If cost becomes a significant issue – and it always does, states can use the governance system to shorten the time to degree,

reduce the expense of research faculty, limit the personnel costs of teaching, and expand the lowest cost options for undergraduate education. If economic development becomes a priority, states can review technology transfer programs, encourage the licensing of technology to in-state corporations, and expect increased engagement of university people in local or statewide economic development.

These imperatives, expressed in as many forms and with as many variations as there are states, often lead to frustration as research universities fail to respond to the perhaps unrealistic expectations of the political and bureaucratic leadership. While this sometimes prompts specific legislative intervention in the academic process, more often it produces reorganization and reconfiguration of the higher education system with stronger hierarchical structure. This enthusiasm for changing the organization usually responds to a belief that public higher education fails to meet political objectives because of a failure of central control, direction, and authority.

Public university systems, rather than individual campuses, assume primary responsibility for dealing with the state on budget and finance.

Relationship of Governance to Research University Competitiveness

In the conversation about governance, the proponents of particular organizational models or reorganization schemes usually assert that one or another structure is clearly superior for quality higher education. While it is relatively easy to find dysfunctional behavior in complex public higher education systems attempting to coordinate and manage highly diverse institutions with multiple and differing missions, it is much more difficult to find ideal types adaptable to the many different state environments. What works in California does not translate to New York. What proves successful in Indiana does not have a future in Florida. What appears successful in Michigan has no currency in Louisiana. Each of these models is a political not an educational artifact, and it responds to the local political concerns of the state it serves. The multiple variations on the basic organizational

models described above that appear in different states at different times provide eloquent testimony to the locally adaptive character of public university system organization.

The impact of statewide governance structures on the functioning of individual institutions varies. For

those institutions primarily focused on the production of undergraduates for immediate employment after graduation, the form, organization, and supervision of statewide governance boards and local institutional boards have a significant impact on university behavior. For research universities, however, the impact of these governance mechanisms is much less. The undergraduate-producing institution often has a much higher percentage of its budget derived from state-controlled resources than the research university. The faculty, staff, and students of these primarily undergraduate colleges and universities serve a predominantly regional or, at most, statewide constituency.

Research universities, however, focus on competitiveness with their national peers and produce graduates for a national marketplace. As a result, changes in statewide governance often have a much greater impact on predominantly undergraduate institutions than they do on research universities, even within the same system.

Research campuses in complex governance systems often have the best students, the best faculty, and the most extensive facilities of any higher education institution in the state. Compared to their teaching-focused counterparts, they have more alumni support, provide more service to the state, and have more prestige. Their financial requirements are high because they tend to have high-cost programs, professional schools, and other facilities that are critically important for the success of many state economic development initiatives. When a state applies accountability mechanisms in an attempt to measure and reward effectiveness, research universities usually meet or exceed the targets set for all state universities. They have the best students, residential campuses, strong student services programs, and with these advantages, they usually meet graduation, retention, and enrollment targets. They have many unique programs and can always demonstrate unique contributions to the state. Their research strength leads to significant economic return to the state from employment, economic development programs, spin-off industries, and technical assistance to state agencies and private enterprise. A research university with a research-oriented medical school and affiliated hospital can always demonstrate a major contribution to the state's health care, especially for indigent and uninsured patients.

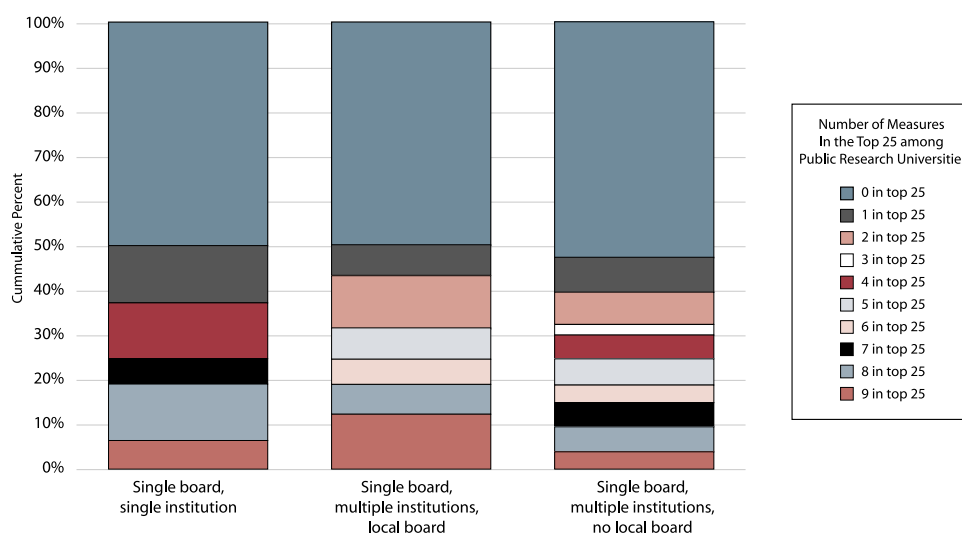
All of this makes statewide governance an important issue – but not a controlling factor – for public research universities. Indeed, in many cases, much of the statewide governance activity – of vital interest to those who work in the university's shell organizations – has little direct impact on faculty work. Although salary issues, arguments about faculty rights, union rules, credit transfer regulations, curricular controls, and program approvals may depend on the statewide governance system for answers, the issues themselves and the state's responses to them do not appear to depend much on the form of governance.

If we look at all the universities with more than \$20 million in federal expenditures in 1999, and arrange them by type of governance, we can see that they fall into two obvious groups. The private universities all have single boards, and the advantage of their organization derives primarily, we believe, from the private board's role in support of the institution.

The second group includes all public universities. Within each of the three general types identified here, we find highly competitive institutions as well as those with less success. Of those with a single board for a single institution, just under half have at least one of our measures in the top 25 among public universities.

It is difficult to find ideal types of public higher education systems. Each is a political artifact designed to respond to the local concerns of its state.

**Public Research Institutions by Governance Type
and Number of Measures in the Top 25**



Just over half have no measure in the top 25. Of those with a single board governing multiple institutions and the institutions with a local board, half have at least one measure in the top 25 and half have no measure in the top 25. Finally, of those with a single governing board over multiple institutions and no local board, again, half have at least one measure in the top 25 and half do not.

These data indicate that highly competitive public universities and those significantly less competitive work within all types of governance systems. Governance structure, in our view, is not a critical dimension of public research university success.

This conclusion requires a tight focus. Public university systems have many functions and serve many purposes in the political life of states. Systems often take on lives of their own, maximize advantages that they find significant for their executives, board members, and other personnel, and project themselves into local and national political and academic space to enhance their importance. From our perspective on and experience with the competitive success of research universities, however, the particular organization of a university system is much less important than other characteristics of the environment in which the research campus exists. Delegated authority for most academic and administrative decision to the campus, strong support for quality and productivity, and effective research administration all contribute to the success of highly competitive institutions. The same system at some times may support and at other times inhibit the aspirations of the research campus. These different outcomes depend not on the structure of the

organization but on the quality and perspectives of the people who direct the system. If those people share the aspirations of the research university, they can help it succeed. If they seek other goals, usually related to local or state political agenda or personal career advancement, they may see the national perspective of the research university as an obstacle to their local ambitions and inhibit the institution's research success.

Other characteristics than organizational form make more of a difference. Universities whose states provide more money have a relative advantage in the competition for quality than those whose states provide less. Money matters for the support of research and the acquisition of quality students in all universities. While the complexity and variety of institutional arrangements make strong statements about the causes of research university success rather speculative, we nonetheless think that the following represent reasonable starting points for discussion. As our model suggests and as the relationship between financial support and performance discussed below appears to indicate, public and private research universities with strong financial support do well – no matter what organizational model governs them. It is difficult to know whether states with clear mission differentiation for their institutions or systems such as California and North Carolina succeed because of the differentiation or whether the clarity in missions is the result of long state traditions that govern investment in high-quality universities. Nonetheless, public research universities in states with clear mission differentiation separating research-intensive and teaching-intensive institutions generally appear to compete more successfully than in

Universities whose states provide more money have a relative advantage in the competition for quality.

those in states where differentiation is ambiguous. Following our hypothesis that money matters, we would expect public research universities in states that enjoy a long tradition of investment in and appreciation for national quality in research and students to compete better because of their stronger financial support than similar institutions in states that focus primarily on undergraduate access and degree generation.

From the perspective of system officers, however, the view of university success may well appear differently than it does from the research campus. The university system is a super shell entity removed from the teaching and research work of academic life. Some university systems acquire derived assets such as distance education enterprises, continuing education, and economic development, but, even so, they depend on the work of the faculty guilds in the core of each of the system campuses for their legitimacy and success.

Given the remarkable diversity of organization and structure, the stability and familiarity of the internal organization of the research university – what we call the academic core – is remarkable. Whatever the structure of the administrative shell and whatever the higher-level organization of systems or statewide governance, every research university, at the level of the guilds where the teaching and research work is done and where the curriculum is defined and delivered, appears similar and functions in almost identical ways. Indeed, from the perspective of the academic core of the university, most of the conversation that occupies the attention of political actors at the university shell and governance system, and the legislative and executive branches, appears almost irrelevant. In the end, what matters for the faculty and students is the teaching and research of the academic guilds, activities regulated by a range of accrediting agencies for teaching, degrees, and research in many professional fields, and by national guild-based peer review for research publication and grants. If a state transforms its entire higher education organization, reconstitutes individual universities into systems with a single board and a single chief executive on behalf of the system, the faculty and students on each campus will continue as before and do almost exactly the same things in the same ways and using the same standards. If the new system provides more money, they will do better perhaps. If the coordination changes transfer requirements and

similar student-related conditions, some segments of the institution may see an impact but, for the most part, the academic core in public research universities functions in the same way, whatever the statewide organization.

Not so in the institution's administrative shell, where changes in system organization have a profound effect on the balance of power, authority, opportunity, career possibilities, and administrative functions. With consolidation into systems, individual shell officials from presidents or chancellors to registrars, from financial affairs officers to police departments, all find themselves dealing with new relationships. In some cases, they acquire new authority if the change decentralizes functions; in other cases, they lose authority if the change centralizes functions. In either case, the jobs of the shell participants change with the governance structure. For this reason, debates over system changes often engage shell actors directly and they become major participants in the controversies that always surround major political restructuring of state university governance.

While forms of organization vary within state systems, the actual architecture of the system appears to us much less important than the distribution of authority and responsibility throughout the system. In reviewing the details of delegated authority for a number of highly competitive institutions within complex systems, the pattern of delegating substantially all academic and administrative authority to the campus is evident. The implications of an organizational change depend on the details of the resulting arrangements and delegations of authority, and the impact of any change will vary depending on the capabilities and needs of each campus. The success of any particular university system also depends as much on the quality of the governing organization's leadership as it does on the precise organization. A governance structure with strong and effective leadership can help the research university succeed; the same structure with weak leadership can inhibit success.

Cost, Complexity, Regulation, and Money

Our principal concern in these reports is to understand the competition that defines the American research university. We have identified some of the measurable areas of competition for the scarce resources that define research university success, and we have looked at some of the characteristics of universities that influence this competition. We have found that the size of an institution helps explain at least some part of the competitive research success of

public, but not private, universities, and we have seen that the presence of a research-intensive medical faculty is a significant asset in this competition, even if the mere existence of a medical school is not. We have noted that public research universities dominate the competition for federal research dollars, although some private universities continue to compete exceptionally well.

The examination of the differences between public and private research institutions led us to reconsider our original notion that we could approach the analysis of competition among research universities by looking at public and private universities separately. The competitive model we found shows public and private research universities competing in remarkably similar ways for students and faculty, federal grants and contracts, and private resources. As a result, after the first year, we redesigned our *Top American Research Universities* to present public and private universities together, although we continue to offer separate presentations to maintain consistency with the first report and to support our colleagues who found the data useful when displayed by institutional control.

In this review of institutional organization, in which we anticipated identifying some other elements distinguishing public from private institutions, we have two tentative conclusions.

- First, the impact of large-scale organizational structures in the public sector does not appear to have a major effect on the competition for research or for high-quality students in major research universities. While differences surely exist between public and private undergraduate programs, most public research universities find ways to compete for the best students and to deliver excellent undergraduate results in every organizational model we reviewed. However, the success of public universities in the student competition is somewhat obscured by the wide range in student quality in most of the large, high-quality public institutions. The students recruited into public university honors programs, for example, have SAT scores and other quality indicators equivalent to those of the highly competitive private universities.
- Second, these often elaborate and hierarchical public organizational structures within which public research universities function clearly create inefficiencies, duplicate work, and generate high administrative costs compared to the relatively lean and flat structures that govern private institutions.

Why then, do public universities perform so well in the competition for the scarce resources that define research university success? The answer is not all that complicated. It is the money. Understanding university money is complicated by the accounting standards followed by public and private universities (which use different standards) and by the organizational differences among public universities (which define expenses and income in different organizations or at different levels of the state bureaucracy). Nonetheless, it is our belief that the contribution of state tax dollars to public research universities more than compensates for the added cost and inefficiency that are a consequence of complicated public governance structures.

In our data, we include two items of institutional resources: endowment assets and annual giving. These two items provide an indicator of how well universities (and their related foundations) compete in the private marketplace for gifts in support of student and research quality.

In these data we easily see that private universities often have significantly higher totals than their public counterparts. In 2001, among the research universities in our study (those with more than \$20 million in federal research expenditures), the private institutions' median endowment at \$1.1 billion is four times greater than the public universities' endowment of \$250 million. Their annual giving shows a median of \$94.8 million for privates and \$45.0 million for publics. However, because institutional resources are so critical to the ability of research universities to compete, we are not satisfied with these indicators.

Resources represent a complicated notion for universities. In this conversation, we draw on the work of the Williams Center directed by Gordon Winston and the useful article by Bradburd and Mann published in 1993, both cited below. We have explored the possibility of identifying all the assets and obligations of an institution and then, by various means, translating these assets less obligations into an index of institutional wealth. This is not easy to do, as the papers of the Williams Center and the Bradburd and Mann article show – not only due to accounting rules that do not allow clear distinctions but also because

The contribution of state tax dollars to public research universities more than compensates for the added cost and inefficiency that are a consequence of complicated public governance systems.

Accounting rules and practices do not lend themselves to a clear understanding of the institution's total resources.

publics present their financials by fund group while private universities do not. In the case of private universities, current accounting rules permit capture of the entire enterprise; with public universities, only the operating budget is as easily accessed. The Governmental Accounting Standards Board (GASB) has established a new reporting model that will require all universities, both public and private, to report

on an entity-wide basis in their financial statements by fiscal year 2002.

In addition, public universities have many different methods of holding and managing assets. Buildings and grounds, debt, retirement accounts, and similar elements of a public university's total assets appear in different places for different institutions and systems. In some states, plant belongs to the state and is accounted for as a part of the state's assets. Retirement fund balances and large obligations such as worker's compensation or liability and property insurance can belong to the state and not the university. Debt may be located at a university campus, consolidated for many universities at a system office, or held by the state itself. The variety and significance of these different methods of managing public money for universities are exceptional. In addition, universities, public and private, hold other kinds of assets in different ways. Medical practice plans, hospital assets and budgets, athletic association funds, private endowment balances and income, and similar sources of funds can appear inside the university's accounting system or within other entities. Although, in theory, detailed work with state and institutional accounts might permit a resolution of some of these problems, as a practical matter we do not believe we have the tools yet to construct a clear, institution-to-institution comparison of total assets.

Endowment-Equivalent

Nonetheless, money matters. In exploring the trade-off between complexity and money that is part of the explanation for public research university success in the competition with private universities, we developed a rough sketch of the comparative endowment and endowment-equivalent resources available to public and private research universities. To do this, we drew our inspiration from a notion originally proposed by Bradburd and Mann (1993). Looking only at

research universities, we start with their 1999 endowment assets at market value. Then, we take their annual giving for 1999 and convert this to an endowment-equivalent.

By endowment-equivalent, we mean the amount of endowment that would be required to generate this annual giving income stream. We assume an endowment payout of 4.5%, which represents the generally accepted and widely used 5% spending formula calculated upon a moving three-year (or 12-quarter) average. We derived this estimate from the methodology used by Moody's Investors Service for evaluating the creditworthiness of colleges and universities.

Thus, to get the endowment-equivalent of the annual giving stream, we take annual giving and divide it by 0.045. Using the same methodology, we convert the state appropriation into an endowment-equivalent. This is obviously a much more important element for public than for private universities, but many private institutions have state subsidies of various kinds.

The final income stream we identify is gross tuition and fees. Although tuition is widely discounted through institutional financial aid, our interest is in the potential endowment-equivalent resources available to the university, and so for this purpose we use the gross tuition and fees. We also convert this income stream into an endowment-equivalent.

To get the total endowment-equivalent for private and public universities we add these items:

- regular endowment
- annual giving endowment-equivalent
- state appropriation endowment-equivalent
- tuition and fees endowment-equivalent

These calculations do not provide a total for all university assets that generate income or value for the university. Accounting rules and practices for universities, as we have mentioned before, do not lend themselves to a clear understanding of the institution's total resources. Especially for public universities, many elements of the university's total resources may not even appear on the university's financial statements. For example, in some states, the state pays debt service and carries this expenditure on the state's accounts, not the universities'. As a result, the university has the use of more resources than appear on its statements because the institutional financial reports understate the institution's income by the amount of debt service paid on its behalf by the state. Not all resources held in private foundations on behalf of the institution or in various auxiliaries that support the institution appear in uni-

versity reports. When universities are part of complex systems as described previously, the distribution of the costs and benefits of the system may not appear in ways easily attributable to the university benefited or charged.

All of this recommends significant caution when using the data we develop and present here. The purpose of the exercise is to assess in a general way the relative economic strength of public and private research universities, not to present a comprehensive and complete analysis of institutional assets and liabilities, or to compare individual institutions. Our interest in a general comparison of public and private institutions is to show how public universities, by virtue of the constant support provided by their state governments from tax revenues, often have comparable financial resources to invest in quality, compared to private universities with apparently large endowments. This is a conservative approach because most of the errors that come from the inability to deal with capital expenses reduce the apparent resources of the public universities. That is, they have more to work with than we have captured here. If we can show that the public institutions appear to have as much or more in financial resources than many of their private counterparts, we are likely underestimating the public institution's advantage.

Differences in scale among universities suggest another adjustment. Some of the apparent financial strength of the public institution may be deceptive because it reflects the cost of large-scale undergraduate instruction. This is an important function of public universities. It is not, however, one of the competitive issues for research universities who compete for student quality and faculty research productivity. To adjust for this factor of scale, we also present the data after deducting the endowment-equivalent supporting basic instruction. We use \$7,000 as the basic cost for an undergraduate FTE, \$8,750 for a graduate FTE, and \$20,000 for a professional school FTE. The undergraduate baseline cost comes from the NACUBO *Cost of College Study* (2002), using the 10th percentile for four-year public universities and estimating graduate education at 1.25 times the baseline cost of undergraduate instruction. The estimate for the baseline cost of a professional student FTE is more tentative than the others used here. Some professional programs in medicine and veterinary medicine have very high costs; we estimate others, such as law, at much lower cost. Our estimate of \$20,000 is our best approximation of a baseline cost for professional school FTEs.

The following graphs plot the total endowment-equivalent for private and public universities in rank

order. As we showed in previous publications, about twice as many public institutions meet the minimum of \$20 million in federal research expenditures as private universities. This reflects the investment of state revenue in public universities that has allowed them to build sufficient capacity to compete successfully against their private counterparts. The graph helps us understand the basis for the emergence of the research-intensive public universities. In terms of total endowment-equivalent, before adjusting for the factor of enrollment, the graph shows that public universities rank with private universities in terms of the resources measured here at every level. This result, however, likely overstates the impact of public university resources from state appropriations for large undergraduate enrollments.

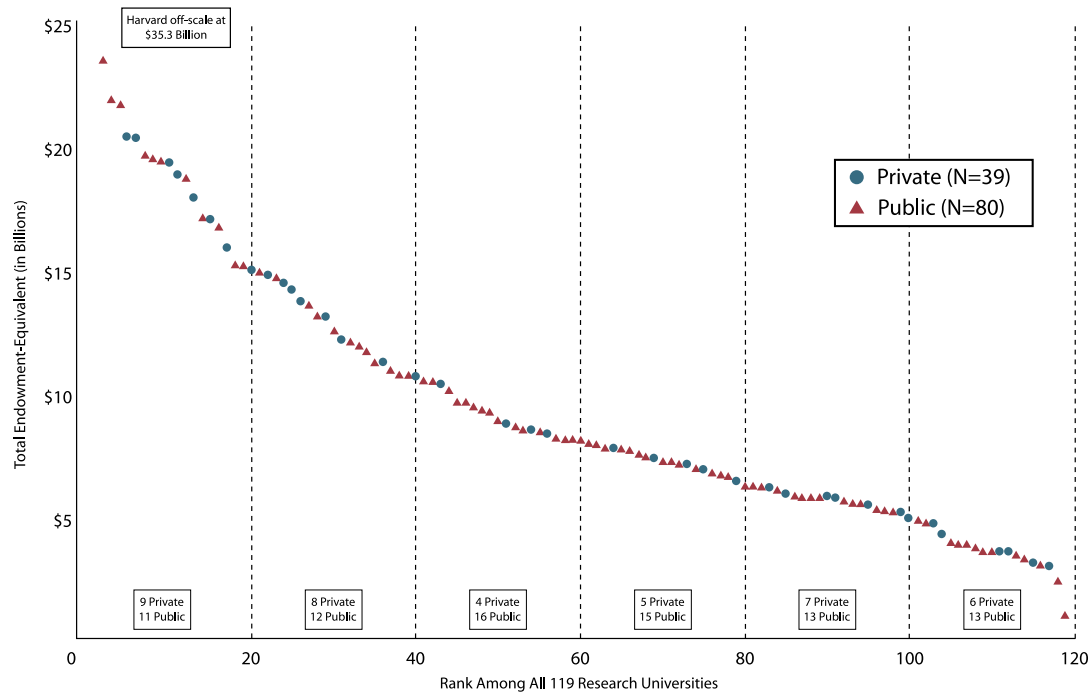
If we then adjust downward the total endowment-equivalent to account for the extra income public universities get as a result of their larger enrollments funded with state dollars and tuition and fees, the pattern changes slightly. While public universities remain competitive in every category with their private counterparts, the private institutions in the top 20 outnumber the publics. Indeed, a disproportionately smaller number in the last two groups balances the disproportionately larger number of private universities in this top group.

Insofar as success in the competition for quality requires substantial resources, the data reflect the public institution's ability to acquire the necessary funds. Public funding of public institutions more than compensates for the higher endowments of private universities.

Although this adjusted total compensates for different levels of student enrollment between public and private universities, it also compensates for different levels of enrollment within the two control groups. This has the effect of changing the order of private and public universities between their total endowment-equivalent rank and their enrollment-adjusted total endowment-equivalent rank. These changes are not particularly significant, however, as the r-square between the rankings on the adjusted vs. the non-adjusted total endowment-equivalent is 0.95 regardless of ownership. In other words, the rank order for both publics and privates changes very little with the adjustment for size.

Public funding of public institutions more than compensates for the higher endowments of private universities.

Total Endowment-Equivalent Universities with More Than \$20 Million in Federal Research in Rank Order



While these calculations do not give us a full picture of the total resources available to public and private institutions, they suggest that public universities have substantial revenues equivalent to or exceeding those of their private counterparts for investment in support of those elements of quality they identify as most important. Some of this revenue, as discussed in detail in the Williams Center papers, supports subsidies for educational quality expressed both in the form of tuition discounting and added enhancements to the quality (and expense) of undergraduate education.

The other investments support the added costs of high-quality research. As we discussed in more detail in the *The Top American Research Universities (2001)*, academic research requires extensive support from university funds because grants, contracts, and other forms of external support do not pay the full cost of the research produced. This additional support, like the subsidies and enhancements for high-quality undergraduate education, comes primarily from endowment income or, in our model, from the total endowment-equivalent income generated by public and private institutions.

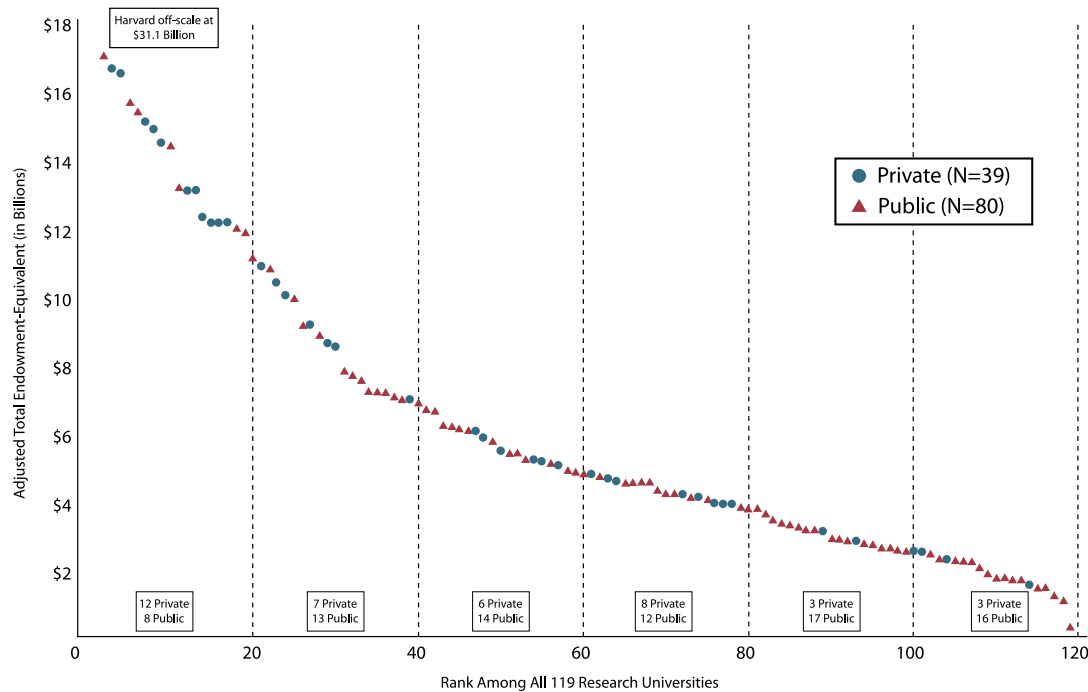
Given the substantial resources available to public institutions, as identified in this discussion, it is not surprising to find so many public universities competing successfully against private universities both for high-quality students and for research grants and contracts. Only in the top category do more private universities have enrollment-adjusted total endowment-equivalent resources than public institutions. More

detailed research may provide us with a clearer indication of this public university strength in the competition for academic quality, but our example here probably underestimates the public institution's competitive advantage in supporting the competition for institutional quality among research universities.

We have reviewed a few of the benefits that some, but not all, public institutions enjoy that do not always appear in public university accounts. In addition, we should note that these benefits can also include state-funded retirement systems, debt financing held by the state on behalf of the university, provision of sovereign immunity to faculty physicians that dramatically reduce the cost of malpractice insurance, state scholarships paid directly to students attending public universities, and similar benefits that correspond to the details of state arrangements with their public institutions. While these benefits vary greatly from public institution to public institution, all of them enhance the resources that public universities have in their competition with each other and with their private counterparts for high-quality students and research.

We have not yet fully explored the close relationship between institutional resources and the competition for federal research funding, but it appears likely that the substantial funds available to private and public universities as reflected in their adjusted total endowment-equivalents provide a source for strong support in this competition. We use the adjusted figure to estimate the potential institutional resources available to the university for supporting all forms of

Total Endowment-Equivalent Adjusted for Student FTE Enrollment Universities with More Than \$20 Million in Federal Research in Rank Order



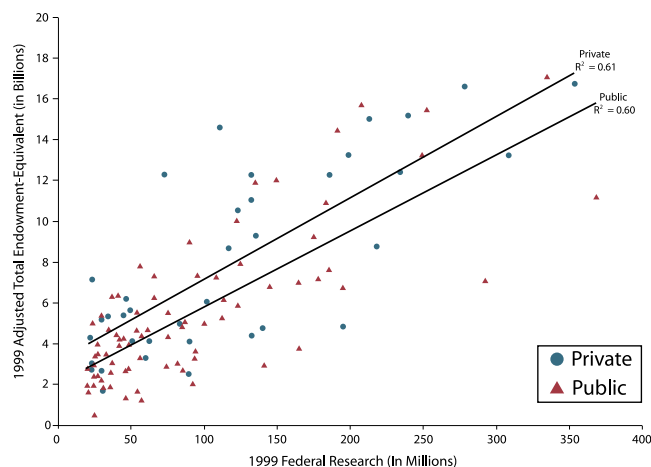
quality competition, including research, once it has covered its basic teaching costs. The plot of public and private university adjusted total endowment-equivalent against federal research expenditures shows a strong linear relationship.

In this case, the adjusted total endowment appears to explain about 60% of the variance in federal research performance for both public and private institutions. Of course, these highly competitive institutions use their disposable income to support the acquisition of quality students and other university priorities. Nonetheless, we believe this relationship reflected in the r-square of about 0.60 indicates that the substantial resources reflected in these data explain a significant part of the success of the top research universities in the competition for federal research dollars. In this calculation, we do not include John Hopkins and Harvard because they are extreme outliers on federal research and total endowment-equivalent, respectively. Their inclusion in this analysis distorts the results and reduces the private institution r-square to 0.27.

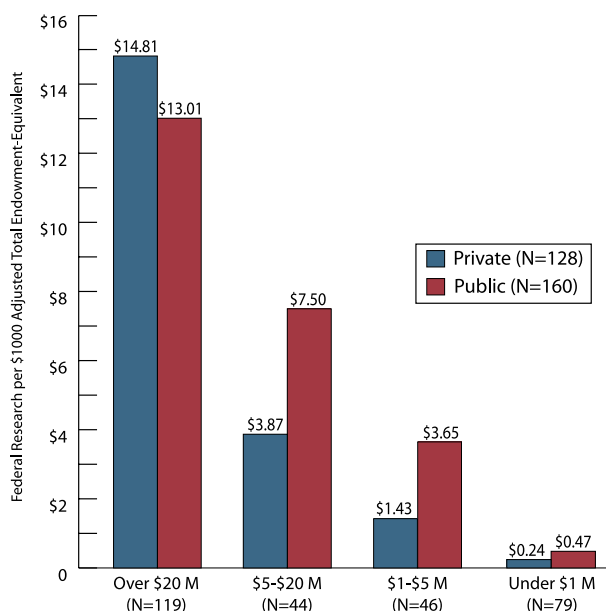
Another way to view this relationship is to look at the relationship of federal research to adjusted total endowment-equivalent. We calculated the amount of federal research expenditures per \$1,000 in adjusted total endowment-equivalent for each of the 288 institutions in our sample. We then grouped the institutions into four bands based on their level of federal research in 1999. Within each band, we calculated the median amount of federal research expenditures per \$1,000 for private and public universities separately.

In the group of universities with more than \$20 million in federal research expenditures, public and private institutions not only have similar expenditures per \$1,000 but also appear to have significantly more adjusted total endowment-equivalent resources relative to their research volume than do their less research-intensive counterparts. As we showed in last year's report, this group of institutions at the very highest level of performance is in a category of its own. The federal research expenditures per \$1,000 for private universities, in particular, demonstrate the substantial differences between this group of top competitive research universities and the other private institutions.

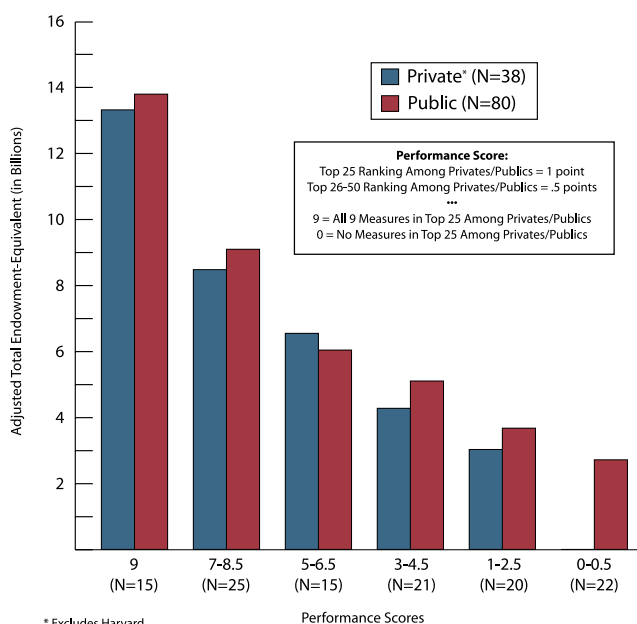
Adjusted Total Endowment-Equivalent and Federal Research Universities with More Than \$20 Million in Federal Research (excluding Harvard and Johns Hopkins)



**Federal Research per \$1000
Adjusted Total Endowment-Equivalent
Median of Research Group by Control**



**Mean Adjusted Total Endowment-Equivalent
by Performance Score and Control
Universities Over \$20 Million in Federal Research**



The more than \$20 million private institutions' median federal research expenditures per adjusted total endowment-equivalent is nearly four times as large as that of their closest competitive group (those with between \$5 and \$20 million). In contrast, the top public universities' median federal research expenditures per \$1,000 is less than two times as great as the second band of publics. Instead, the big break point for public institutions occurs at the bottom of the scale, where the median federal research expenditure per \$1,000 of the \$1 to \$5 million publics is nearly eight times as large as the median for those public universities with less than \$1 million in federal research expenditures. These relationships do not tell us how universities spend their money, but they give a sense of the resources available to institutions at the different levels of research intensity. A detailed set of case studies would allow us to understand the different ways universities allocate their funds in support of research, instruction, and other university priorities.

We also categorized the research universities in our over-\$20-million group by their performance scores in *The Top American Research University's* taxonomy (2001). This view of the data helps us understand how the resources identified here relate to the total success of the top research universities in all the areas included in our reports. We assigned a score of 1 for every measure the institution had ranked in the top 25 by control (public and private ranked separately) and a score of 0.5 for every measure the institution had ranked from 26 to 50. Universities can range from a high score of 9 (all top 25 rankings) to a low of zero (no rankings in the top 50). The chart included here clearly shows that the universities in the group with the highest performance on our measures also enjoyed, by far, the highest mean adjusted total endowment-equivalents. Reinforcing our earlier examination by rank order, in nearly every performance category, public universities have higher mean adjusted endowment-equivalents than their private counterparts.

In short, money matters. Public universities probably have as much of it to spend subsidizing the cost of high quality as private universities do, and most public institutions have stronger resource bases of total endowment-equivalent than their private counterparts. Public institutions with high total endowment-equivalents and high performance in the quality elements defined by our reports exist under every governance type. For all universities, public or private, money matters, but public universities benefit greatly by their organization as state-supported entities. Within public universities as a group, the amount of money available to support quality is likely to be much more important than the specific details of state governance organization.

Some References on University Organization and Finance

The search for an effective and stable organizational model for state systems of higher education has a long history. The simple cataloging of the various state models alone accounts for a significant amount of effort, mostly sponsored by organizations focused on higher education such as the Carnegie Foundation, the Association of Governing Boards, and the Education Commission of the States. One of the earliest efforts to address the issue of higher education organization is in Robert J. Leonard's *The Coordination of State Institutions for Higher Education Through Supplemental Curricular Boards* (Berkeley: University of California, 1923), which, although narrow in scope because it focuses on only three states, nonetheless raises many of the issues that continue to drive organizational change today. More comprehensive early treatments came a decade later, in 1933 and 1934, when The Carnegie Foundation for the Advancement of Teaching helped sponsor Fred J. Kelly and John H. McNeely's *The State and Higher Education: Phases of Their Relationship* (New York, 1933, in cooperation with The US Office of Education) and Edward C. Elliott and M.M. Chambers' *Charters and Basic Laws of Selected American Universities and Colleges* (New York, 1934, in cooperation with Purdue University). *The State and Higher Education* offered a comprehensive review of college and university organization in 10 selected states with charts outlining the composition of boards and their functions and relationships along with other information on the missions of institutions including a chapter on "The Trend toward Unified Control." *Charters and Basic Laws* gives a succinct summary of the charters and powers of 51 universities, over half of which are private. All of the themes that inform subsequent studies of this topic of university organization appear in these pre-World War II publications – further evidence of the persistence of the dilemmas faced by public university organizations and the difficulty of arriving at satisfactory organizational paradigms.

Over the years, a significant literature on these topics emerged, responding in part to the endless changes and modifications in university governance and the characteristics of state university organization. For an interesting account of the process by which "colleges" became "universities," see Christopher C. Morphew's article, "A Rose by Any Other Name": Which Colleges Became Universities," *The Review of Higher Education* (25:2, 2002) 207-223. The renewed

interest in the topic of organization of state systems that marked the 1960s is visible in a comprehensive review of *State Boards Responsible for Higher Education* by S.V. Martorana and Ernest V. Hollis (Washington, D.C.: U.S. Department of Health, Education, and Welfare, 1960). This state-by-state analysis with organizational diagrams and a variety of other analytical and descriptive information outlines the functions, powers, and responsibilities of the various units within these organizations. A slightly later view revisits these questions in a series of essays edited by W. John Minter, *Campus and Capitol: Higher Education and the State* (Boulder, Colorado: Western Interstate Commission for Higher Education, 1966). Of particular interest for our purposes are three essays on state higher education coordination and the excellent annotated bibliographies that accompany them: Samuel B. Gould, "The University and State Government," pp. 2-15; Daniel G. Aldrich, Jr., "Maintaining Institutional Identity and Autonomy in Coordinated Systems," pp. 16-24; Lyman A. Glenny, "Politics and Current Patterns in Coordinating Higher Education," pp. 26-46; and the annotated bibliographies on pp. 121-147.

The 1971 report on *The Multicampus University: A Study of Academic Governance* sponsored by The Carnegie Commission on Higher Education by Eugene C. Lee and Frank M. Bowen (New York: McGraw-Hill, 1971) provides another effective update on the evolution of university systems and once again illustrates the continuity of issues and the contextual nature of university organization. The authors offer this conclusion that sounds as current to us today as it must have in 1971 (pp.421-422):

"The *organization* of higher education will not determine the place or the future of the university in society. Whether a state has a single-board system or single-campus institutions; whether it has a strong coordinating agency or a multicampus system...; or whether it has some combination of these—none of these factors will *in and of itself* solve the problems of higher education in the 1970s. [. . .] None of the alternative patterns of organization is better or worse in abstract. They take shape and can be evaluated only in terms of the environment within which they are set. Particular sets of political and social circumstances may dictate a pattern of organization which could not survive in a different context."

Indeed, the same authors have this to say in their introduction to an excellent volume of essays published in 1999 (Gerald H. Gaither, ed., *The Multicampus System: Perspectives on Practice and Prospects*, Sterling, Virginia: Stylus Publishing, 1999, p. x):

"The world is a different place than it was thirty years ago. But have multicampus systems changed as much as the world around them? *Plus ça change, plus c'est la même chose*. As significant as are the changes discussed in the essays, much remains the same."

Robert O. Berdahl, in "A View from the Bridge: Higher Education at the Macro-Management Level," *The Review of Higher Education* (2000, 24:1) 103-112, a review of Gaither (ed.), *The Multicampus System* (1999), and in Richard Richardson, Kathy Bracco, Patrick Callan, and Joni Finney, *Designing State Higher Education Systems for a New Century* (Phoenix, AZ: American Council on Education/Oryx Press, 1999), offers an insightful view of these issues, drawing on the perspective of 30 years of involvement in this conversation as reflected in his earlier much-cited work *Statewide Coordination of Higher Education* (Washington, DC: American Council on Education, 1971).

Reflecting the continuity of issues and concerns that define the organizational efforts of states on behalf of public higher education as viewed from the mid 1980s, John D. Millett's *Conflict in Higher Education: State Government Coordination Versus Institutional Independence* (San Francisco: Jossey-Bass, 1984) provides a useful historical view and an in-depth analysis of 25 states categorized by the author's typology of higher education governance systems. In the late 1990s, D. Bruce Johnstone revisited this discussion based on his many contributions to our understanding of system operations and university finance in an excellent essay on "Management and Leadership Challenges of Multicampus Systems," in the Gaither volume mentioned above.

In 1995 Richard Novak compiled an annotated bibliography that provides a good overview of the literature in *Statewide Governance, Coordination, and Trusteeship in Public Higher Education: An Annotated Bibliography* (Washington, DC: Association of Governing Boards of Universities and Colleges [AGB], 1995). Indeed, the AGB's commitment to this topic is understandably keen, and the association has sponsored a number of publications that explore the controversies and conversation about the best way to organize and manage public universities. For examples of this literature, see the collection of articles from the AGB-sponsored magazine *Trusteeship* that appears in

Trusteeship Portfolios, Governance of Public Higher Education (Washington, DC: AGB, 1999), many of which speak to either organizational issues directly or to the difficulties of managing universities within existing organizational models. This follows on the AGB's publication *Bridging the Gap: Between State Government and Public Higher Education* (Washington, DC: AGB, 1998), a call to action on various issues of governance that touches on questions of organization and the distribution of responsibility and authority.

Another useful study appeared in 1998 sponsored by The National Center for Public Policy and Higher Education (Richard C. Richardson, Jr., et al., *Higher Education Governance: Balancing Institutional and Market Influences* (San Jose, California, November 1998) that used a seven-state analysis to illustrate a new analytic model. In rejecting the classic definitions of state organization (consolidated governing boards, coordinating governing boards, and planning boards), the authors wrote "...these three designations, despite their earlier usefulness, are now insufficient for examining the relationships between public policy and state systems that overarch individual institutions" (p. 5). They propose instead a taxonomy using segmented, unified, and federal as the appropriate descriptors and focus on the policy issues that states address when they decide on governance structure, educational mission, institutional capacity, and work processes.

Among the agencies concerned with these issues, exceptionally detailed and current information on public higher education organization appears through the work of the Education Commission of the States [ECS]. In addition to the useful paper by Aims C. McGinness, "Governance and Coordination: Definitions and Distinctions" (Denver: ECS Policy Brief, December 2001, accessed 2002 at [<http://www.ecs.org/clearinghouse/31/62/3162.htm>]), that reinforces the categorization of governing systems used by many observers and draws on the work of Clark Kerr and Marian Gade in *The Guardians: Boards of Trustees of American Colleges and Universities: What Do They Do and How Well Do They Do It?* (Washington, D.C.: AGB, 1989), the AGB publishes a comprehensive database on postsecondary governance structures on its web site. The data available there includes "A report containing all information available in the Postsecondary Governance Structures Database for a single state," "Information on individual topics from all 50 states, where available," and the opportunity to "Select one or more states and specific comparative information to be displayed in a single on-line report" *ECS Tools & Resources: Postsecondary Governance Structures Database* (Denver: ECS, accessed 2002 at [[http://www.ecs.org/clearing-](http://www.ecs.org/clearinghouse/31/62/3162.htm)

house/31/02/3102.htm]). Aims C. McGinness also has an interesting presentation of organizational diagrams in “Models of Postsecondary Education Coordination and Governance in the States” (Denver: ECS, accessed 2002 at [<http://www.ecs.org/clearinghouse/34/23/3423.htm>]). J. Fredericks Volkwein demonstrates that “Changes in Quality among Public Universities” is more a function of their resources than a function of their state’s regulatory system in his article in the *Journal of Higher Education* (60:2, 1989, 136-151).

Finally, for those interested in the long history and evolution of university organization, *The Academic Corporation: A History of College and University Governing Boards* by Edwin D. Duryea (New York: Falmer Press, 2000) offers a review that begins with “Medieval Origins.” This book primarily addresses the powers and legal status of universities private and public and has a thorough discussion of the various significant court cases relevant to this concern. The author looked at the founding documents of 26 private institutions and those of the public universities in 22 states. In addition, there is a very useful bibliography of relevant court cases.

These represent but a sampling of the extensive literature on university governance. While our focus here is on organization, the materials on other topics related to decision making, faculty governance, and other such issues is even more extensive.

The topic of university money, in all its forms, has a large and fascinating academic literature. Economists, education researchers, and many others have explored the topic of university finance from many different directions. Because of the many difficulties of using university-supplied economic data, most of the studies deal with subsets of the academic finance universe. For a quick introduction to the problems of identifying university costs, the report *Explaining College Costs: NACUBO’s Methodology For Identifying The Costs of Delivering Undergraduate Education* (Washington, DC: National Association of College and University Business Officers, 2002 accessed on-line July 2002 at [http://www.nacubo.org/public_policy/cost_of_college/final_report.pdf]) provides a good discussion on accounting issues and difficulties of estimating the costs of undergraduate education. It also provides some estimates of cost ranges using its methodology that proved helpful in our work here. Our calculations on endowment payout follow the methodology in Moody’s Investors Service, “Moody’s Introduces New Concepts to Measure Operating Performance and Leverage” (Special Comment Report, No. 41612) (New York, 1999).

Exceptionally creative work on the issue of instructional costs, pricing, and tuition discounting have come from the Williams Center project mentioned various times in the text. The papers produced on these topics appear on the *The Williams Project on the Economics of Higher Education* web site at [<http://www.williams.edu/Mellon/project.html>] and accessed in July 2002. Of particular interest is the paper on “Saving, Wealth, Performance, and Revenues in US Colleges and Universities” by Gordon C. Winston, Jared C. Carbone, and Laurie C. Hurshman (Williamstown, MA: *The Williams Project*, 2001), although the entire series of papers on the site are required reading for those interested in the operation of college and university finance. For our purposes in this paper, we have drawn heavily on the framework developed by Winston and colleagues for understanding the institutional competition for high-quality students and applied a similar approach to our understanding of research university competition for research faculty and their grants and contracts. In both cases, the university subsidizes the competition. For students, the mechanism involves tuition discounting and high-cost undergraduate programs and service; for research, the mechanism involves market-competitive salaries and benefits for scarce research-competent faculty and subsidies for the unreimbursed cost of their national research competition for grants, contracts, foundation support, and publication success. Also helpful in formulating this paper is the article mentioned above by Ralph M. Bradburd and Duncan P. Mann, “Wealth in Higher Education Institutions,” *Journal of Higher Education* (64,1993; 472-493) and available on-line through JSTOR.

Of considerable utility in this conversation is Irwin Feller’s article on “The Determinants of Research Competitiveness Among Universities” in *Albert H. Teich, ed., Competitiveness in Academic Research* (Washington, DC: American Association for the Advancement of Science, 1996, pp. 35-72), where he clearly outlines the importance of institutional and other subsidies that pay for the costs of this competition. Sheila Slaughter and Larry L. Leslie in *Academic Capitalism* (Baltimore: Johns Hopkins University Press, 1997) offer a strong discussion of the impact of externally driven research competition on the internal academic structure and behavior of universities. The focus on faculty incentives and competition also has a long tradition. See, for example, the following two articles that illustrate the clear relationship between research and reward at the individual faculty level. James F. Ragan, Jr., John T. Warren, and Bernt Bratsberg focus on the microcosm of the economics

department in their "How Similar are Pay Structures in 'Similar' Departments of Economics?" *Economics of Education Review* (18:1999, 347-360) and demonstrate that high-quality research publication returns high rewards to faculty to compete successfully, further supporting the impact of national guild quality assessment on individual campus faculty and the rewards provided for their research work. James S. Fairweather's "Myths and Realities of Academic Labor Markets," in *The Economics of Education Review* (14:1995, 179-192), looks at the whole of the faculty marketplace and finds that while there is some segmentation of the market by institution type, every institution seeks out research-capable faculty and the price for research talent is nationally determined.

The topic of university revenue and expenditures and institutional finance is an endlessly fascinating and frustrating topic. See, for an example, Daniel T. Layzell's *Budgeting for Higher Education at the State Level: Enigma, Paradox, and Ritual* (Washington, DC: George Washington University, 1990), D. Kent Halstead's *Higher Education Revenues and Expenditures: A Study of Institutional Costs* (Washington, DC: Research Associates of Washington, 1991), and especially the more recent review of the state of the conversation in D. Bruce Johnstone, "Patterns of Finance: Revolution, Evolution, or More of the Same?" *The Review of Higher Education*. (21:1998, 245-255)

accessed on-line July 2002 at [http://www.press.jhu.edu/journals/review_of_higher_education/v021/21.3johnstone.html]. The articles in Patrick M. Callan, et al., eds. *Public and Private Financing of Higher Education: Shaping Public Policy for the Future* (Phoenix: Oryx Press, 1997) speak to the complex array of financial resources supporting higher education and make some predictions about the future. An interesting accounting and risk analysis perspective on private university resources is in Ronald E. Salluzzo, Frederic J. Prager, et al., *Ratio Analysis in Higher Education. Measuring Past Performance to Chart Future Direction* (4th ed., n.p., KPMG, LLP and Prager, McCarthy Sealy, LLC, 1999).

Finally, the federal government provides data on institution resources in *Financial Statistics of Institutions of Higher Education; Current Funds, Revenues and Expenditures* (Washington, DC: National Center for Educational Statistics, various dates), but these data are not easily used for the purposes of the kind of discussion presented here. Based on the IPEDS data collection system, the data collection and reporting system create some problems of interpretation, completeness, and consistency that render their usefulness for some purposes problematical. *TheCenter* staff is developing a discussion paper that will address these technical concerns, scheduled for publication in late Fall 2002.

Appendix: Endowment-Equivalent Data and Calculations

Calculations

The following table lists each of the research universities used in our calculation and analysis of endowment-equivalent resources (see Cost, Complexity, Regulation, and Money, pp. 20-22). These 119 institutions (39 private and 80 public) include those with more than \$20 million in federal research expenditures in fiscal year 1999, and exclude stand-alone medical schools and any institutions that did not have all five key elements for this study—student enrollment, endowment assets, annual giving, state appropriations, and tuition and fees.

The Total Endowment-Equivalent is the sum of these four variables, with the latter three converted to a comparable endowment-equivalent (i.e., assuming a 4.5% payout rate, we divide each figure by .045):

Endowment Assets Market Value is obtained from the 1999 NACUBO Endowment Study, with adjustments made for single-campus institutions that report as a system or multi-campus university (see Data Notes for further details on adjustments, p. 163).

Annual Giving data are obtained from the Council for Aid to Education's 1999 Voluntary Support of Education Survey, with adjustments if necessary.

State Appropriations data are from the IPEDS 1999 Finance Survey (Form F-1, Line A043, for public universities; Form F-2, Line A041, for privates).

Gross Tuition and Fees data are from the IPEDS 1999 Finance Survey (Form F-1, Line C2d, for public universities; Form F-2, Line A01_1 and AA08, for privates).

The **Adjustment for Student Enrollment** is based on Fall 1999 Student Headcount data reported in IPEDS Fall Enrollment Study (Form EF-1). We use the conventional formula for converting to an FTE Headcount—three part-time students equal one full-time student. We then multiply the FTE headcount by the following estimated baseline costs of education per level:

\$7,000 per undergraduate FTE headcount

\$8,750 per graduate FTE headcount

\$20,000 per professional FTE headcount

The Adjusted Total Endowment-Equivalent is equal to the Total Endowment-Equivalent minus the Adjustment for Student Enrollment.

Endowment-Equivalent Components and Size Adjustment for Selected Over \$20 Million Universities*

Control	Institution (In descending order of Adjusted Total Endowment-Equivalent)	1999 Endowment Assets Market Value	1999 Endowment- Equivalent Annual Giving	1999 Endowment- Equivalent State Appropriation	1999 Endowment- Equivalent Tuition & Fees	1999 Total Endowment- Equivalent	Adjustment for 1999 Student Enrollment	1999 Adjusted Total Endowment- Equivalent
Private	Harvard University	14,255,996	10,037,156	-	11,018,356	35,311,507	4,225,829	31,085,679
Public	University of Michigan - Ann Arbor	2,424,588	3,775,844	7,330,982	10,187,931	23,719,345	6,550,455	17,168,890
Private	Stanford University	6,005,211	7,102,000	-	6,429,622	19,536,833	2,771,492	16,765,341
Private	University of Pennsylvania	3,281,342	6,001,356	817,600	10,423,533	20,523,831	3,935,464	16,588,367
Public	University of Minnesota - Twin Cities	1,509,769	3,599,244	11,804,626	5,192,034	22,105,674	6,317,631	15,788,043
Public	University of California - Los Angeles	1,103,038	4,626,756	11,094,156	5,100,067	21,924,016	6,381,320	15,542,696
Private	Columbia University	3,636,621	6,321,933	82,267	8,986,467	19,027,288	3,833,199	15,194,089
Private	Yale University	7,197,900	4,987,622	-	5,042,556	17,228,078	2,234,412	14,993,666
Private	New York University	1,035,900	2,845,422	121,956	16,566,289	20,569,567	5,956,817	14,612,750
Public	University of California - Berkeley	1,654,557	4,094,022	8,775,800	5,199,800	19,724,179	5,179,608	14,544,571
Public	University of Wisconsin - Madison	909,834	5,452,933	8,106,423	5,398,922	19,868,112	6,554,848	13,313,265
Private	Massachusetts Institute of Technology	4,287,701	4,631,933	-	6,074,244	14,993,879	1,784,828	13,209,051
Private	University of Southern California	1,589,833	4,817,422	-	11,713,222	18,120,477	4,911,713	13,208,765
Private	Cornell University	2,869,103	7,585,756	3,946,789	1,692,052	16,093,700	3,687,918	12,405,782
Private	Princeton University	6,469,200	3,535,111	-	3,336,511	13,340,822	1,058,444	12,282,379
Private	Emory University	4,475,755	5,197,778	-	4,750,111	14,423,644	2,146,384	12,277,260
Private	Duke University	1,678,728	7,355,378	-	5,613,733	14,647,839	2,386,840	12,260,999
Public	Texas A&M University	3,596,759	2,746,222	8,372,507	4,218,896	18,934,384	6,816,145	12,118,238
Public	Ohio State University - Columbus	1,086,350	3,409,711	8,534,762	6,610,183	19,641,006	7,656,874	11,984,132
Public	University of Washington - Seattle	745,217	4,683,222	6,361,022	5,141,178	16,930,639	5,667,350	11,263,289
Private	Northwestern University	2,634,850	3,212,222	-	8,092,400	13,939,472	2,925,031	11,014,441
Public	University of North Carolina - Chapel Hill	925,746	3,295,778	8,497,156	2,453,333	15,172,013	4,214,823	10,957,189
Private	Boston University	652,161	1,630,556	-	12,928,870	15,211,586	4,688,758	10,522,828
Private	Johns Hopkins University	1,520,793	4,599,400	310,444	5,953,444	12,384,082	2,222,115	10,161,967
Public	University of Florida	601,813	3,008,644	10,920,000	2,813,356	17,343,813	7,257,706	10,086,107
Public	Pennsylvania State University - University Park	633,748	2,492,467	4,849,373	7,432,956	15,408,544	6,104,893	9,303,652
Private	University of Chicago	2,762,686	2,681,400	-	6,026,163	11,470,249	2,182,466	9,287,782
Public	Michigan State University	265,238	2,314,133	7,625,572	5,268,334	15,473,278	6,459,180	9,014,098
Private	Washington University in St. Louis	3,761,686	2,541,489	-	4,559,444	10,862,619	2,112,252	8,750,367
Private	Vanderbilt University	1,831,766	4,292,956	-	4,482,680	10,607,402	1,945,782	8,661,620
Public	University of California - Davis	300,828	1,182,867	7,714,800	2,969,578	12,168,072	4,190,435	7,977,637
Public	University of Georgia	334,534	945,200	8,938,384	2,545,197	12,763,314	4,914,913	7,848,401
Public	University of Illinois - Urbana-Champaign	522,607	2,344,000	6,652,621	4,315,938	13,835,166	6,146,249	7,688,917
Public	Purdue University - West Lafayette	1,222,411	1,821,422	5,579,954	4,766,477	13,390,265	5,991,567	7,398,698
Public	North Carolina State University	275,532	1,666,644	7,454,916	1,765,839	11,162,932	3,800,595	7,362,337
Public	University of Virginia	1,398,068	2,937,422	3,032,980	3,633,056	11,001,526	3,677,228	7,324,297
Public	University of Arizona	272,950	1,707,533	6,979,589	3,352,310	12,312,382	5,093,684	7,218,698
Public	University of California - San Diego	200,552	2,549,689	5,195,489	2,462,267	10,407,996	3,250,481	7,157,516
Private	University of Notre Dame	1,984,256	2,522,822	-	4,502,689	9,009,767	1,871,367	7,138,400
Public	University of Texas - Austin	1,355,016	2,954,222	5,676,625	4,906,188	14,892,052	7,825,047	7,067,005
Public	University of Maryland - College Park	314,183	1,117,978	6,071,824	3,998,828	11,502,814	4,648,564	6,854,250
Public	University of Pittsburgh - Pittsburgh	854,840	1,457,200	3,515,667	5,176,468	11,004,175	4,194,428	6,809,747
Public	Indiana University - Bloomington	400,000	1,771,533	4,535,531	5,219,659	11,926,723	5,521,501	6,405,222
Public	University of Nebraska - Lincoln	429,991	3,444,444	4,109,991	1,609,964	9,594,390	3,224,713	6,369,678
Public	Georgia Institute of Technology	948,600	1,837,822	4,182,134	1,493,082	8,461,639	2,173,877	6,287,762
Public	University of Kentucky	327,644	1,167,556	6,189,243	2,220,823	9,905,265	3,625,435	6,279,830
Private	Dartmouth College	1,710,585	2,375,400	-	3,048,549	7,134,534	933,974	6,200,561
Private	University of Miami	428,571	1,905,244	354,363	5,893,579	8,581,757	2,562,533	6,019,224
Public	University of Iowa	476,800	1,811,378	5,709,796	2,732,211	10,730,184	4,798,362	5,931,823
Private	George Washington University	673,589	978,200	-	7,088,455	8,740,244	3,124,712	5,615,533

Endowment-Equivalent Components and Size Adjustment for Selected Over \$20 Million Universities* (cont.)

Control	Institution (In descending order of Adjusted Total Endowment-Equivalent)	1999 Endowment Assets Market Value	1999 Endowment- Equivalent Annual Giving	1999 Endowment- Equivalent State Appropriation	1999 Endowment- Equivalent Tuition & Fees	1999 Total Endowment- Equivalent	Adjustment for 1999 Student Enrollment	1999 Adjusted Total Endowment- Equivalent
Public	Iowa State University	266,348	1,099,778	5,834,442	2,282,133	9,482,700	3,893,219	5,589,481
Public	Virginia Polytechnic Institute and State University	340,244	1,586,067	4,512,065	3,431,155	9,869,531	4,287,326	5,582,205
Public	Temple University	141,527	986,333	3,544,156	5,017,133	9,689,149	4,286,664	5,402,485
Private	Brown University	1,181,514	1,668,667	1,667	3,804,467	6,656,314	1,301,883	5,354,431
Private	Rice University	2,936,622	1,741,378	-	1,362,911	6,040,911	707,455	5,333,456
Public	University of Utah	269,430	2,789,867	4,015,022	1,602,733	8,677,052	3,366,438	5,310,614
Private	Syracuse University	641,466	748,511	49,720	6,573,796	8,013,493	2,797,378	5,216,115
Public	University of Illinois - Chicago	106,154	781,333	5,867,337	2,406,764	9,161,588	4,073,425	5,088,163
Public	University of Connecticut - Storrs	100,019	523,356	4,737,372	2,460,946	7,821,692	2,771,511	5,050,181
Public	University of Cincinnati - Cincinnati	898,976	905,889	3,839,337	3,259,991	8,904,193	3,891,731	5,012,462
Private	Georgetown University	684,193	1,823,956	-	5,084,778	7,592,926	2,660,972	4,931,954
Public	University at Buffalo	438,002	372,422	5,749,837	2,224,756	8,785,017	3,872,596	4,912,421
Private	California Institute of Technology	1,333,229	3,068,689	-	752,400	5,154,318	332,033	4,822,285
Private	Case Western Reserve University	1,434,200	1,674,267	117,556	3,209,244	6,435,267	1,681,988	4,753,279
Public	University of Missouri - Columbia	350,319	897,133	4,114,272	3,024,866	8,386,590	3,653,738	4,732,852
Public	University of Delaware	777,349	891,267	1,996,371	4,034,428	7,699,415	2,968,426	4,730,989
Public	Indiana University-Purdue University - Indianapolis	350,000	1,594,400	4,091,212	2,319,584	8,355,196	3,628,765	4,726,431
Public	Arizona State University - Tempe	183,440	1,035,778	5,717,422	3,804,333	10,740,973	6,029,743	4,711,231
Public	University of Massachusetts - Amherst	60,579	428,178	4,462,400	3,055,356	8,006,512	3,503,666	4,502,846
Public	Wayne State University	146,275	760,444	5,143,921	2,329,759	8,380,400	3,963,536	4,416,864
Public	University of California - Irvine	100,276	1,078,778	3,929,422	2,405,822	7,514,298	3,115,880	4,398,419
Private	University of Rochester	1,119,027	1,073,800	32,156	3,494,844	5,719,827	1,348,488	4,371,339
Public	Washington State University - Pullman	421,402	916,444	3,806,648	2,248,787	7,393,281	3,094,051	4,299,230
Private	Northeastern University	396,205	628,178	-	6,349,546	7,373,929	3,080,704	4,293,225
Public	University of Tennessee - Knoxville	151,240	947,289	4,885,746	2,280,498	8,264,773	4,011,225	4,253,548
Private	Tufts University	464,107	1,167,889	116,111	4,280,619	6,028,726	1,923,293	4,105,433
Private	Carnegie Mellon University	719,320	906,978	-	3,776,335	5,402,633	1,311,896	4,090,737
Private	Tulane University	548,305	1,337,778	26,733	4,261,622	6,174,438	2,097,321	4,077,117
Public	Clemson University	214,566	740,311	3,614,423	1,925,353	6,494,653	2,480,236	4,014,417
Public	University of South Florida	202,784	437,644	5,944,343	1,468,667	8,053,439	4,069,261	3,984,177
Public	University of South Carolina - Columbia	253,775	1,120,822	3,560,904	2,591,833	7,527,334	3,552,428	3,974,906
Public	University of Alabama - Birmingham	204,680	846,556	3,694,341	1,313,618	6,059,194	2,234,229	3,824,965
Public	University at Stony Brook	22,383	257,400	4,478,928	1,695,649	6,454,360	2,792,290	3,662,070
Public	University of Kansas - Lawrence	613,338	1,438,600	2,735,259	2,426,281	7,213,478	3,660,577	3,552,901
Public	Auburn University - Auburn	233,049	842,467	3,733,182	2,114,228	6,922,925	3,401,334	3,521,592
Public	West Virginia University	254,576	624,178	3,948,834	2,114,047	6,941,635	3,502,438	3,439,197
Public	Florida State University	247,471	1,211,111	4,724,683	1,999,718	8,182,983	4,805,880	3,377,103
Public	University of Hawaii - Manoa	146,459	298,911	3,874,512	1,508,100	5,827,982	2,460,014	3,367,968
Private	Wake Forest University	857,938	1,047,978	35,156	2,557,988	4,499,060	1,202,247	3,296,813
Public	Louisiana State University - Baton Rouge	176,925	855,556	4,622,370	2,278,580	7,933,431	4,827,557	3,105,874
Public	Oregon State University	241,973	910,178	2,575,223	1,749,047	5,476,420	2,414,946	3,061,474
Public	Oklahoma State University - Stillwater	156,074	779,733	3,642,316	1,355,365	5,933,488	2,879,380	3,054,107
Private	Saint Louis University - St. Louis	907,822	670,267	-	3,373,534	4,951,623	1,951,319	3,000,304
Public	University of Colorado - Boulder	195,585	1,152,733	1,658,484	4,047,063	7,053,865	4,077,690	2,976,175
Public	University of California - Santa Barbara	100,276	431,889	3,516,889	2,028,800	6,077,854	3,128,705	2,949,149
Public	Texas Tech University	197,532	1,344,178	2,945,039	2,024,881	6,511,630	3,670,800	2,840,830
Public	Virginia Commonwealth University	200,793	611,267	3,264,124	2,040,229	6,116,413	3,294,524	2,821,889
Public	University of New Mexico - Albuquerque	193,377	562,356	4,084,286	1,221,062	6,061,080	3,317,046	2,744,033
Public	Mississippi State University	160,399	585,000	3,000,404	1,287,907	5,033,710	2,291,251	2,742,459
Private	Rensselaer Polytechnic Institute	516,238	810,356	19,622	2,503,622	3,849,838	1,118,000	2,731,838

Endowment-Equivalent Components and Size Adjustment for Selected Over \$20 Million Universities* (cont.)

Control	Institution (In descending order of Adjusted Total Endowment-Equivalent)	1999 Endowment Assets Market Value	1999 Endowment- Equivalent Annual Giving	1999 Endowment- Equivalent State Appropriation	1999 Endowment- Equivalent Tuition & Fees	1999 Total Endowment- Equivalent	Adjustment for 1999 Student Enrollment	1999 Adjusted Total Endowment- Equivalent
Private	Brandeis University	355,012	967,422	-	2,051,003	3,373,438	694,063	2,679,375
Public	University of Vermont	180,423	507,067	632,289	2,839,978	4,159,756	1,503,951	2,655,805
Public	University of California - Santa Cruz	50,138	501,244	2,130,311	1,560,978	4,242,671	1,730,126	2,512,546
Private	Yeshiva University	674,833	917,756	21,245	2,196,202	3,810,036	1,328,801	2,481,235
Public	University of Oregon	214,503	1,139,333	1,221,142	2,559,745	5,134,723	2,678,900	2,455,823
Public	University of Nevada - Reno	117,139	626,800	2,431,549	849,732	4,025,221	1,588,651	2,436,569
Public	Kansas State University	152,366	778,711	3,382,260	1,184,548	5,497,886	3,071,453	2,426,433
Public	University of Oklahoma - Norman	338,762	1,004,333	2,660,133	1,579,467	5,582,695	3,317,323	2,265,372
Public	Colorado State University	84,342	471,778	2,610,267	2,653,467	5,819,853	3,739,559	2,080,294
Public	University of Idaho	110,000	490,089	2,172,635	821,923	3,594,646	1,611,651	1,982,995
Public	University of Houston - University Park	363,529	789,311	2,866,782	2,334,707	6,354,328	4,378,788	1,975,541
Public	University of Rhode Island	58,740	313,444	1,740,198	1,749,056	3,861,439	1,954,159	1,907,280
Public	University of New Hampshire - Durham	135,880	334,556	1,084,667	2,329,786	3,884,888	1,987,703	1,897,186
Private	University of Dayton	247,463	315,844	-	2,643,215	3,206,522	1,504,813	1,701,709
Public	Utah State University	64,821	466,800	2,490,873	1,128,316	4,150,810	2,455,958	1,694,851
Public	New Jersey Institute of Technology	33,719	216,311	1,333,800	1,085,822	2,669,652	993,672	1,675,981
Public	University at Albany	9,369	332,533	1,989,947	1,407,485	3,739,334	2,320,793	1,418,541
Public	New Mexico State University - Las Cruces	47,000	142,044	2,349,353	786,614	3,325,012	2,026,609	1,298,403
Public	University of Alabama - Huntsville	16,596	27,622	813,684	435,758	1,293,661	755,876	537,786

*Of the 154 research institutions (defined as those with over \$20 million in federal research in 1999), this list excludes 25 stand-alone medical schools and 10 institutions that did not provide student enrollment data or all four income measures (i.e., endowment, annual giving, state appropriations, and tuition).

Data Tables

Part I

The Top American Research Universities

TheCenter determines *The Top American Research Universities* by their rank on nine different measures: Total Research, Federal Research, Endowment Assets, Annual Giving, National Academy Members, Faculty Awards, Doctorates Granted, Postdoctoral Appointees, and Median SAT Scores. (The Source Notes section of this study provides detailed information on each of the nine indicators.) The tables group research institutions according to how many times they rank in the top 25 on each of these nine measures. The top category includes those universities that rank in the top 25 on all nine indicators. The bottom category includes universities with only one of the nine measures ranked in the top 25. Within these groups, institutions are then sorted by how many times they rank between 26 and 50 on the nine performance variables, with ties listed alphabetically. A similar methodology produces a second set of institutions—those ranked 26 through 50 on the same nine measures.

For the purpose of this study, *TheCenter* includes only those institutions that had at least \$20 million in federal research expenditures in fiscal year 2000. This is the same dollar cutoff used in our last two reports.

The first two tables list each institution with the most current data available for each measure and its corresponding national rank (i.e., rank among all institutions regardless of whether they are privately or publicly controlled). The third and fourth tables provide the same nine data measures but with the groupings determined by the control rank (i.e., rank among all private or all public institutions). Institutions ranking in the top 25 on at least one measure are included in the tables with the (1-25) identifier, while those ranking 26 through 50 are found in the tables labeled with the (26-50) header.

- **The Top American Research Universities**

(1-25) identifies the 52 institutions (25 private, 27 public) that rank in the top 25 nationally on at least one of the nine measures.

- **The Top American Research Universities**

(26-50) identifies the 32 institutions (9 private, 23 public) that rank 26 through 50 nationally on at least one of the nine measures.

- **The Top Private Research Universities (1-25)**

identifies the 36 private institutions that rank in the top 25 among all private universities on at least one of the nine measures.

- **The Top Public Research Universities (1-25)**

identifies the 44 public institutions that rank in the top 25 among all public universities on at least one of the nine measures.

- **The Top Private and Public Research**

Universities (26-50) identifies the 14 private and 38 public institutions that rank 26 through 50 among their private or public counterparts on at least one of the nine measures.

Many research universities rank highly both nationally and among their public or private peers, and therefore appear in more than one table. For example, of the 36 private institutions in the Top Private Research Universities (1-25) table, 24 universities also appear in the Top American Research Universities (1-25) table.

Data found in these tables may not always match the figures published by the original source. *TheCenter* makes adjustments, when necessary, to ensure that the data reflect the activity at a single campus rather than that of a multiple-campus institution or state university system. When data are missing from the original source, *TheCenter* may substitute another figure, if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

TheCenter presents these tables, along with prior years' top universities, in Microsoft Excel spreadsheets on its web site [<http://thecenter.ufl.edu>].

Top American Research Universities (1-25)				Research				Private	
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically		Number of Measures in Top 25 Nationally	Number of Measures in Top 26-50 Nationally	2000 Total Research x \$1000	Total Research National Rank	2000 Federal Research Assets x \$1000	Federal Research National Rank	2001 Endowment Assets x \$1000	Endowment National Rank
Private	Harvard University	9	0	341,810	22	281,699	9	17,950,843	1
Private	Massachusetts Institute of Technology	9	0	426,299	11	306,668	7	6,134,712	5
Private	Stanford University	9	0	454,780	8	367,127	3	8,249,551	4
Private	Columbia University	8	1	319,693	24	283,163	8	4,292,793	7
Private	Duke University	8	1	356,625	20	204,180	20	3,131,375	16
Private	Johns Hopkins University	8	1	901,156	1	793,266	1	1,822,713	22
Public	University of California - Berkeley	8	1	518,514	7	208,338	19	1,953,443	21
Private	University of Pennsylvania	8	1	430,389	10	312,434	6	3,381,848	12
Public	University of Michigan - Ann Arbor	8	0	551,556	3	364,033	4	3,469,536	11
Public	University of Minnesota - Twin Cities	8	0	411,380	12	229,958	15	1,650,969	24
Private	Cornell University	7	2	410,393	13	229,872	16	3,151,384	15
Private	Yale University	7	2	296,706	28	232,019	14	10,700,000	2
Public	University of California - Los Angeles	7	1	530,826	4	274,162	11	1,390,390	28
Public	University of Washington - Seattle	7	1	529,342	5	389,622	2	927,806	48
Public	University of Wisconsin - Madison	7	1	554,361	2	278,629	10	1,120,884	36
Private	University of Southern California	6	2	300,445	27	210,872	18	2,086,245	20
Private	Washington University	6	2	362,216	18	254,148	12	3,951,509	8
Public	University of California - San Francisco	6	0	443,013	9	248,878	13	873,237	53
Public	University of North Carolina - Chapel Hill	5	3	269,072	32	194,794	22	1,045,750	42
Private	Princeton University	5	2	134,875	78	74,681	72	8,359,000	3
Public	University of California - San Diego	5	2	518,559	6	326,037	5	274,143	150
Public	University of Illinois - Urbana-Champaign	5	2	373,024	15	193,490	23	601,944	78
Private	University of Chicago	4	4	170,678	60	140,872	36	3,516,238	10
Public	Pennsylvania State University - University Park	4	3	371,990	16	196,684	21	750,090	60
Public	University of Texas - Austin	4	3	272,811	31	178,889	26	1,463,114	25
Private	Northwestern University	3	5	245,774	35	150,238	32	3,256,282	13
Public	Ohio State University - Columbus	3	4	361,399	19	132,219	40	1,111,823	38
Public	Texas A&M University	3	4	397,268	14	149,639	33	3,764,843	9
Public	University of Arizona	3	4	345,090	21	187,161	25	310,174	139
Public	University of Florida	3	4	313,692	25	120,374	44	635,143	72
Public	University of Virginia	3	4	174,522	56	119,243	46	1,708,199	23
Private	California Institute of Technology	3	3	222,666	41	176,177	28	1,365,798	29
Private	Emory University	3	3	206,070	43	144,914	34	4,315,998	6
Public	University of Pittsburgh - Pittsburgh	2	5	294,809	29	228,155	17	1,103,082	39
Public	University of California - Davis	2	4	364,789	17	141,740	35	429,616	101
Private	Baylor College of Medicine	2	3	334,175	23	193,249	24	984,150	45
Private	Dartmouth College	2	2	78,874	115	56,369	92	2,414,231	18
Public	Michigan State University	2	2	227,734	39	97,112	58	448,570	93
Private	Rice University	2	1	41,840	150	35,144	120	3,243,033	14
Private	Case Western Reserve University	1	6	193,057	48	150,586	31	1,434,000	27
Public	University of Colorado - Boulder	1	5	207,973	42	178,777	27	204,598	184
Public	Purdue University - West Lafayette	1	4	234,536	37	92,010	62	1,217,118	32
Public	Rutgers the State University of NJ - New Brunswick	1	4	200,489	45	70,943	75	372,973	113
Public	University of Maryland - College Park	1	4	252,429	34	136,605	38	324,316	129
Public	University of Texas SW Medical Center - Dallas	1	4	189,216	50	109,165	49	644,909	69
Private	Vanderbilt University	1	4	171,926	59	129,986	41	2,159,614	19
Private	Brown University	1	3	81,476	113	49,943	99	1,436,607	26
Private	Rockefeller University	1	2	124,138	83	45,211	104	1,361,200	30
Private	University of Notre Dame	1	2	34,524	163	27,362	137	2,829,914	17
Public	Indiana University - Bloomington	1	1	91,095	102	43,031	108	479,918	87
Private	Yeshiva University	1	1	139,618	74	101,631	53	831,438	55
Public	Indiana University-Purdue University - Indianapolis	1	0	136,642	76	64,546	82	415,314	106

Support		Faculty				Advanced Training				Undergraduate	
2001 Annual Giving x \$1000	Giving National Rank	2001 National Academy Members	National Academy National Rank	2001 Faculty Awards	Faculty Awards National Rank	2001 Doctorates Granted	Doctorates National Rank	2000 Postdoctoral Appointees	Postdocs National Rank	2000 Median SAT	SAT National Rank
683,173	1	265	1	51	2	520	13	3491	1	1485	3
199,002	20	232	3	30	14	492	16	794	10	1485	3
468,967	2	243	2	48	3	573	9	1196	2	1460	7
358,683	3	77	11	38	7	465	19	352	37	1410	12
264,425	12	42	22	26	21	259	49	646	14	1400	16
347,732	5	64	15	39	5	384	26	1029	4	1390	18
202,607	18	199	4	47	4	759	1	933	7	1320	49
285,596	9	87	8	33	11	373	27	928	8	1425	10
209,390	17	62	16	52	1	567	10	683	12	1280	74
228,926	15	35	25	28	17	632	5	626	15	1203	161
309,473	6	80	9	22	29	470	18	610	16	1365	28
350,123	4	108	5	27	18	313	37	597	17	1465	6
263,652	13	58	17	39	5	612	7	876	9	1285	72
231,918	14	78	10	37	8	486	17	1011	5	1160	236
292,429	8	69	13	34	9	661	4	471	24	1245	108
280,986	10	36	24	22	29	522	12	515	22	1305	62
122,061	36	37	23	26	21	175	76	667	13	1370	26
271,565	11	68	14	32	12	93	135	543	20	NA	
160,375	29	35	25	30	14	398	24	578	18	1235	118
184,882	23	76	12	25	24	268	45	320	39	1490	2
93,632	50	93	6	30	14	285	42	998	6	1180	195
105,576	43	54	19	34	9	667	3	265	49	1245	108
163,615	28	56	18	27	18	371	28	355	36	1385	21
123,862	35	23	37	26	21	526	11	261	50	1185	186
179,951	25	52	20	23	27	733	2	213	62	1195	170
165,717	27	31	28	32	12	350	33	135	81	1380	22
210,551	16	15	53	23	27	620	6	288	44	1160	236
114,527	40	17	48	21	31	509	15	241	55	1180	195
103,822	45	29	29	16	42	359	31	471	24	1095	434
142,945	32	17	48	24	25	574	8	288	44	1210	147
189,900	22	19	42	27	18	316	36	402	29	1305	62
83,020	56	93	6	14	51	159	84	495	23	1515	1
297,778	7	9	67	14	51	167	80	373	33	1380	22
88,645	53	19	42	18	37	360	30	560	19	1165	231
73,286	60	28	31	24	25	337	34	449	26	1175	210
95,400	48	13	54	14	51	51	196	430	28	NA	
114,913	39	13	54	15	46	50	199	107	94	1425	10
202,007	19	6	80	14	51	414	22	284	46	1115	370
67,497	67	21	39	6	95	126	103	123	91	1410	12
180,923	24	24	34	8	79	201	67	365	34	1345	38
48,716	96	24	34	17	39	292	41	744	11	1155	258
130,735	34	16	52	19	35	464	20	243	54	1130	325
106,028	41	25	32	15	46	392	25	153	77	1180	195
75,964	59	19	42	21	31	430	21	255	52	1250	101
90,409	51	24	34	18	37	42	215	543	20	NA	
155,719	30	13	54	15	46	192	71	397	30	1310	58
79,458	57	17	48	19	35	135	98	81	114	1390	18
65,115	70	43	21	16	42	15	337	231	58	NA	
142,242	33	2	114	12	61	132	100	90	108	1350	34
105,297	44	11	61	9	76	404	23	167	71	1095	434
103,000	46	9	67	5	105	115	112	1122	3	1260	92
192,543	21	6	80	5	105	38	229	256	51	950	1,069

Top American Research Universities (26-50)			Research				Private	
Institutions in Order of Top 26-50 Score, then Alphabetically		Number of Measures in Top 26-50 Nationally	2000 — Total Research x \$1000	Total Research National Rank	2000 — Federal Research x \$1000	Federal Research National Rank	2001 — Endowment Assets x \$1000	Endowment National Rank
Private	New York University	8	182,205	53	117,163	47	1,118,300	37
Public	Georgia Institute of Technology	7	304,511	26	126,164	42	1,093,622	41
Public	University of Iowa	6	236,944	36	140,764	37	635,507	71
Private	University of Rochester	6	197,335	46	150,593	30	1,245,406	31
Public	University of Utah	5	187,661	52	124,344	43	340,947	125
Public	North Carolina State University	4	277,946	30	77,328	70	310,616	138
Private	Boston University	3	154,029	66	133,730	39	664,581	67
Public	University of Alabama - Birmingham	3	233,461	38	175,309	29	247,638	166
Public	University of Georgia	3	258,476	33	62,678	85	396,765	109
Private	Carnegie Mellon University	2	137,980	75	91,191	64	756,930	59
Private	Georgetown University	2	133,211	80	98,836	56	685,473	65
Private	Tufts University	2	105,783	89	64,677	81	548,998	80
Public	University at Stony Brook	2	163,307	61	96,641	59	40,450	485
Public	University of California - Irvine	2	158,437	64	88,274	65	126,341	273
Public	University of California - Santa Barbara	2	118,154	85	80,754	67	87,152	337
Public	University of Illinois - Chicago	2	195,839	47	101,943	52	107,811	299
Public	Virginia Polytechnic Institute and State University	2	192,672	49	71,127	74	359,528	118
Public	Arizona State University - Tempe	1	108,117	88	49,935	100	207,062	182
Private	Brandeis University	1	47,658	146	26,444	140	397,046	108
Public	Louisiana State University - Baton Rouge	1	173,351	57	44,504	106	184,000	199
Public	Oregon Health & Science University	1	131,486	82	109,165	49	230,369	173
Public	Texas Tech University	1	68,224	122	21,481	153	316,483	134
Private	Thomas Jefferson University	1	89,626	105	67,448	76	400,000	107
Public	University at Buffalo	1	187,692	51	96,410	60	428,085	103
Public	University of Cincinnati - Cincinnati	1	172,085	58	110,475	48	909,268	51
Public	University of Colorado Health Sciences Center	1	142,454	71	119,590	45	118,037	279
Public	University of Delaware	1	74,711	116	37,716	116	928,398	47
Public	University of Kentucky	1	202,392	44	73,858	73	419,211	105
Public	University of Maryland - Baltimore	1	224,346	40	91,212	63	152,023	236
Public	University of Massachusetts - Amherst	1	97,052	98	44,697	105	70,787	380
Private	University of Miami	1	145,795	69	106,633	51	457,843	90
Public	University of Missouri - Columbia	1	158,861	63	65,420	79	353,645	119

Support		Faculty				Advanced Training				Undergraduate	
2001 — Annual Giving x \$1000	Giving National Rank	2001 — National Academy Members	National Academy National Rank	2001 — Faculty Awards	Faculty Awards National Rank	2001 — Doctorates Granted	Doctorates National Rank	2000 — Postdoctoral Appointees	Postdocs National Rank	2000 — Median SAT	SAT National Rank
171,933	26	29	29	17	39	368	29	313	41	1335	40
120,107	37	25	32	20	34	255	51	98	103	1335	40
96,059	47	19	42	14	51	334	35	352	37	1175	210
69,900	63	22	38	8	79	196	68	291	43	1320	49
146,344	31	18	47	15	46	192	71	277	48	1070	521
90,342	52	19	42	17	39	306	38	118	92	1185	186
85,584	55	13	54	16	42	304	39	129	87	1270	81
54,358	84	10	63	11	65	121	106	295	42	1030	694
43,603	107	8	72	15	46	351	32	205	64	1210	147
71,392	62	21	39	8	79	169	78	130	86	1370	26
94,201	49	5	86	11	65	71	160	59	132	1365	28
55,638	82	6	80	11	65	88	144	435	27	1325	47
18,180	233	13	54	21	31	231	62	394	31	1130	325
48,490	97	20	41	10	70	187	75	364	35	1145	277
29,994	148	34	27	9	76	258	50	176	69	1185	186
37,175	128	6	80	12	61	195	69	283	47	1070	521
66,429	68	11	61	5	105	268	45	126	90	1175	210
79,311	58	4	96	14	51	277	44	60	131	1090	450
61,390	75	12	60	7	86	104	122	97	105	1320	49
50,500	91	1	134	10	70	264	47	88	110	1090	450
66,100	69	4	96	14	51	21	297	142	79	NA	
115,821	38	0	188	3	157	139	96	80	115	1075	506
25,800	167	5	86	2	201	11	365	383	32	NA	
30,223	146	5	86	4	125	294	40	232	57	1115	370
86,247	54	3	104	14	51	248	54	220	60	1060	561
46,340	99	7	75	8	79	40	224	233	56	NA	
44,990	100	10	63	4	125	162	82	135	81	1150	267
55,351	83	4	96	12	61	219	65	224	59	1125	334
37,384	127	9	67	5	105	72	158	165	72	NA	
22,530	186	9	67	14	51	261	48	131	85	1125	334
105,812	42	2	114	2	201	109	116	154	76	1175	210
43,872	106	5	86	10	70	278	43	179	68	1200	162

Top Private Research Universities (1-25)			Research				Private	
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically	Number of Measures in Top 25 Among Privates	Number of Measures in Top 26-50 Among Privates	2000 — Total Research x \$1000	Total Research Control Rank	2000 — Federal Research x \$1000	Federal Research Control Rank	2001 — Endowment Assets x \$1000	Endowment Control Rank
Columbia University	9	0	319,693	10	283,163	5	4,292,793	7
Duke University	9	0	356,625	7	204,180	11	3,131,375	14
Harvard University	9	0	341,810	8	281,699	6	17,950,843	1
Johns Hopkins University	9	0	901,156	1	793,266	1	1,822,713	19
Massachusetts Institute of Technology	9	0	426,299	4	306,668	4	6,134,712	5
Stanford University	9	0	454,780	2	367,127	2	8,249,551	4
University of Chicago	9	0	170,678	20	140,872	18	3,516,238	9
University of Pennsylvania	9	0	430,389	3	312,434	3	3,381,848	10
Yale University	9	0	296,706	12	232,019	8	10,700,000	2
Cornell University	8	1	410,393	5	229,872	9	3,151,384	13
Northwestern University	8	1	245,774	13	150,238	16	3,256,282	11
Washington University	8	1	362,216	6	254,148	7	3,951,509	8
University of Southern California	8	0	300,445	11	210,872	10	2,086,245	18
Vanderbilt University	8	0	171,926	19	129,986	20	2,159,614	17
California Institute of Technology	7	2	222,666	14	176,177	13	1,365,798	22
Case Western Reserve University	7	2	193,057	17	150,586	15	1,434,000	21
Emory University	7	2	206,070	15	144,914	17	4,315,998	6
New York University	7	2	182,205	18	117,163	21	1,118,300	28
Princeton University	7	2	134,875	26	74,681	27	8,359,000	3
University of Rochester	6	3	197,335	16	150,593	14	1,245,406	24
Boston University	6	2	154,029	21	133,730	19	664,581	48
Baylor College of Medicine	6	1	334,175	9	193,249	12	984,150	32
Dartmouth College	5	3	78,874	35	56,369	32	2,414,231	16
Brown University	4	5	81,476	34	49,943	35	1,436,607	20
Yeshiva University	4	4	139,618	24	101,631	23	831,438	38
Rockefeller University	4	3	124,138	28	45,211	37	1,361,200	23
Carnegie Mellon University	3	6	137,980	25	91,191	26	756,930	42
Rice University	3	6	41,840	40	35,144	38	3,243,033	12
University of Notre Dame	3	6	34,524	46	27,362	43	2,829,914	15
University of Miami	3	3	145,795	23	106,633	22	457,843	63
Georgetown University	2	6	133,211	27	98,836	24	685,473	47
Mount Sinai School of Medicine	2	1	149,846	22	98,188	25	NR	
Tufts University	1	7	105,783	29	64,677	31	548,998	56
George Washington University	1	6	69,300	37	49,627	36	713,060	46
Rensselaer Polytechnic Institute	1	6	40,762	42	25,555	47	618,912	52
Thomas Jefferson University	1	3	89,626	31	67,448	28	400,000	74

Support		Faculty				Advanced Training				Undergraduate	
2001 Annual Giving x \$1000	Giving Control Rank	2001 National Academy Members	National Academy Control Rank	2001 Faculty Awards	Faculty Awards Control Rank	2001 Doctorates Granted	Doctorates Control Rank	2000 Postdoctoral Appointees	Postdocs Control Rank	2000 Median SAT	SAT Control Rank
358,683	3	77	8	38	4	465	7	352	20	1410	12
264,425	10	42	13	26	10	259	16	646	8	1400	16
683,173	1	265	1	51	1	520	3	3491	1	1485	3
347,732	5	64	10	39	3	384	8	1029	4	1390	18
199,002	11	232	3	30	7	492	5	794	6	1485	3
468,967	2	243	2	48	2	573	1	1196	2	1460	7
163,615	16	56	11	27	8	371	10	355	19	1385	21
285,596	8	87	6	33	5	373	9	928	5	1425	10
350,123	4	108	4	27	8	313	13	597	10	1465	6
309,473	6	80	7	22	13	470	6	610	9	1365	28
165,717	15	31	16	32	6	350	12	135	27	1380	22
122,061	19	37	14	26	10	175	23	667	7	1370	26
280,986	9	36	15	22	13	522	2	515	11	1305	59
155,719	17	13	24	15	20	192	20	397	15	1310	55
83,020	26	93	5	14	22	159	27	495	12	1515	1
180,923	13	24	18	8	29	201	17	365	18	1345	38
297,778	7	9	31	14	22	167	26	373	17	1380	22
171,933	14	29	17	17	16	368	11	313	23	1335	40
184,882	12	76	9	25	12	268	15	320	21	1490	2
69,900	29	22	19	8	29	196	18	291	24	1320	48
85,584	25	13	24	16	17	304	14	129	29	1270	73
95,400	23	13	24	14	22	51	76	430	14	NA	
114,913	20	13	24	15	20	50	78	107	32	1425	10
79,458	27	17	22	19	15	135	29	81	37	1390	18
103,000	22	9	31	5	36	115	37	1122	3	1260	82
65,115	32	43	12	16	17	15	157	231	25	NA	
71,392	28	21	20	8	29	169	24	130	28	1370	26
67,497	31	21	20	6	34	126	31	123	30	1410	12
142,242	18	2	45	12	25	132	30	90	36	1350	34
105,812	21	2	45	2	70	109	39	154	26	1175	168
94,201	24	5	35	11	26	71	58	59	42	1365	28
NR		10	30	3	51	21	131	0	89	NA	
55,638	38	6	34	11	26	88	50	435	13	1325	46
32,656	54	4	40	4	41	192	20	35	48	1235	100
61,736	33	13	24	4	41	100	45	72	39	1275	71
25,800	72	5	35	2	70	11	176	383	16	NA	

Top Public Research Universities (1-25)			Research				Private	
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically	Number of Measures in Top 25 Among Publics	Number of Measures in Top 26-50 Among Publics	2000 Total Research x \$1000	Total Research Control Rank	2000 Federal Research x \$1000	Federal Research Control Rank	2001 Endowment Assets x \$1000	Endowment Control Rank
University of California - Berkeley	9	0	518,514	6	208,338	9	1,953,443	3
University of California - Los Angeles	9	0	530,826	3	274,162	5	1,390,390	7
University of Illinois - Urbana-Champaign	9	0	373,024	10	193,490	12	601,944	24
University of Michigan - Ann Arbor	9	0	551,556	2	364,033	2	3,469,536	2
University of North Carolina - Chapel Hill	9	0	269,072	20	194,794	11	1,045,750	13
University of Wisconsin - Madison	9	0	554,361	1	278,629	4	1,120,884	9
University of Florida	8	1	313,692	15	120,374	24	635,143	22
University of Minnesota - Twin Cities	8	1	411,380	8	229,958	7	1,650,969	5
University of Washington - Seattle	8	1	529,342	4	389,622	1	927,806	15
Ohio State University - Columbus	7	2	361,399	13	132,219	21	1,111,823	10
Pennsylvania State University - University Park	7	2	371,990	11	196,684	10	750,090	18
University of Iowa	7	2	236,944	23	140,764	19	635,507	21
University of Pittsburgh - Pittsburgh	7	2	294,809	17	228,155	8	1,103,082	11
University of Texas - Austin	7	2	272,811	19	178,889	14	1,463,114	6
University of Virginia	7	2	174,522	38	119,243	26	1,708,199	4
Georgia Institute of Technology	7	1	304,511	16	126,164	22	1,093,622	12
University of California - San Francisco	7	0	443,013	7	248,878	6	873,237	17
Texas A&M University	6	3	397,268	9	149,639	17	3,764,843	1
University of California - Davis	6	3	364,789	12	141,740	18	429,616	29
University of Maryland - College Park	6	3	252,429	22	136,605	20	324,316	45
University of Arizona	6	2	345,090	14	187,161	13	310,174	49
Purdue University - West Lafayette	5	3	234,536	24	92,010	37	1,217,118	8
University of California - San Diego	5	3	518,559	5	326,037	3	274,143	53
North Carolina State University	4	4	277,946	18	77,328	44	310,616	48
University of Texas SW Medical Center - Dallas	4	3	189,216	33	109,165	28	644,909	20
University of Colorado - Boulder	4	2	207,973	28	178,777	15	204,598	69
Michigan State University	3	5	227,734	26	97,112	33	448,570	28
Rutgers the State University of NJ - New Brunswick	3	5	200,489	30	70,943	48	372,973	36
University of Georgia	3	4	258,476	21	62,678	54	396,765	34
University of Utah	3	4	187,661	35	124,344	23	340,947	42
University of Alabama - Birmingham	3	3	233,461	25	175,309	16	247,638	60
Indiana University - Bloomington	2	4	91,095	73	43,031	71	479,918	26
University at Stony Brook	2	4	163,307	41	96,641	34	40,450	160
University of California - Irvine	2	3	158,437	44	88,274	39	126,341	97
Iowa State University	1	7	175,558	37	59,976	57	368,332	37
University of Cincinnati - Cincinnati	1	6	172,085	40	110,475	27	909,268	16
University of California - Santa Barbara	1	5	118,154	57	80,754	41	87,152	114
University of Illinois - Chicago	1	4	195,839	31	101,943	30	107,811	104
University of Kansas - Lawrence	1	4	85,825	77	40,114	73	665,412	19
Indiana University-Purdue University - Indianapolis	1	3	136,642	51	64,546	51	415,314	33
University of Colorado Health Sciences Center	1	3	142,454	48	119,590	25	118,037	99
University of Nebraska - Lincoln	1	2	136,023	52	37,831	78	629,855	23
Texas Tech University	1	1	68,224	85	21,481	104	316,483	46
University of Delaware	1	1	74,711	81	37,716	79	928,398	14

Support		Faculty				Advanced Training				Undergraduate	
2001 — Annual Giving x \$1000	Giving Control Rank	2001 — National Academy Members	National Academy Control Rank	2001 — Faculty Awards	Faculty Awards Control Rank	2001 — Doctorates Granted	Doctorates Control Rank	2000 — Postdoctoral Appointees	Postdocs Control Rank	2000 Median SAT	SAT Control Rank
202,607	8	199	1	47	2	759	1	933	3	1320	2
263,652	3	58	7	39	3	612	7	876	4	1285	7
105,576	22	54	8	34	5	667	3	265	25	1245	15
209,390	7	62	6	52	1	567	9	683	6	1280	8
160,375	13	35	10	30	8	398	17	578	8	1235	19
292,429	1	69	4	34	5	661	4	471	12	1245	15
142,945	15	17	27	24	13	574	8	288	20	1210	23
228,926	5	35	10	28	10	632	5	626	7	1203	28
231,918	4	78	3	37	4	486	12	1011	1	1160	50
210,551	6	15	30	23	15	620	6	288	20	1160	50
123,862	17	23	19	26	12	526	10	261	26	1185	34
96,059	25	19	21	14	30	334	23	352	18	1175	43
88,645	29	19	21	18	22	360	19	560	9	1165	49
179,951	12	52	9	23	15	733	2	213	37	1195	32
189,900	11	19	21	27	11	316	24	402	15	1305	4
120,107	18	25	15	20	20	255	35	98	70	1335	1
271,565	2	68	5	32	7	93	88	543	10	NA	
114,527	20	17	27	21	17	509	11	241	31	1180	37
73,286	33	28	14	24	13	337	22	449	14	1175	43
75,964	32	19	21	21	17	430	14	255	28	1250	12
103,822	24	29	13	16	26	359	20	471	12	1095	106
130,735	16	16	29	19	21	464	13	243	30	1130	69
93,632	26	93	2	30	8	285	28	998	2	1180	37
90,342	28	19	21	17	24	306	25	118	62	1185	34
90,409	27	24	17	18	22	42	128	543	10	NA	
48,716	54	24	17	17	24	292	27	744	5	1155	54
202,007	9	6	47	14	30	414	15	284	22	1115	83
106,028	21	25	15	15	27	392	18	153	51	1180	37
43,603	63	8	40	15	27	351	21	205	39	1210	23
146,344	14	18	26	15	27	192	52	277	24	1070	137
54,358	46	10	34	11	40	121	73	295	19	1030	202
105,297	23	11	32	9	48	404	16	167	46	1095	106
18,180	115	13	31	21	17	231	46	394	16	1130	69
48,490	55	20	20	10	43	187	53	364	17	1145	58
52,019	47	7	42	11	40	232	45	180	42	1210	23
86,247	30	3	63	14	30	248	38	220	35	1060	148
29,994	87	34	12	9	48	258	34	176	44	1185	34
37,175	77	6	47	12	37	195	51	283	23	1070	137
64,308	39	7	42	9	48	231	46	101	66	1140	61
192,543	10	6	47	5	70	38	136	256	27	950	369
46,340	56	7	42	8	51	40	134	233	32	NA	
67,986	35	2	70	6	62	235	42	133	57	1145	58
115,821	19	0	111	3	107	139	68	80	78	1075	131
44,990	57	10	34	4	85	162	56	135	55	1150	56

Top Private Research Universities (26-50)		Research				Private	
Institutions in Order of Top 26-50 Score, then Alphabetically	Number of Measures in Top 26-50 Among Privates	2000 Total Research x \$1000	Total Research Control Rank	2000 Federal Research x \$1000	Federal Research Control Rank	2001 Endowment Assets x \$1000	Endowment Control Rank
Brandeis University	8	47,658	39	26,444	46	397,046	75
Tulane University	8	89,785	30	52,080	34	638,871	50
Wake Forest University	7	86,840	32	65,585	30	812,389	40
Saint Louis University - St. Louis	5	31,002	48	26,453	45	819,115	39
Syracuse University	5	39,468	43	29,630	41	735,484	44
Loyola University Chicago	4	30,034	49	20,695	50	282,900	95
Rush University	4	68,189	38	32,573	39	328,962	84
Charles R. Drew University of Medicine and Science	3	31,045	47	21,969	49	2,200	425
Howard University	3	27,254	51	25,292	48	324,019	85
MCP Hahnemann University	3	41,670	41	27,379	42	96,389	211
Medical College of Wisconsin	3	70,581	36	55,034	33	59,141	274
Northeastern University	3	35,340	45	26,916	44	493,926	60
Woods Hole Oceanographic Institution	3	81,547	33	67,036	29	268,200	100
University of Dayton	2	39,345	44	31,717	40	274,449	97

Top Public Research Universities (26-50)		Research				Private	
Institutions in Order of Top 26-50 Score, then Alphabetically	Number of Measures in Top 26-50 Among Publics	2000 Total Research x \$1000	Total Research Control Rank	2000 Federal Research x \$1000	Federal Research Control Rank	2001 Endowment Assets x \$1000	Endowment Control Rank
University of Kentucky	7	202,392	29	73,858	46	419,211	32
University of Missouri - Columbia	7	158,861	43	65,420	49	353,645	40
Virginia Polytechnic Institute and State University	7	192,672	32	71,127	47	359,528	39
Florida State University	5	105,095	61	56,830	60	328,988	44
University at Buffalo	5	187,692	34	96,410	35	428,085	30
University of South Carolina - Columbia	5	104,398	63	51,872	63	302,678	50
Colorado State University	4	152,279	46	101,429	31	103,130	108
Louisiana State University - Baton Rouge	4	173,351	39	44,504	69	184,000	75
University of Maryland - Baltimore	4	224,346	27	91,212	38	152,023	85
University of Texas MD Anderson Cancer Center	4	182,196	36	81,872	40	278,151	51
Arizona State University - Tempe	3	108,117	60	49,935	65	207,062	68
Oregon Health & Science University	3	131,486	55	109,165	28	230,369	64
University of Houston - University Park	3	48,902	105	21,365	105	339,277	43
University of Massachusetts - Amherst	3	97,052	69	44,697	68	70,787	128
University of Oklahoma - Norman	3	95,068	70	36,931	81	424,078	31
University of Tennessee - Knoxville	3	112,495	59	44,467	70	385,850	35
Washington State University - Pullman	3	104,796	62	48,441	66	468,849	27
Clemson University	2	114,903	58	31,304	84	214,398	67
Oregon State University	2	140,751	50	80,398	42	266,748	55
University of California - Riverside	2	83,580	78	21,085	106	70,203	130
University of California - Santa Cruz	2	56,212	94	25,959	96	76,352	123
University of Connecticut - Storrs	2	90,207	74	28,442	92	110,713	101
University of Hawaii - Manoa	2	161,300	42	95,419	36	158,611	82
University of Medicine & Dentistry of New Jersey	2	140,951	49	75,318	45	162,131	80
University of Texas Health Science Center - Houston	2	119,587	56	79,665	43	88,680	112
University of Texas Medical Branch - Galveston	2	97,896	67	61,357	56	316,291	47
Wayne State University	2	156,814	45	64,320	52	159,506	81
Auburn University - Auburn	1	92,612	71	31,515	83	258,965	57
Medical University of South Carolina	1	65,243	88	41,432	72	75,880	124
Oklahoma State University - Stillwater	1	88,285	75	24,770	98	167,670	77
Temple University	1	52,466	100	38,213	77	140,286	89
University of Arkansas - Fayetteville	1	70,817	84	20,778	107	233,858	63
University of Maryland - Baltimore County	1	26,044	132	20,244	110	15,202	221
University of Massachusetts Medical Sch - Worcester	1	97,587	68	64,212	53	45,046	146
University of New Mexico - Albuquerque	1	133,980	53	100,442	32	186,655	73
University of Oregon	1	35,934	115	30,793	86	246,528	61
University of South Florida	1	145,397	47	50,557	64	253,897	58
University of Texas Health Science Ctr - San Antonio	1	103,824	64	65,251	50	252,520	59

Support		Faculty				Advanced Training				Undergraduate	
2001 — Annual Giving x \$1000	Giving Control Rank	2001 — National Academy Members	National Academy Control Rank	2001 — Faculty Awards	Faculty Awards Control Rank	2001 — Doctorates Granted	Doctorates Control Rank	2000 — Postdoctoral Appointees	Postdocs Control Rank	2000 — Median SAT	SAT Control Rank
61,390	34	12	29	7	32	104	44	97	35	1320	48
53,869	39	3	42	10	28	125	32	70	40	1235	100
58,298	37	2	45	4	41	25	122	104	33	1300	61
32,550	55	1	53	2	70	144	28	56	43	1160	187
37,530	51	1	53	7	32	121	34	28	54	1205	127
25,151	77	0	78	2	70	118	35	76	38	1155	205
NR		2	45	1	111	38	94	44	44	NA	
NR		2	45	0	240	0	308	0	89	NA	
NR		5	35	2	70	96	46	7	72	1090	340
NR		1	53	0	240	24	124	98	34	NA	
16,000	129	1	53	1	111	16	153	111	31	NA	
27,082	68	0	78	3	51	77	55	35	48	1125	262
24,124	83	4	40	1	111	NR		21	59	NA	
23,441	86	1	53	0	240	28	113	1	85	1140	226

Support		Faculty				Advanced Training				Undergraduate	
2001 — Annual Giving x \$1000	Giving Control Rank	2001 — National Academy Members	National Academy Control Rank	2001 — Faculty Awards	Faculty Awards Control Rank	2001 — Doctorates Granted	Doctorates Control Rank	2000 — Postdoctoral Appointees	Postdocs Control Rank	2000 — Median SAT	SAT Control Rank
55,351	45	4	57	12	37	219	49	224	34	1125	73
43,872	62	5	52	10	43	278	29	179	43	1200	29
66,429	37	11	32	5	70	268	31	126	61	1175	43
67,880	36	7	42	2	132	252	36	102	65	1160	50
30,223	85	5	52	4	85	294	26	232	33	1115	83
50,629	48	1	82	11	40	235	42	169	45	1110	90
26,255	94	7	42	10	43	157	61	144	52	1110	90
50,500	49	1	82	10	43	264	32	88	74	1090	111
37,384	76	9	37	5	70	72	102	165	47	NA	
61,585	41	1	82	0	306	NA		208	38	NA	
79,311	31	4	57	14	30	277	30	60	90	1090	111
66,100	38	4	57	14	30	21	167	142	53	NA	
33,185	82	8	40	4	85	209	50	65	86	1035	195
22,530	99	9	37	14	30	261	33	131	58	1125	73
59,455	43	2	70	10	43	158	59	70	82	1140	61
72,403	34	1	82	5	70	239	39	101	66	1115	83
40,005	71	6	47	7	55	149	65	157	50	1060	148
50,458	50	1	82	7	55	110	77	35	110	1180	37
29,595	88	5	52	7	55	161	57	107	63	1080	124
20,754	105	6	47	8	51	94	86	190	41	1060	148
13,615	135	10	34	4	85	104	79	163	49	1145	58
40,640	68	1	82	14	30	234	44	93	72	1140	61
19,665	109	5	52	7	55	154	63	52	94	1080	124
44,900	58	1	82	6	62	69	104	127	60	NA	
23,807	97	4	57	5	70	75	100	201	40	NA	
38,150	74	2	70	2	132	29	151	215	36	NA	
44,650	60	4	57	4	85	230	48	128	59	970	328
60,620	42	0	111	3	107	153	64	36	108	1105	95
18,747	111	2	70	1	176	32	144	165	47	NA	
41,256	66	3	63	5	70	236	41	42	100	1110	90
38,655	73	0	111	5	70	238	40	65	86	1030	202
61,824	40	2	70	3	107	90	92	43	99	1155	54
10,873	152	0	111	3	107	50	122	38	105	1180	37
15,300	129	3	63	8	51	22	166	247	29	NA	
33,818	81	3	63	6	62	174	54	84	77	1080	124
48,960	53	5	52	12	37	156	62	65	86	1115	83
37,039	78	3	63	4	85	158	59	56	91	1080	124
33,118	83	1	82	8	51	36	138	89	73	NA	

Part II

TheCenter Research Universities

TheCenter's Research Universities consist of academic institutions that had more than \$20 million in federal research expenditures in fiscal year 2000. In the following tables, institutions are listed alphabetically with the most current data available on each measure and their rank on each measure for each year. *TheCenter* provides both the national rank (rank among all universities) and the control rank (rank within private or public universities). We include three years of data for each measure, which correspond to the same data years used in each of the three *The Top American Research Universities* reports. In addition to the nine performance variables presented in Part I tables, these tables also include other institutional characteristics related to student enrollment, medical schools, land grant status, ownership, research focus, and National Merit and National Achievement Scholars. The Source Notes section of this report provides detailed information on each data element. Tables in this section include the following:

- **Total Research** presents total research expenditures for 1998-2000, with the current year broken out by major discipline.
- **Federal Research** provides federal research expenditures for 1998-2000, with the current year broken out by major discipline.
- **Private Support** includes endowment assets and annual giving for 1999-2001.
- **Faculty Quality** presents National Academy members and faculty awards for 1999-2001.
- **Advanced Training** includes doctorates granted for 1998, 2000 and 2001, and postdoctoral appointees for 1998-2000.
- **Undergraduate Quality** provides median SAT scores for 1998-2000 and National Merit and Achievement Scholars for 1999-2001.
- **Change: Research** presents trend data on total, federal, and non-federal research (1991 and 2000) in constant dollars.
- **Change: Private Support and Doctorates** provides trend data on endowment assets (1994 and 2001) and annual giving (1992 and 2001) in constant dollars, and doctorates awarded (1992 and 2001).
- **Change: Students** includes trend data on median SAT scores (1995 and 2000), National Merit and Achievement Scholars (1992 and 2001), and student headcount enrollment (1991 and 2000).
- **Institutional Characteristics and *TheCenter* Measures** includes state location, highest degree offered, medical school and land grant status, federal research focus (summary of federal research by discipline), and total student enrollment. Also presented is the number of times a university ranks in the top 25 (or 26-50) on the nine quality measures in this year's report as compared to the past two years (2000 and 2001 reports).
- **Student Characteristics** provides headcount enrollment data broken out by level (i.e., undergraduate, graduate, first-professional), part-time enrollment by level, and degrees awarded.

Data found in these tables may not always match the figures published by the original source. *TheCenter* makes adjustments, when necessary, to ensure that the data reflect the activity at a single campus rather than that of a multiple-campus institution or state university system. When data are missing from the original source, *TheCenter* may substitute another figure, if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

The prior years' data or ranks may differ slightly from our last report due to revised figures or estimates from the data source or institution.

TheCenter's web site [<http://thecenter.ufl.edu>] provides these same tables in Microsoft Excel spreadsheets for ease of analysis. In addition to the over-\$20-million group, the on-line tables contain data on all institutions reporting any federal research since 1990.

Total Research		Total Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2000 Total Research x \$1000	2000 National Rank	2000 Control Rank	1999 Total Research x \$1000	1999 National Rank	1999 Control Rank
Public	Arizona State University - Tempe	108,117	88	60	107,184	85	57
Public	Auburn University - Auburn	92,612	100	71	80,544	103	72
Private	Baylor College of Medicine	334,175	23	9	272,198	27	12
Private	Boston University	154,029	66	21	141,102	67	22
Private	Brandeis University	47,658	146	39	48,305	136	39
Private	Brown University	81,476	113	34	76,330	109	33
Private	California Institute of Technology	222,666	41	14	212,216	38	14
Private	Carnegie Mellon University	137,980	75	25	142,174	65	21
Private	Case Western Reserve University	193,057	48	17	182,332	44	16
Private	Charles R. Drew University of Medicine and Science	31,045	171	47	24,484	180	50
Public	Clemson University	114,903	86	58	99,341	90	61
Public	Colorado State University	152,279	67	46	150,281	60	41
Private	Columbia University	319,693	24	10	279,587	25	10
Private	Cornell University	410,393	13	5	395,552	12	4
Private	Dartmouth College	78,874	115	35	69,522	115	35
Private	Duke University	356,625	20	7	348,274	16	6
Private	Emory University	206,070	43	15	189,170	42	15
Public	Florida International University	34,649	162	117	25,061	179	130
Public	Florida State University	105,095	90	61	97,673	91	62
Public	George Mason University	26,793	181	130	26,766	175	126
Private	George Washington University	69,300	121	37	66,757	116	36
Private	Georgetown University	133,211	80	27	111,426	82	28
Public	Georgia Institute of Technology	304,511	26	16	263,725	29	17
Private	Harvard University	341,810	22	8	326,193	18	7
Private	Howard University	27,254	179	51	23,557	185	53
Public	Indiana University - Bloomington	91,095	102	73	77,916	108	76
Public	Indiana University-Purdue University - Indianapolis	136,642	76	51	116,874	79	53
Public	Iowa State University	175,558	55	37	161,301	53	34
Private	Johns Hopkins University	901,156	1	1	874,518	1	1
Public	Kansas State University	91,790	101	72	85,580	99	69
Public	Louisiana State University - Baton Rouge	173,351	57	39	158,672	54	35
Public	Louisiana State University Health Sciences Center	55,271	135	97	44,726	142	103
Private	Loyola University Chicago	30,034	173	49	29,001	167	46
Private	Massachusetts Institute of Technology	426,299	11	4	420,306	9	3
Private	MCP Hahnemann University	41,670	151	41	27,516	173	49
Private	Medical College of Wisconsin	70,581	120	36	61,446	123	37
Public	Medical University of South Carolina	65,243	126	88	55,819	130	92
Public	Michigan State University	227,734	39	26	207,912	39	25
Public	Mississippi State University	132,503	81	54	110,896	84	56
Public	Montana State University - Bozeman	65,324	125	87	55,475	132	94
Private	Mount Sinai School of Medicine	149,846	68	22	127,765	73	24
Public	New Mexico State University - Las Cruces	79,695	114	80	79,877	104	73
Private	New York University	182,205	53	18	167,179	49	18
Public	North Carolina State University	277,946	30	18	270,621	28	16
Private	Northeastern University	35,340	160	45	30,209	166	45
Private	Northwestern University	245,774	35	13	233,809	35	13
Public	Ohio State University - Columbus	361,399	19	13	322,810	19	12
Public	Oklahoma State University - Stillwater	88,285	106	75	83,108	100	70
Public	Oregon Health & Science University	131,486	82	55	120,429	78	52
Public	Oregon State University	140,751	73	50	139,285	70	47
Public	Pennsylvania State University - Hershey Medical Ctr	55,585	134	96	45,528	141	102
Public	Pennsylvania State University - University Park	371,990	16	11	333,874	17	11
Private	Princeton University	134,875	78	26	124,237	75	25

2000 Total Research by Major Discipline

1998 Total Research x \$1000	1998 National Rank	1998 Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
92,019	93	63	14.8%	17.6%	10.7%	33.9%	3.0%	1.6%	5.0%	8.9%	4.7%
87,768	97	66	60.8%	3.3%	0.5%	25.8%	0.1%	0.3%	0.5%	2.3%	6.5%
216,528	35	13	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
130,054	70	23	67.3%	8.2%	2.2%	11.3%	0.6%	0.9%	2.2%	1.3%	6.1%
44,589	141	41	42.3%	9.8%	0.0%	0.0%	2.6%	0.6%	3.6%	41.1%	0.0%
73,977	110	35	47.3%	10.8%	6.6%	12.2%	5.7%	9.1%	2.6%	5.7%	0.0%
185,066	41	14	14.3%	53.3%	6.2%	19.5%	1.8%	0.3%	0.0%	0.2%	4.4%
137,450	65	20	10.6%	5.8%	2.2%	26.7%	39.7%	2.7%	4.3%	6.7%	1.3%
176,330	42	15	79.7%	3.4%	0.2%	13.2%	0.0%	0.2%	0.4%	3.0%	0.0%
17,205	208	57	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90,150	94	64	54.4%	6.1%	1.0%	30.8%	1.3%	2.0%	0.1%	3.9%	0.4%
140,179	61	42	63.1%	5.6%	9.5%	10.1%	0.7%	0.9%	1.8%	1.8%	6.6%
267,007	25	10	66.4%	8.2%	15.4%	5.1%	1.8%	0.3%	1.0%	1.7%	0.1%
363,511	12	4	59.3%	17.1%	1.0%	13.4%	4.0%	0.6%	1.5%	3.2%	0.0%
64,964	118	37	75.8%	3.7%	1.0%	11.0%	2.5%	0.2%	3.9%	0.8%	1.0%
282,388	21	7	83.6%	3.7%	2.1%	4.3%	0.7%	0.5%	1.0%	4.1%	0.0%
172,884	45	17	93.4%	4.1%	0.0%	0.0%	0.2%	0.2%	0.5%	1.6%	0.0%
17,880	205	150	9.7%	10.6%	18.4%	42.3%	6.6%	0.0%	1.2%	11.2%	0.0%
94,463	89	60	12.2%	41.5%	13.6%	11.1%	3.0%	2.2%	4.0%	12.4%	0.0%
22,543	178	126	16.7%	1.5%	18.9%	23.5%	3.8%	1.6%	7.1%	26.9%	0.0%
74,481	109	34	33.6%	2.8%	0.1%	12.3%	0.0%	23.5%	1.1%	12.7%	13.8%
116,611	74	24	89.8%	3.7%	0.1%	0.0%	0.0%	0.1%	0.1%	5.6%	0.5%
259,233	27	16	2.6%	6.9%	7.7%	64.9%	11.3%	1.9%	1.4%	1.5%	1.7%
306,100	17	6	73.5%	9.5%	4.1%	1.3%	0.6%	0.6%	1.3%	9.2%	0.0%
23,673	176	52	60.2%	14.4%	0.4%	6.5%	8.5%	0.8%	1.3%	7.8%	0.2%
68,702	115	79	15.4%	25.1%	0.4%	0.0%	4.2%	2.3%	7.0%	27.5%	18.2%
103,052	82	55	86.0%	5.0%	2.0%	1.9%	0.0%	0.0%	2.0%	3.1%	0.0%
156,766	49	32	45.2%	5.3%	2.2%	26.8%	1.7%	3.9%	0.4%	9.0%	5.5%
853,620	1	1	42.8%	10.8%	4.2%	28.0%	7.8%	2.7%	0.4%	1.2%	2.1%
81,233	101	70	65.1%	8.8%	0.9%	17.4%	0.8%	0.6%	1.2%	3.6%	1.8%
143,949	56	37	53.1%	6.8%	18.3%	15.5%	1.2%	0.8%	0.4%	3.5%	0.4%
45,678	137	98	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
34,241	157	46	83.5%	7.2%	0.1%	0.0%	0.0%	0.3%	4.1%	4.8%	0.0%
413,098	8	2	17.2%	21.6%	5.2%	35.0%	8.1%	1.2%	0.3%	1.9%	9.5%
95,984	87	29	99.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%
56,021	127	38	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
57,940	124	87	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
193,611	39	26	62.9%	15.8%	0.8%	8.1%	1.5%	0.4%	1.6%	8.1%	0.9%
100,410	84	57	56.7%	3.9%	2.7%	28.8%	1.7%	0.6%	0.7%	3.3%	1.7%
52,292	131	92	60.5%	16.4%	0.7%	14.3%	0.1%	0.2%	0.0%	4.2%	3.6%
109,448	78	27	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
77,370	104	73	24.0%	5.7%	3.7%	58.7%	5.6%	0.1%	0.5%	0.9%	0.6%
156,452	50	18	80.9%	2.9%	0.5%	0.0%	3.2%	3.0%	5.4%	3.1%	0.9%
254,254	28	17	49.1%	7.5%	5.6%	27.6%	1.9%	3.9%	0.3%	2.5%	1.5%
26,385	170	50	19.3%	35.4%	0.0%	33.1%	2.6%	2.6%	3.6%	3.3%	0.0%
223,235	32	12	62.4%	8.3%	0.3%	18.2%	1.5%	0.5%	1.2%	3.4%	4.2%
301,518	19	13	53.9%	6.8%	2.1%	22.9%	5.8%	0.5%	1.2%	5.5%	1.2%
71,466	112	77	55.8%	7.1%	2.4%	19.0%	1.0%	1.1%	0.5%	8.8%	4.2%
109,374	79	52	96.2%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%	0.0%	0.0%
138,240	64	45	58.6%	3.9%	24.1%	9.9%	1.4%	0.2%	0.0%	1.5%	0.4%
43,517	142	101	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
319,126	16	11	24.7%	11.4%	5.5%	43.8%	1.6%	1.0%	3.0%	4.4%	4.6%
115,996	75	25	17.2%	20.1%	9.6%	30.4%	4.2%	2.3%	3.9%	12.3%	0.0%

Total Research		Total Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Total Research x \$1000	2000 National Rank	2000 Control Rank	1999 Total Research x \$1000	1999 National Rank	1999 Control Rank
Public	Purdue University - West Lafayette	234,536	37	24	226,411	37	24
Private	Rensselaer Polytechnic Institute	40,762	153	42	39,034	154	42
Private	Rice University	41,840	150	40	41,069	150	40
Private	Rockefeller University	124,138	83	28	121,519	77	26
Private	Rush University	68,189	123	38	60,957	124	38
Public	Rutgers the State University of NJ - New Brunswick	200,489	45	30	190,316	41	27
Private	Saint Louis University - St. Louis	31,002	172	48	27,817	172	48
Public	San Diego State University	55,002	136	98	45,579	140	101
Private	Stanford University	454,780	8	2	426,549	8	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	31,626	168	122	28,840	169	123
Private	Syracuse University	39,468	154	43	39,640	153	41
Public	Temple University	52,466	138	100	53,940	134	96
Public	Texas A&M University	397,268	14	9	402,203	11	8
Public	Texas Tech University	68,224	122	85	58,488	127	89
Private	Thomas Jefferson University	89,626	105	31	78,410	107	32
Private	Tufts University	105,783	89	29	100,872	89	29
Private	Tulane University	89,785	104	30	87,324	97	30
Public	University at Albany	82,792	111	79	64,278	117	81
Public	University at Buffalo	187,692	51	34	166,823	50	32
Public	University at Stony Brook	163,307	61	41	148,982	63	43
Public	University of Alabama - Birmingham	233,461	38	25	232,115	36	23
Public	University of Alabama - Huntsville	41,274	152	111	40,203	152	112
Public	University of Alaska - Fairbanks	102,500	95	66	88,825	95	66
Public	University of Arizona	345,090	21	14	320,245	20	13
Public	University of Arkansas - Fayetteville	70,817	119	84	61,585	122	86
Public	University of Arkansas for Medical Sciences	49,074	142	104	44,066	145	106
Public	University of California - Berkeley	518,514	7	6	451,539	7	6
Public	University of California - Davis	364,789	17	12	307,950	22	14
Public	University of California - Irvine	158,437	64	44	141,842	66	45
Public	University of California - Los Angeles	530,826	4	3	477,620	5	4
Public	University of California - Riverside	83,580	110	78	75,821	110	77
Public	University of California - San Diego	518,559	6	5	461,632	6	5
Public	University of California - San Francisco	443,013	9	7	417,095	10	7
Public	University of California - Santa Barbara	118,154	85	57	104,561	88	60
Public	University of California - Santa Cruz	56,212	132	94	52,902	135	97
Private	University of Chicago	170,678	60	20	162,805	52	19
Public	University of Cincinnati - Cincinnati	172,085	58	40	153,002	59	40
Public	University of Colorado - Boulder	207,973	42	28	184,237	43	28
Public	University of Colorado Health Sciences Center	142,454	71	48	130,450	72	49
Public	University of Connecticut - Health Center	70,877	118	83	59,394	125	87
Public	University of Connecticut - Storrs	90,207	103	74	75,592	111	78
Private	University of Dayton	39,345	155	44	36,937	155	43
Public	University of Delaware	74,711	116	81	73,521	113	80
Public	University of Florida	313,692	25	15	304,447	23	15
Public	University of Georgia	258,476	33	21	237,493	34	22
Public	University of Hawaii - Manoa	161,300	62	42	156,810	56	37
Public	University of Houston - University Park	48,902	143	105	43,370	146	107
Public	University of Idaho	61,347	130	92	62,531	120	84
Public	University of Illinois - Chicago	195,839	47	31	175,093	46	29
Public	University of Illinois - Urbana-Champaign	373,024	15	10	358,247	14	9
Public	University of Iowa	236,944	36	23	207,135	40	26
Public	University of Kansas - Lawrence	85,825	109	77	73,831	112	79
Public	University of Kansas Medical Center	62,845	129	91	58,921	126	88

2000 Total Research by Major Discipline

1998 Total Research x \$1000	1998 National Rank	1998 Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
216,479	36	23	45.6%	8.6%	1.7%	30.5%	3.1%	1.4%	1.3%	7.7%	0.2%
38,560	151	43	2.6%	12.4%	3.0%	76.1%	2.2%	2.2%	0.0%	0.3%	1.1%
41,067	145	42	12.8%	28.5%	3.2%	21.6%	25.3%	6.7%	0.9%	1.0%	0.0%
115,494	76	26	94.3%	3.3%	0.0%	0.0%	1.5%	0.9%	0.0%	0.0%	0.0%
55,277	128	39	98.4%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%
175,377	43	28	43.7%	10.8%	10.4%	16.8%	3.2%	4.4%	2.9%	6.8%	1.0%
26,943	168	49	96.4%	0.1%	1.8%	0.0%	0.0%	0.4%	0.2%	0.0%	1.0%
41,915	144	103	37.5%	5.1%	5.8%	12.2%	0.2%	5.2%	11.2%	10.7%	12.1%
410,309	9	3	56.3%	11.7%	1.8%	23.6%	3.0%	1.1%	1.0%	1.4%	0.0%
27,517	167	119	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37,322	154	45	11.4%	13.6%	3.0%	27.0%	29.0%	1.6%	4.7%	7.1%	2.7%
63,024	119	82	58.5%	8.9%	0.3%	2.2%	0.6%	0.4%	8.3%	20.8%	0.0%
393,720	10	7	36.9%	6.1%	21.5%	29.8%	0.8%	0.9%	0.7%	1.8%	1.4%
53,126	129	90	41.1%	8.0%	11.9%	25.4%	1.6%	1.5%	0.4%	8.7%	1.4%
69,460	114	36	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
92,130	92	30	78.7%	3.6%	1.4%	6.9%	0.6%	0.7%	2.8%	5.3%	0.0%
87,858	96	31	78.3%	3.1%	1.6%	7.5%	0.0%	0.8%	0.4%	2.3%	6.0%
50,568	133	94	66.6%	12.6%	7.7%	0.0%	1.1%	0.0%	3.0%	8.9%	0.0%
151,650	53	35	66.2%	5.2%	0.7%	17.2%	3.9%	0.7%	2.7%	3.4%	0.1%
141,766	59	40	54.8%	15.2%	10.6%	9.5%	1.8%	3.0%	2.5%	1.9%	0.6%
227,720	31	20	92.7%	1.4%	0.0%	2.9%	0.0%	0.2%	2.7%	0.1%	0.0%
36,946	155	110	1.2%	19.8%	12.7%	41.6%	17.9%	2.9%	0.0%	0.2%	3.7%
75,606	106	74	19.4%	36.1%	21.1%	6.5%	12.6%	0.0%	0.0%	4.2%	0.0%
302,328	18	12	52.3%	24.1%	3.0%	14.0%	1.4%	0.9%	0.0%	4.4%	0.0%
71,686	111	76	66.7%	7.9%	3.2%	17.6%	0.5%	0.2%	0.3%	3.6%	0.0%
39,487	149	107	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
420,426	6	5	42.3%	17.4%	1.4%	23.3%	0.4%	1.1%	1.4%	8.0%	4.7%
288,796	20	14	80.2%	5.0%	2.7%	9.6%	0.7%	0.3%	0.4%	1.0%	0.0%
130,415	69	47	68.0%	10.4%	2.1%	9.8%	3.2%	0.7%	2.1%	3.5%	0.2%
447,367	3	2	69.3%	8.5%	2.8%	8.7%	1.4%	0.9%	1.7%	6.2%	0.4%
79,775	103	72	56.8%	9.1%	13.3%	12.0%	0.5%	0.4%	2.2%	4.0%	1.7%
418,790	7	6	49.3%	6.5%	22.2%	9.0%	9.7%	0.2%	1.0%	1.9%	0.2%
379,970	11	8	97.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
96,034	86	58	7.8%	19.9%	23.7%	32.9%	2.1%	2.4%	1.9%	7.6%	1.7%
56,533	126	89	16.5%	42.4%	24.6%	5.5%	3.6%	1.1%	2.0%	4.2%	0.1%
151,635	54	19	71.3%	20.8%	3.3%	0.0%	0.7%	1.2%	1.4%	1.3%	0.0%
159,695	48	31	78.8%	3.0%	0.1%	14.0%	0.0%	0.3%	0.5%	2.0%	1.4%
186,211	40	27	9.9%	34.6%	30.2%	14.2%	2.2%	1.0%	3.8%	3.4%	0.7%
121,624	72	49	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
59,157	121	84	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
75,291	107	75	29.9%	7.9%	9.2%	30.3%	1.6%	0.5%	8.7%	9.5%	2.6%
45,000	140	40	0.9%	3.6%	0.6%	92.3%	0.2%	0.0%	0.8%	0.0%	1.6%
69,896	113	78	27.1%	14.8%	13.3%	31.8%	2.3%	1.9%	2.3%	6.6%	0.0%
274,862	22	15	70.3%	6.4%	1.2%	15.1%	0.8%	1.5%	1.6%	3.0%	0.0%
217,945	34	22	69.7%	3.9%	5.4%	2.9%	1.1%	1.8%	3.0%	12.1%	0.0%
148,007	55	36	39.5%	16.6%	31.9%	5.4%	0.3%	0.0%	0.3%	2.2%	3.9%
42,297	143	102	23.6%	17.5%	2.5%	37.0%	6.7%	1.6%	6.0%	4.3%	0.8%
58,967	122	85	64.9%	3.4%	7.6%	16.0%	1.2%	0.5%	1.2%	3.4%	1.8%
151,739	52	34	72.6%	4.2%	0.9%	9.7%	1.1%	1.7%	2.1%	4.8%	2.9%
329,266	15	10	26.2%	13.0%	7.6%	25.6%	16.4%	0.7%	2.4%	6.7%	1.5%
199,063	38	25	77.3%	6.7%	0.9%	9.7%	0.3%	0.4%	1.3%	3.4%	0.1%
66,756	117	81	37.8%	11.9%	12.7%	14.5%	4.2%	0.8%	1.4%	6.7%	10.0%
50,359	135	96	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Total Research		Total Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Total Research x \$1000	2000 National Rank	2000 Control Rank	1999 Total Research x \$1000	1999 National Rank	1999 Control Rank
Public	University of Kentucky	202,392	44	29	174,034	47	30
Public	University of Maine - Orono	54,821	137	99	41,452	148	109
Public	University of Maryland - Baltimore	224,346	40	27	140,903	68	46
Public	University of Maryland - Baltimore County	26,044	183	132	21,854	193	139
Public	University of Maryland - College Park	252,429	34	22	257,628	31	19
Public	University of Massachusetts - Amherst	97,052	98	69	86,576	98	68
Public	University of Massachusetts Medical Sch - Worcester	97,587	97	68	83,040	101	71
Public	University of Medicine & Dentistry of New Jersey	140,951	72	49	126,277	74	50
Private	University of Miami	145,795	69	23	139,608	69	23
Public	University of Michigan - Ann Arbor	551,556	3	2	508,619	2	1
Public	University of Minnesota - Twin Cities	411,380	12	8	356,529	15	10
Public	University of Missouri - Columbia	158,861	63	43	149,002	62	42
Public	University of Nebraska - Lincoln	136,023	77	52	131,046	71	48
Public	University of Nevada - Reno	56,248	131	93	47,939	137	98
Public	University of New Hampshire - Durham	72,108	117	82	57,613	128	90
Public	University of New Mexico - Albuquerque	133,980	79	53	115,850	80	54
Public	University of North Carolina - Chapel Hill	269,072	32	20	252,767	32	20
Private	University of Notre Dame	34,524	163	46	30,483	165	44
Public	University of Oklahoma - Norman	95,068	99	70	79,568	106	75
Public	University of Oklahoma Health Sciences Center	55,834	133	95	62,517	121	85
Public	University of Oregon	35,934	159	115	32,695	160	117
Private	University of Pennsylvania	430,389	10	3	383,569	13	5
Public	University of Pittsburgh - Pittsburgh	294,809	29	17	249,477	33	21
Public	University of Rhode Island	48,135	144	106	44,452	144	105
Private	University of Rochester	197,335	46	16	177,126	45	17
Public	University of South Carolina - Columbia	104,398	92	63	105,835	86	58
Public	University of South Florida	145,397	70	47	123,961	76	51
Private	University of Southern California	300,445	27	11	280,741	24	9
Public	University of Tennessee - Knoxville	112,495	87	59	111,251	83	55
Public	University of Tennessee Health Science Center	49,791	141	103	47,679	138	99
Public	University of Texas - Austin	272,811	31	19	258,122	30	18
Public	University of Texas Health Science Center - Houston	119,587	84	56	105,307	87	59
Public	University of Texas Health Science Ctr - San Antonio	103,824	93	64	87,804	96	67
Public	University of Texas MD Anderson Cancer Center	182,196	54	36	155,126	57	38
Public	University of Texas Medical Branch - Galveston	97,896	96	67	93,580	94	65
Public	University of Texas SW Medical Center - Dallas	189,216	50	33	165,520	51	33
Public	University of Utah	187,661	52	35	153,843	58	39
Public	University of Vermont	63,391	128	90	64,049	118	82
Public	University of Virginia	174,522	56	38	157,487	55	36
Public	University of Washington - Seattle	529,342	5	4	482,659	4	3
Public	University of Wisconsin - Madison	554,361	2	1	499,688	3	2
Public	US Naval Postgraduate School	37,502	156	112	34,095	158	115
Public	Utah State University	103,161	94	65	95,364	93	64
Private	Vanderbilt University	171,926	59	19	149,675	61	20
Public	Virginia Commonwealth University	88,220	107	76	79,785	105	74
Public	Virginia Polytechnic Institute and State University	192,672	49	32	169,250	48	31
Private	Wake Forest University	86,840	108	32	82,827	102	31
Public	Washington State University - Pullman	104,796	91	62	96,943	92	63
Private	Washington University	362,216	18	6	315,606	21	8
Public	Wayne State University	156,814	65	45	146,832	64	44
Public	West Virginia University	66,130	124	86	63,392	119	83
Private	Woods Hole Oceanographic Institution	81,547	112	33	71,722	114	34
Private	Yale University	296,706	28	12	274,050	26	11
Private	Yeshiva University	139,618	74	24	111,771	81	27

2000 Total Research by Major Discipline

1998 Total Research x \$1000	1998 National Rank	1998 Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
161,346	47	30	72.1%	4.0%	0.3%	15.5%	0.7%	0.3%	0.4%	1.6%	5.1%
33,106	160	114	33.6%	16.5%	27.8%	13.4%	1.9%	0.0%	0.8%	5.5%	0.5%
143,321	57	38	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
18,155	204	149	18.3%	14.4%	20.6%	31.5%	1.4%	2.4%	2.8%	8.5%	0.0%
223,190	33	21	14.9%	21.3%	2.5%	30.1%	7.8%	0.4%	1.3%	21.7%	0.0%
89,970	95	65	29.7%	20.7%	9.0%	18.0%	11.4%	2.4%	4.9%	1.7%	2.2%
82,950	99	68	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
114,491	77	51	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
136,972	66	21	71.0%	1.6%	19.4%	0.9%	0.0%	0.1%	4.7%	2.3%	0.0%
496,761	2	1	55.5%	4.2%	1.4%	24.7%	1.7%	0.6%	1.6%	10.3%	0.0%
345,910	13	9	72.4%	5.9%	3.1%	10.0%	1.9%	1.1%	2.0%	3.5%	0.0%
136,061	67	46	70.8%	3.3%	0.7%	13.7%	0.1%	0.8%	2.8%	7.8%	0.0%
118,857	73	50	47.3%	8.0%	9.3%	16.4%	2.4%	1.5%	1.4%	7.7%	6.0%
45,476	138	99	46.2%	10.5%	11.6%	7.6%	0.8%	0.4%	2.0%	2.5%	18.4%
52,359	130	91	18.8%	3.2%	50.5%	17.3%	0.7%	0.4%	1.8%	6.6%	0.7%
125,910	71	48	34.5%	8.2%	1.5%	19.8%	1.7%	0.5%	4.4%	4.9%	24.5%
235,296	30	19	76.1%	6.5%	4.2%	0.0%	3.2%	0.3%	1.4%	8.3%	0.0%
28,873	166	48	16.8%	44.2%	0.0%	27.4%	3.1%	1.5%	3.9%	1.6%	1.5%
68,505	116	80	8.9%	16.4%	30.7%	15.9%	2.9%	0.5%	14.3%	10.4%	0.0%
58,356	123	86	99.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%
33,315	159	113	47.2%	20.2%	6.0%	2.7%	8.6%	1.3%	7.0%	7.0%	0.0%
333,477	14	5	79.8%	5.8%	0.2%	3.1%	2.1%	0.3%	0.7%	7.2%	1.0%
213,842	37	24	86.0%	4.0%	0.2%	4.0%	0.8%	0.3%	1.5%	2.6%	0.5%
37,940	152	109	23.5%	1.8%	48.2%	7.8%	0.3%	0.1%	7.1%	1.0%	10.2%
174,617	44	16	63.1%	6.8%	0.4%	23.6%	1.2%	0.2%	4.0%	0.7%	0.0%
92,785	91	62	23.3%	12.4%	15.2%	22.1%	0.5%	9.5%	3.8%	9.1%	4.0%
104,325	81	54	65.9%	1.8%	13.2%	11.5%	0.2%	0.1%	5.2%	2.1%	0.0%
268,806	24	9	54.2%	3.4%	4.8%	15.4%	16.9%	0.8%	1.3%	2.5%	0.7%
105,486	80	53	40.3%	9.7%	8.3%	28.0%	7.1%	0.5%	0.2%	4.6%	1.3%
45,208	139	100	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
244,843	29	18	14.3%	20.7%	8.8%	36.8%	8.9%	5.5%	1.3%	3.5%	0.2%
101,993	83	56	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
82,357	100	69	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
141,260	60	41	95.1%	2.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
86,488	98	67	98.5%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%
153,711	51	33	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
142,956	58	39	66.2%	8.2%	2.2%	13.5%	7.3%	0.7%	1.0%	1.0%	0.0%
57,832	125	88	88.4%	1.7%	0.7%	2.0%	0.9%	1.3%	1.5%	0.3%	3.1%
139,135	62	43	67.6%	7.6%	3.3%	15.4%	2.5%	0.3%	1.7%	1.4%	0.2%
438,191	5	4	70.3%	5.1%	12.1%	7.4%	0.9%	0.8%	1.8%	1.5%	0.0%
443,695	4	3	61.7%	8.4%	5.1%	12.9%	1.5%	0.7%	4.2%	5.6%	0.0%
34,095	158	112	0.0%	6.4%	24.1%	26.6%	11.5%	8.9%	0.0%	13.6%	8.9%
94,228	90	61	34.5%	4.3%	8.2%	39.8%	0.8%	0.8%	1.0%	2.5%	8.0%
135,214	68	22	80.1%	7.5%	0.2%	7.1%	0.3%	0.3%	1.6%	3.1%	0.0%
80,538	102	71	85.4%	6.7%	0.1%	3.7%	0.2%	0.4%	2.4%	1.3%	0.0%
167,118	46	29	43.7%	5.3%	8.7%	34.8%	1.1%	1.4%	1.1%	3.9%	0.0%
76,893	105	32	98.7%	0.7%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.4%
95,422	88	59	67.5%	4.7%	1.8%	15.9%	0.0%	0.4%	0.2%	9.0%	0.5%
269,550	23	8	89.5%	2.9%	1.2%	2.0%	2.0%	0.5%	0.5%	1.2%	0.3%
138,456	63	44	77.0%	7.5%	0.0%	7.8%	0.7%	0.2%	2.0%	3.4%	1.6%
62,362	120	83	49.3%	6.5%	8.6%	31.1%	2.7%	0.3%	0.4%	0.0%	1.0%
75,011	108	33	0.0%	0.0%	79.6%	20.4%	0.0%	0.0%	0.0%	0.0%	0.0%
262,680	26	11	86.8%	6.3%	0.9%	2.6%	0.8%	0.5%	1.4%	0.7%	0.0%
99,000	85	28	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Federal Research		Federal Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2000 Federal Research x \$1000	2000 National Rank	2000 Control Rank	1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank
Public	Arizona State University - Tempe	49,935	100	65	53,905	90	59
Public	Auburn University - Auburn	31,515	123	83	27,058	130	88
Private	Baylor College of Medicine	193,249	24	12	141,111	30	13
Private	Boston University	133,730	39	19	123,390	39	19
Private	Brandeis University	26,444	140	46	29,423	123	42
Private	Brown University	49,943	99	35	45,276	100	36
Private	California Institute of Technology	176,177	28	13	195,303	18	11
Private	Carnegie Mellon University	91,191	64	26	90,408	56	23
Private	Case Western Reserve University	150,586	31	15	140,178	32	14
Private	Charles R. Drew University of Medicine and Science	21,969	152	49	22,212	148	47
Public	Clemson University	31,304	124	84	27,064	129	87
Public	Colorado State University	101,429	54	31	91,943	55	33
Private	Columbia University	283,163	8	5	240,158	11	6
Private	Cornell University	229,872	16	9	234,792	12	7
Private	Dartmouth College	56,369	92	32	46,741	97	35
Private	Duke University	204,180	20	11	186,757	21	12
Private	Emory University	144,914	34	17	132,816	36	17
Public	Florida International University	20,296	159	109	15,757	169	119
Public	Florida State University	56,830	91	60	55,666	85	54
Public	George Mason University	20,669	158	108	19,492	157	109
Private	George Washington University	49,627	101	36	49,944	93	33
Private	Georgetown University	98,836	56	24	83,972	64	26
Public	Georgia Institute of Technology	126,164	42	22	112,861	43	23
Private	Harvard University	281,699	9	6	266,019	8	5
Private	Howard University	25,292	145	48	21,658	149	48
Public	Indiana University - Bloomington	43,031	108	71	40,905	105	68
Public	Indiana University-Purdue University - Indianapolis	64,546	82	51	61,357	77	49
Public	Iowa State University	59,976	88	57	54,179	89	58
Private	Johns Hopkins University	793,266	1	1	770,580	1	1
Public	Kansas State University	31,185	125	85	28,102	126	84
Public	Louisiana State University - Baton Rouge	44,504	106	69	37,291	107	70
Public	Louisiana State University Health Sciences Center	28,482	132	91	24,150	138	96
Private	Loyola University Chicago	20,695	157	50	17,588	162	49
Private	Massachusetts Institute of Technology	306,668	7	4	308,921	5	3
Private	MCP Hahnemann University	27,379	136	42	17,281	163	50
Private	Medical College of Wisconsin	55,034	93	33	47,087	96	34
Public	Medical University of South Carolina	41,432	109	72	30,997	118	79
Public	Michigan State University	97,112	58	33	89,835	57	34
Public	Mississippi State University	53,808	94	61	46,528	98	63
Public	Montana State University - Bozeman	30,564	127	87	26,231	133	91
Private	Mount Sinai School of Medicine	98,188	57	25	84,624	62	25
Public	New Mexico State University - Las Cruces	57,073	90	59	56,875	82	52
Private	New York University	117,163	47	21	111,124	45	21
Public	North Carolina State University	77,328	70	44	66,310	73	46
Private	Northeastern University	26,916	138	44	22,776	147	46
Private	Northwestern University	150,238	32	16	132,647	37	18
Public	Ohio State University - Columbus	132,219	40	21	135,216	34	19
Public	Oklahoma State University - Stillwater	24,770	146	98	23,179	145	101
Public	Oregon Health & Science University	109,165	49	28	95,655	52	30
Public	Oregon State University	80,398	68	42	81,649	65	39
Public	Pennsylvania State University - Hershey Medical Ctr	29,390	130	89	23,893	140	98
Public	Pennsylvania State University - University Park	196,684	21	10	175,212	25	13
Private	Princeton University	74,681	72	27	72,974	69	27

			2000 Federal Research by Major Discipline								
1998 — Federal Research x \$1000	1998 — National Rank	1998 — Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
41,359	105	67	15.4%	18.4%	20.4%	28.0%	2.7%	1.9%	7.4%	3.7%	2.1%
27,706	128	85	38.4%	6.8%	1.0%	38.4%	0.0%	0.7%	1.2%	2.7%	10.7%
110,610	40	18	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
104,428	43	20	66.1%	9.0%	2.2%	11.4%	0.7%	1.0%	2.5%	0.9%	6.3%
28,098	125	43	53.9%	13.2%	0.0%	0.0%	4.5%	1.1%	6.2%	21.1%	0.0%
44,412	97	36	52.1%	9.6%	6.8%	11.3%	5.8%	9.5%	2.8%	2.2%	0.0%
177,748	18	11	15.6%	62.2%	5.1%	14.2%	0.3%	0.4%	0.0%	0.1%	2.2%
95,046	49	23	8.5%	6.9%	1.2%	27.1%	40.4%	3.6%	4.5%	7.4%	0.3%
132,274	30	13	83.6%	2.9%	0.2%	11.5%	0.0%	0.2%	0.3%	1.3%	0.0%
16,052	162	52	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
28,199	124	82	54.4%	6.1%	1.0%	30.8%	1.3%	2.0%	0.1%	3.9%	0.4%
80,451	61	37	61.4%	6.2%	12.3%	8.0%	0.7%	0.7%	2.5%	1.5%	6.6%
229,723	11	6	65.4%	9.0%	16.5%	4.6%	2.0%	0.4%	1.0%	1.1%	0.0%
204,187	15	8	54.5%	23.4%	0.9%	13.5%	4.3%	0.8%	0.9%	1.7%	0.0%
45,053	95	35	73.7%	4.0%	0.8%	12.6%	2.9%	0.3%	4.3%	0.5%	0.8%
172,532	19	12	78.2%	5.5%	2.3%	5.6%	0.9%	0.8%	1.5%	5.4%	0.0%
118,045	36	17	94.9%	3.9%	0.0%	0.0%	0.2%	0.3%	0.4%	0.3%	0.0%
14,243	170	118	9.7%	10.6%	18.4%	42.3%	6.6%	0.0%	1.2%	11.2%	0.0%
50,451	90	57	11.0%	38.5%	18.2%	12.6%	3.3%	2.4%	5.1%	9.0%	0.0%
17,268	160	109	14.5%	1.7%	24.0%	26.7%	4.5%	1.7%	8.5%	18.3%	0.0%
45,072	94	34	28.4%	3.5%	0.1%	14.5%	0.0%	31.9%	1.2%	4.8%	15.6%
84,801	55	24	93.2%	4.0%	0.2%	0.0%	0.0%	0.1%	0.0%	2.5%	0.0%
113,643	39	22	2.6%	6.9%	7.7%	64.9%	11.3%	1.9%	1.4%	1.5%	1.7%
251,876	7	4	75.9%	10.6%	4.4%	1.4%	0.6%	0.7%	1.4%	5.0%	0.0%
21,501	150	49	60.4%	14.6%	0.4%	6.7%	7.6%	0.8%	1.4%	7.9%	0.2%
38,336	106	68	39.2%	32.4%	0.7%	0.0%	3.6%	2.4%	12.7%	8.0%	1.0%
57,504	80	50	90.0%	5.0%	1.0%	0.9%	0.0%	0.0%	1.0%	2.1%	0.0%
51,196	89	56	37.8%	7.9%	3.5%	28.1%	0.5%	5.3%	0.1%	15.7%	1.2%
752,983	1	1	38.5%	12.0%	4.5%	31.2%	8.7%	3.0%	0.4%	1.0%	0.6%
27,001	130	87	51.1%	21.2%	0.6%	18.0%	1.6%	0.5%	1.9%	3.3%	1.9%
31,199	117	77	43.7%	13.0%	21.7%	19.2%	0.7%	0.7%	0.8%	0.3%	0.0%
23,828	137	92	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
17,685	158	51	80.8%	8.6%	0.1%	0.0%	0.0%	0.3%	5.5%	4.7%	0.0%
310,741	5	3	18.0%	29.2%	6.7%	34.7%	7.6%	1.4%	0.3%	0.6%	1.6%
61,102	76	30	99.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%
43,831	99	38	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
36,473	107	69	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
81,146	60	36	53.0%	25.8%	0.6%	6.1%	1.8%	0.6%	2.6%	9.3%	0.1%
42,004	102	64	39.3%	2.4%	4.7%	47.1%	1.5%	0.1%	0.1%	2.5%	2.2%
23,982	136	91	47.4%	26.4%	1.0%	15.7%	0.1%	0.5%	0.0%	4.0%	4.9%
69,995	68	26	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
56,587	82	51	13.2%	6.2%	3.8%	68.6%	6.0%	0.1%	0.7%	1.0%	0.4%
101,426	45	22	80.1%	3.3%	0.1%	0.0%	3.2%	4.1%	6.7%	1.7%	0.8%
79,533	63	38	35.3%	12.3%	6.8%	32.7%	3.5%	5.8%	0.7%	1.6%	1.2%
21,454	151	50	18.8%	41.2%	0.0%	30.7%	2.1%	2.7%	3.5%	1.0%	0.0%
127,911	33	15	64.4%	9.7%	0.4%	20.3%	1.3%	0.6%	1.2%	1.8%	0.2%
124,177	35	19	60.1%	9.6%	3.0%	16.1%	1.2%	1.0%	2.6%	6.0%	0.3%
23,220	140	94	47.3%	8.7%	2.5%	26.1%	0.7%	1.4%	0.5%	7.9%	4.8%
82,146	59	35	95.4%	0.0%	0.0%	0.0%	0.0%	0.0%	4.6%	0.0%	0.0%
82,416	58	34	44.5%	5.7%	35.4%	10.8%	2.0%	0.2%	0.0%	0.8%	0.6%
22,353	144	97	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
163,921	26	14	19.8%	13.8%	5.5%	50.4%	2.2%	1.2%	3.1%	2.7%	1.4%
69,005	69	27	20.9%	24.2%	10.8%	28.4%	3.5%	2.6%	5.0%	4.7%	0.0%

Federal Research		Federal Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Federal Research x \$1000	2000 National Rank	2000 Control Rank	1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank
Public	Purdue University - West Lafayette	92,010	62	37	95,708	51	29
Private	Rensselaer Polytechnic Institute	25,555	144	47	22,803	146	45
Private	Rice University	35,144	120	38	35,012	111	38
Private	Rockefeller University	45,211	104	37	45,010	101	37
Private	Rush University	32,573	121	39	31,119	117	39
Public	Rutgers the State University of NJ - New Brunswick	70,943	75	48	67,341	72	45
Private	Saint Louis University - St. Louis	26,453	139	45	23,722	143	43
Public	San Diego State University	22,802	151	103	19,724	156	108
Private	Stanford University	367,127	3	2	353,947	3	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	22,860	150	102	21,053	151	103
Private	Syracuse University	29,630	129	41	30,050	121	41
Public	Temple University	38,213	114	77	29,734	122	81
Public	Texas A&M University	149,639	33	17	149,151	28	16
Public	Texas Tech University	21,481	153	104	20,242	154	106
Private	Thomas Jefferson University	67,448	76	28	56,369	83	31
Private	Tufts University	64,677	81	31	62,386	75	28
Private	Tulane University	52,080	96	34	50,779	92	32
Public	University at Albany	62,059	86	55	46,242	99	64
Public	University at Buffalo	96,410	60	35	85,490	60	36
Public	University at Stony Brook	96,641	59	34	93,937	53	31
Public	University of Alabama - Birmingham	175,309	29	16	165,223	26	14
Public	University of Alabama - Huntsville	25,939	143	97	25,166	134	92
Public	University of Alaska - Fairbanks	46,605	103	67	34,647	112	74
Public	University of Arizona	187,161	25	13	178,126	24	12
Public	University of Arkansas - Fayetteville	20,778	156	107	15,851	168	118
Public	University of Arkansas for Medical Sciences	29,962	128	88	26,392	131	89
Public	University of California - Berkeley	208,338	19	9	191,025	20	9
Public	University of California - Davis	141,740	35	18	124,463	38	20
Public	University of California - Irvine	88,274	65	39	75,505	66	40
Public	University of California - Los Angeles	274,162	11	5	251,999	9	4
Public	University of California - Riverside	21,085	155	106	19,994	155	107
Public	University of California - San Diego	326,037	5	3	292,007	6	3
Public	University of California - San Francisco	248,878	13	6	233,181	13	6
Public	University of California - Santa Barbara	80,754	67	41	74,026	68	42
Public	University of California - Santa Cruz	25,959	142	96	25,084	135	93
Private	University of Chicago	140,872	36	18	135,720	33	15
Public	University of Cincinnati - Cincinnati	110,475	48	27	100,325	50	28
Public	University of Colorado - Boulder	178,777	27	15	140,959	31	18
Public	University of Colorado Health Sciences Center	119,590	45	25	101,044	49	27
Public	University of Connecticut - Health Center	37,702	117	80	31,633	116	78
Public	University of Connecticut - Storrs	28,442	133	92	23,863	141	99
Private	University of Dayton	31,717	122	40	30,755	119	40
Public	University of Delaware	37,716	116	79	34,628	113	75
Public	University of Florida	120,374	44	24	122,296	41	22
Public	University of Georgia	62,678	85	54	56,080	84	53
Public	University of Hawaii - Manoa	95,419	61	36	93,418	54	32
Public	University of Houston - University Park	21,365	154	105	20,443	153	105
Public	University of Idaho	23,014	149	101	24,263	137	95
Public	University of Illinois - Chicago	101,943	52	30	86,406	59	35
Public	University of Illinois - Urbana-Champaign	193,490	23	12	185,767	22	10
Public	University of Iowa	140,764	37	19	122,638	40	21
Public	University of Kansas - Lawrence	40,114	110	73	33,176	115	77
Public	University of Kansas Medical Center	28,836	131	90	24,096	139	97

			2000 Federal Research by Major Discipline								
1998 — Federal Research x \$1000	1998 — National Rank	1998 — Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
92,844	50	27	39.0%	13.9%	2.9%	34.0%	3.3%	1.7%	1.8%	3.3%	0.2%
21,774	148	48	2.7%	17.2%	4.2%	68.9%	2.7%	3.2%	0.0%	0.4%	0.6%
34,772	110	40	12.6%	27.8%	3.9%	17.2%	29.2%	7.6%	1.0%	0.8%	0.0%
43,845	98	37	93.1%	5.2%	0.0%	0.0%	0.4%	1.3%	0.0%	0.0%	0.0%
28,444	123	42	98.8%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%
62,148	74	46	33.9%	16.7%	12.6%	21.3%	3.2%	6.6%	3.6%	2.1%	0.1%
23,341	139	46	97.6%	0.0%	1.7%	0.0%	0.0%	0.5%	0.1%	0.0%	0.0%
19,721	154	104	45.3%	8.6%	7.3%	7.8%	0.1%	7.1%	18.1%	5.8%	0.1%
342,426	2	2	54.3%	13.2%	1.6%	24.9%	3.2%	1.3%	1.0%	0.5%	0.0%
18,318	156	106	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
29,200	120	41	10.8%	16.0%	3.0%	23.1%	31.1%	1.6%	4.7%	7.1%	2.7%
28,793	122	81	62.7%	10.7%	0.4%	2.4%	0.4%	0.5%	7.8%	15.2%	0.0%
144,938	28	16	25.1%	7.8%	41.0%	20.7%	1.3%	1.8%	1.1%	1.1%	0.0%
17,481	159	108	31.8%	7.6%	14.2%	28.8%	2.1%	2.9%	0.6%	10.8%	1.1%
51,728	88	33	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
61,167	75	29	84.0%	4.2%	0.3%	6.1%	0.7%	0.9%	2.0%	1.8%	0.0%
52,924	86	32	77.0%	2.6%	2.6%	6.3%	0.0%	1.1%	0.2%	3.2%	7.0%
33,894	111	71	81.6%	2.3%	5.2%	0.0%	1.2%	0.0%	2.8%	6.8%	0.0%
76,037	65	40	70.5%	4.6%	0.3%	16.7%	2.1%	0.2%	3.6%	1.9%	0.0%
91,531	51	28	53.5%	17.3%	12.2%	8.4%	1.8%	3.1%	2.5%	1.2%	0.1%
166,830	24	12	92.9%	1.3%	0.0%	2.2%	0.0%	0.2%	3.3%	0.1%	0.0%
23,772	138	93	0.7%	21.7%	16.4%	34.6%	19.1%	3.6%	0.0%	0.1%	3.9%
31,505	115	75	18.0%	46.5%	23.4%	6.9%	0.4%	0.0%	0.0%	4.7%	0.0%
161,999	27	15	48.1%	26.8%	3.3%	15.7%	1.9%	1.1%	0.0%	3.2%	0.0%
16,156	161	110	48.4%	13.8%	4.2%	31.3%	0.6%	0.3%	0.0%	1.4%	0.0%
21,857	147	100	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
171,747	20	8	36.9%	25.9%	1.8%	27.2%	0.5%	2.1%	2.1%	2.7%	0.7%
114,018	38	21	77.6%	9.1%	1.6%	9.0%	1.1%	0.5%	0.7%	0.4%	0.0%
66,602	71	44	69.3%	12.9%	2.2%	6.3%	3.7%	0.9%	2.7%	2.0%	0.0%
234,005	10	5	68.9%	10.6%	3.1%	10.8%	1.9%	1.2%	2.4%	1.0%	0.0%
22,999	142	95	36.5%	26.5%	12.0%	14.1%	1.2%	0.3%	7.8%	1.6%	0.1%
263,103	6	3	47.6%	7.8%	22.3%	7.5%	11.8%	0.3%	1.3%	1.3%	0.0%
219,630	12	6	96.1%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
68,680	70	43	8.0%	21.3%	21.9%	35.7%	2.6%	2.0%	2.3%	6.2%	0.2%
29,881	119	79	20.4%	36.4%	22.6%	8.4%	6.2%	1.0%	1.8%	3.1%	0.0%
125,982	34	16	69.0%	22.6%	3.6%	0.0%	0.8%	1.4%	1.0%	1.5%	0.0%
90,307	52	29	85.7%	2.1%	0.0%	10.5%	0.0%	0.0%	0.1%	1.5%	0.0%
137,241	29	17	9.6%	35.8%	31.4%	12.4%	2.3%	1.1%	3.5%	3.0%	0.8%
89,022	53	30	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30,318	118	78	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
22,871	143	96	32.3%	12.6%	16.1%	18.4%	1.8%	0.7%	14.8%	3.3%	0.0%
36,329	108	39	0.6%	4.0%	0.6%	94.1%	0.2%	0.0%	0.6%	0.0%	0.0%
33,688	112	72	14.5%	21.1%	17.6%	31.8%	2.2%	2.6%	3.4%	6.8%	0.0%
106,510	41	23	60.6%	10.1%	1.6%	19.9%	1.6%	2.2%	3.0%	1.0%	0.0%
54,712	84	53	75.4%	4.8%	7.7%	1.2%	1.2%	1.0%	4.4%	4.2%	0.0%
86,886	54	31	40.0%	14.7%	32.0%	6.5%	0.3%	0.0%	0.2%	1.8%	4.5%
22,018	145	98	31.4%	18.2%	0.5%	26.8%	9.6%	2.6%	8.0%	2.9%	0.0%
18,352	155	105	52.9%	4.1%	11.7%	19.8%	2.5%	1.2%	2.6%	2.9%	2.2%
73,797	66	41	75.5%	5.3%	0.2%	9.2%	1.6%	2.2%	2.5%	2.5%	1.0%
171,250	22	10	19.1%	17.4%	5.4%	29.7%	21.3%	0.7%	2.8%	2.0%	1.6%
115,312	37	20	80.2%	8.8%	0.5%	6.8%	0.3%	0.5%	1.6%	1.4%	0.0%
28,823	121	80	45.0%	15.8%	6.3%	13.9%	1.4%	1.5%	2.4%	4.9%	8.8%
21,744	149	101	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Federal Research		Federal Research Expenditures					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Federal Research x \$1000	2000 National Rank	2000 Control Rank	1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank
Public	University of Kentucky	73,858	73	46	66,184	74	47
Public	University of Maine - Orono	24,412	147	99	19,163	158	110
Public	University of Maryland - Baltimore	91,212	63	38	84,516	63	38
Public	University of Maryland - Baltimore County	20,244	160	110	15,624	170	120
Public	University of Maryland - College Park	136,605	38	20	145,081	29	17
Public	University of Massachusetts - Amherst	44,697	105	68	39,877	106	69
Public	University of Massachusetts Medical Sch - Worcester	64,212	84	53	55,516	86	55
Public	University of Medicine & Dentistry of New Jersey	75,318	71	45	61,730	76	48
Private	University of Miami	106,633	51	22	101,883	48	22
Public	University of Michigan - Ann Arbor	364,033	4	2	334,226	4	2
Public	University of Minnesota - Twin Cities	229,958	15	7	207,761	16	7
Public	University of Missouri - Columbia	65,420	79	49	53,875	91	60
Public	University of Nebraska - Lincoln	37,831	115	78	36,977	108	71
Public	University of Nevada - Reno	26,267	141	95	24,587	136	94
Public	University of New Hampshire - Durham	38,921	112	75	30,586	120	80
Public	University of New Mexico - Albuquerque	100,442	55	32	84,976	61	37
Public	University of North Carolina - Chapel Hill	194,794	22	11	182,935	23	11
Private	University of Notre Dame	27,362	137	43	23,614	144	44
Public	University of Oklahoma - Norman	36,931	118	81	29,370	124	82
Public	University of Oklahoma Health Sciences Center	23,611	148	100	28,219	125	83
Public	University of Oregon	30,793	126	86	27,336	128	86
Private	University of Pennsylvania	312,434	6	3	279,013	7	4
Public	University of Pittsburgh - Pittsburgh	228,155	17	8	194,618	19	8
Public	University of Rhode Island	38,538	113	76	36,207	109	72
Private	University of Rochester	150,593	30	14	132,852	35	16
Public	University of South Carolina - Columbia	51,872	97	63	48,490	94	61
Public	University of South Florida	50,557	98	64	42,005	104	67
Private	University of Southern California	210,872	18	10	199,619	17	10
Public	University of Tennessee - Knoxville	44,467	107	70	42,112	103	66
Public	University of Tennessee Health Science Center	27,505	135	94	28,075	127	85
Public	University of Texas - Austin	178,889	26	14	164,913	27	15
Public	University of Texas Health Science Center - Houston	79,665	69	43	71,288	70	43
Public	University of Texas Health Science Ctr - San Antonio	65,251	80	50	56,904	81	51
Public	University of Texas MD Anderson Cancer Center	81,872	66	40	69,413	71	44
Public	University of Texas Medical Branch - Galveston	61,357	87	56	55,061	87	56
Public	University of Texas SW Medical Center - Dallas	109,165	49	28	101,996	47	26
Public	University of Utah	124,344	43	23	111,716	44	24
Public	University of Vermont	39,861	111	74	36,085	110	73
Public	University of Virginia	119,243	46	26	108,495	46	25
Public	University of Washington - Seattle	389,622	2	1	368,112	2	1
Public	University of Wisconsin - Madison	278,629	10	4	249,212	10	5
Public	US Naval Postgraduate School	36,476	119	82	33,308	114	76
Public	Utah State University	57,378	89	58	54,433	88	57
Private	Vanderbilt University	129,986	41	20	116,887	42	20
Public	Virginia Commonwealth University	52,137	95	62	48,175	95	62
Public	Virginia Polytechnic Institute and State University	71,127	74	47	75,386	67	41
Private	Wake Forest University	65,585	78	30	60,293	78	29
Public	Washington State University - Pullman	48,441	102	66	44,610	102	65
Private	Washington University	254,148	12	7	218,598	14	8
Public	Wayne State University	64,320	83	52	57,610	80	50
Public	West Virginia University	28,013	134	93	26,264	132	90
Private	Woods Hole Oceanographic Institution	67,036	77	29	59,534	79	30
Private	Yale University	232,019	14	8	213,404	15	9
Private	Yeshiva University	101,631	53	23	89,680	58	24

			2000 Federal Research by Major Discipline								
1998 Federal Research x \$1000	1998 National Rank	1998 Control Rank	Percent Life Sci	Percent Physical Sci	Percent Enviro Sci	Percent Eng Sci	Percent Computer Sci	Percent Math	Percent Psychology	Percent Social Sci	Percent Other Sci
60,760	77	47	67.9%	6.8%	0.5%	16.6%	1.4%	0.7%	0.9%	1.7%	3.5%
13,028	176	123	28.2%	26.5%	26.2%	10.5%	1.2%	0.0%	1.1%	6.4%	0.0%
78,037	64	39	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12,618	180	125	22.8%	15.9%	23.0%	25.2%	1.4%	2.7%	1.9%	7.1%	0.0%
129,198	32	18	8.5%	25.0%	3.4%	29.6%	8.8%	0.6%	1.8%	22.3%	0.0%
43,196	100	62	26.4%	23.0%	7.6%	15.2%	16.1%	3.7%	7.7%	0.3%	0.0%
53,766	85	54	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
59,828	78	48	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
101,492	44	21	64.0%	2.0%	23.8%	0.9%	0.0%	0.1%	6.3%	2.9%	0.0%
311,450	4	2	55.0%	5.1%	1.5%	23.8%	0.9%	0.7%	1.2%	11.7%	0.0%
204,741	14	7	71.2%	8.0%	2.6%	10.7%	2.4%	1.6%	2.3%	1.3%	0.0%
45,448	93	60	69.5%	3.8%	0.8%	13.3%	0.1%	0.9%	4.4%	7.2%	0.0%
41,888	103	65	37.7%	14.5%	19.2%	11.6%	2.2%	1.0%	0.5%	8.8%	4.4%
20,383	153	103	51.1%	17.7%	16.4%	7.5%	1.4%	0.8%	2.6%	2.3%	0.1%
25,913	133	89	11.5%	3.8%	62.0%	12.3%	0.9%	0.5%	2.9%	5.0%	1.2%
84,365	56	32	38.0%	8.6%	1.7%	21.9%	2.0%	0.6%	4.2%	2.4%	20.5%
171,505	21	9	77.3%	7.1%	3.1%	0.0%	2.9%	0.4%	1.7%	7.5%	0.0%
23,053	141	47	15.5%	47.9%	0.0%	26.8%	3.2%	1.7%	4.0%	0.3%	0.6%
27,770	127	84	5.5%	24.1%	40.1%	11.2%	0.2%	0.3%	12.2%	6.4%	0.0%
26,681	132	88	99.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%
27,041	129	86	49.3%	19.7%	6.5%	2.6%	8.7%	1.4%	7.6%	4.3%	0.0%
247,914	8	5	82.9%	7.1%	0.0%	3.1%	2.5%	0.3%	0.8%	2.7%	0.5%
168,511	23	11	86.8%	4.5%	0.2%	2.9%	0.8%	0.4%	1.7%	2.1%	0.6%
33,308	113	73	22.2%	2.1%	52.7%	7.0%	0.2%	0.0%	8.4%	1.2%	6.1%
130,773	31	14	58.6%	8.3%	0.4%	27.2%	1.5%	0.2%	3.2%	0.6%	0.0%
42,586	101	63	27.1%	15.6%	12.8%	28.8%	0.3%	4.1%	5.6%	5.4%	0.4%
35,930	109	70	59.1%	1.1%	23.3%	9.1%	0.0%	0.2%	5.7%	1.5%	0.0%
190,547	16	9	49.0%	3.7%	4.5%	16.5%	22.0%	1.0%	1.6%	1.4%	0.2%
41,876	104	66	35.4%	14.5%	12.2%	26.7%	6.3%	0.5%	0.0%	3.8%	0.5%
27,917	126	83	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
165,082	25	13	13.9%	23.2%	5.8%	36.8%	10.6%	5.4%	1.7%	2.5%	0.1%
70,446	67	42	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51,954	87	55	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
63,074	73	45	95.2%	3.3%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%
48,588	91	58	99.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%
97,200	48	26	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100,722	46	24	65.2%	8.3%	2.8%	12.5%	8.6%	0.9%	1.3%	0.4%	0.0%
31,460	116	76	89.4%	2.0%	0.6%	1.6%	1.2%	1.3%	1.3%	0.1%	2.6%
99,173	47	25	65.7%	8.8%	4.0%	15.6%	2.7%	0.4%	2.2%	0.7%	0.0%
342,291	3	1	68.9%	5.2%	15.0%	6.4%	1.0%	1.0%	2.2%	0.3%	0.0%
240,513	9	4	53.2%	11.4%	6.4%	14.8%	2.2%	0.6%	6.3%	5.1%	0.0%
33,308	113	73	0.0%	6.3%	24.1%	26.6%	11.8%	9.1%	0.0%	13.7%	8.5%
54,903	83	52	28.0%	6.2%	5.3%	54.3%	0.5%	1.1%	0.8%	1.4%	2.5%
106,325	42	19	79.7%	8.2%	0.2%	6.7%	0.3%	0.3%	1.7%	3.0%	0.0%
48,167	92	59	86.4%	6.4%	0.0%	3.1%	0.0%	0.4%	2.7%	1.0%	0.0%
82,734	57	33	28.8%	6.7%	20.8%	36.7%	1.4%	2.1%	1.5%	2.0%	0.0%
56,705	81	31	99.3%	0.5%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
44,510	96	61	61.2%	8.4%	3.3%	20.4%	0.0%	0.6%	0.4%	5.1%	0.5%
187,173	17	10	89.8%	3.1%	1.1%	1.6%	2.0%	0.6%	0.6%	1.1%	0.0%
57,646	79	49	81.8%	8.0%	0.0%	5.5%	0.9%	0.2%	3.0%	0.5%	0.0%
24,985	134	90	47.9%	9.3%	7.8%	30.9%	1.2%	0.2%	0.5%	0.0%	2.1%
64,765	72	28	0.0%	0.0%	80.9%	19.1%	0.0%	0.0%	0.0%	0.0%	0.0%
205,046	13	7	87.4%	6.8%	1.0%	2.0%	0.6%	0.5%	1.2%	0.5%	0.0%
80,000	62	25	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Private Support		Endowment Assets					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 Endowment Assets x \$1000	2001 National Rank	2001 Control Rank	2000 Endowment Assets x \$1000	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	207,062	182	68	216,823	186	71
Public	Auburn University - Auburn	258,965	160	57	238,170	171	62
Private	Baylor College of Medicine	984,150	45	32	1,044,685	41	29
Private	Boston University	664,581	67	48	913,207	50	36
Private	Brandeis University	397,046	108	75	406,722	105	75
Private	Brown University	1,436,607	26	20	1,416,052	29	22
Private	California Institute of Technology	1,365,798	29	22	1,471,645	27	21
Private	Carnegie Mellon University	756,930	59	42	829,121	59	42
Private	Case Western Reserve University	1,434,000	27	21	1,550,600	26	20
Private	Charles R. Drew University of Medicine and Science	2,200	684	425	2,200	702	432
Public	Clemson University	214,398	181	67	236,348	175	65
Public	Colorado State University	103,130	310	108	104,777	314	107
Private	Columbia University	4,292,793	7	7	4,263,972	7	7
Private	Cornell University	3,151,384	15	13	3,384,415	11	10
Private	Dartmouth College	2,414,231	18	16	2,490,376	18	16
Private	Duke University	3,131,375	16	14	3,232,049	15	13
Private	Emory University	4,315,998	6	6	5,028,407	6	6
Public	Florida International University	32,823	527	176	NR		
Public	Florida State University	328,988	127	44	288,500	151	52
Public	George Mason University	NR			NR		
Private	George Washington University	713,060	64	46	737,647	65	47
Private	Georgetown University	685,473	65	47	745,398	64	46
Public	Georgia Institute of Technology	1,093,622	41	12	1,141,666	36	10
Private	Harvard University	17,950,843	1	1	18,844,338	1	1
Private	Howard University	324,019	130	85	308,972	142	96
Public	Indiana University - Bloomington	479,918	87	26	499,105	86	25
Public	Indiana University-Purdue University - Indianapolis	415,314	106	33	381,134	118	37
Public	Iowa State University	368,332	114	37	410,704	103	30
Private	Johns Hopkins University	1,822,713	22	19	1,825,212	22	19
Public	Kansas State University	184,774	198	74	188,054	205	76
Public	Louisiana State University - Baton Rouge	184,000	199	75	189,813	204	75
Public	Louisiana State University Health Sciences Center	42,319	474	153	21,840	591	202
Private	Loyola University Chicago	282,900	145	95	341,700	130	88
Private	Massachusetts Institute of Technology	6,134,712	5	5	6,475,506	5	5
Private	MCP Hahnemann University	96,389	321	211	109,710	304	203
Private	Medical College of Wisconsin	59,141	411	274	65,307	396	266
Public	Medical University of South Carolina	75,880	366	124	81,408	360	120
Public	Michigan State University	448,570	93	28	310,289	141	46
Public	Mississippi State University	144,582	245	88	153,750	240	86
Public	Montana State University - Bozeman	43,228	469	150	42,606	479	155
Private	Mount Sinai School of Medicine	NR			NR		
Public	New Mexico State University - Las Cruces	97,438	319	110	87,813	341	114
Private	New York University	1,118,300	37	28	1,030,800	43	31
Public	North Carolina State University	310,616	138	48	312,840	140	45
Private	Northeastern University	493,926	85	60	518,536	85	61
Private	Northwestern University	3,256,282	13	11	3,368,233	13	12
Public	Ohio State University - Columbus	1,111,823	38	10	1,294,923	33	9
Public	Oklahoma State University - Stillwater	167,670	215	77	166,885	222	81
Public	Oregon Health & Science University	230,369	173	64	237,446	173	63
Public	Oregon State University	266,748	155	55	266,324	161	56
Public	Pennsylvania State University - Hershey Medical Ctr	93,761	324	111	97,630	321	109
Public	Pennsylvania State University - University Park	750,090	60	18	781,038	62	18
Private	Princeton University	8,359,000	3	3	8,398,100	4	4

			Annual Giving								
1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank	2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
183,440	191	68	79,311	58	31	69,026	66	35	46,610	86	46
233,049	160	54	60,620	76	42	37,301	119	67	37,911	108	58
1,029,156	34	25	95,400	48	23	92,078	47	25	63,647	62	31
652,161	63	46	85,584	55	25	73,428	62	29	73,375	54	28
355,012	107	78	61,390	75	34	61,704	74	36	43,534	101	45
1,181,514	29	22	79,458	57	27	93,077	45	23	75,090	52	27
1,333,229	27	21	83,020	56	26	117,561	33	17	138,091	25	15
719,320	55	39	71,392	62	28	71,671	64	31	40,814	101	49
1,434,200	24	20	180,923	24	13	109,933	38	19	75,342	51	26
NR			NR			NR			NR		
214,566	169	57	50,458	92	50	82,929	54	28	33,314	121	66
84,342	317	106	26,255	163	94	22,465	178	96	21,230	162	88
3,636,621	8	8	358,683	3	3	292,268	7	7	284,487	4	4
2,869,103	12	11	309,473	6	6	308,676	4	4	341,359	2	2
1,710,585	18	16	114,913	39	20	116,128	34	18	106,893	38	21
1,678,728	19	17	264,425	12	10	302,558	6	6	234,507	7	6
4,475,755	5	5	297,778	7	7	101,430	41	20	233,900	8	7
NR			29,208	153	90	NR			NR		
247,471	154	52	67,880	66	36	68,203	67	36	54,500	71	37
NR			22,300	187	100	14,000	264	125	NR		
673,589	62	45	32,656	137	54	40,350	107	49	44,019	91	43
684,193	57	40	94,201	49	24	92,837	46	24	82,078	44	23
948,600	37	10	120,107	37	18	107,465	40	21	82,702	43	21
14,255,996	1	1	683,173	1	1	485,238	2	2	451,672	1	1
291,468	131	90	NR			NR			NR		
400,000	94	27	105,297	44	23	100,797	42	22	79,719	47	24
350,000	111	33	192,543	21	10	90,718	49	24	71,748	55	27
266,348	143	45	52,019	87	47	130,022	29	14	49,490	82	44
1,520,793	22	19	347,732	5	5	304,044	5	5	206,973	14	11
152,366	215	77	44,547	105	61	40,331	108	59	35,042	114	62
176,925	195	70	50,500	91	49	33,400	128	72	38,500	106	56
10,303	574	212	6,885	477	186	NR			NR		
302,930	126	87	25,151	173	77	19,645	201	96	24,718	147	68
4,287,701	6	6	199,002	20	11	238,426	12	10	208,437	12	10
NR			NR			NR			NR		
57,859	379	254	16,000	255	129	17,800	216	108	NR		
82,696	326	110	18,747	221	111	16,714	225	110	15,909	216	104
265,238	144	46	202,007	19	9	121,287	32	16	104,136	40	19
160,399	205	73	41,178	114	67	26,720	156	83	26,325	138	75
NR			15,900	256	127	12,000	291	136	NR		
NR			NR			NR			NR		
47,000	416	137	11,633	311	147	8,452	385	161	6,392	449	174
1,035,900	33	24	171,933	26	14	236,620	13	11	128,044	29	16
275,532	133	42	90,342	52	28	74,363	59	32	74,999	53	26
396,205	95	68	27,082	159	68	31,089	137	64	28,268	128	58
2,634,850	14	13	165,717	27	15	203,069	17	12	144,550	24	14
1,086,350	32	9	210,551	16	6	174,329	22	9	153,437	21	8
156,074	209	74	41,256	113	66	37,984	115	65	35,088	113	61
216,530	167	56	66,100	69	38	51,535	89	49	34,010	117	64
241,973	158	53	29,595	150	88	37,178	120	68	40,958	100	52
79,219	334	113	30,080	147	86	12,800	274	129	18,400	188	97
633,748	66	18	123,862	35	17	125,958	31	15	112,161	37	17
6,469,200	3	3	184,882	23	12	166,189	24	14	159,080	19	13

Private Support		Endowment Assets					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
Public	Purdue University - West Lafayette	1,217,118	32	8	1,301,976	32	8
Private	Rensselaer Polytechnic Institute	618,912	75	52	729,973	66	48
Private	Rice University	3,243,033	14	12	3,372,458	12	11
Private	Rockefeller University	1,361,200	30	23	1,372,200	30	23
Private	Rush University	328,962	128	84	387,590	116	81
Public	Rutgers the State University of NJ - New Brunswick	372,973	113	36	400,259	108	31
Private	Saint Louis University - St. Louis	819,115	56	39	925,955	49	35
Public	San Diego State University	59,165	410	137	57,146	424	141
Private	Stanford University	8,249,551	4	4	8,649,475	3	3
Public	State Univ. of New York Health Science Ctr - Brooklyn	36,744	502	168	37,710	508	170
Private	Syracuse University	735,484	62	44	825,250	60	43
Public	Temple University	140,286	248	89	156,762	235	83
Public	Texas A&M University	3,764,843	9	1	3,932,469	9	1
Public	Texas Tech University	316,483	134	46	293,407	148	49
Private	Thomas Jefferson University	400,000	107	74	400,000	109	78
Private	Tufts University	548,998	80	56	523,520	84	60
Private	Tulane University	638,871	70	50	636,350	76	55
Public	University at Albany	11,043	646	231	10,337	665	242
Public	University at Buffalo	428,085	103	30	447,322	96	27
Public	University at Stony Brook	40,450	485	160	38,145	505	167
Public	University of Alabama - Birmingham	247,638	166	60	228,740	178	66
Public	University of Alabama - Huntsville	18,480	604	209	20,456	604	206
Public	University of Alaska - Fairbanks	33,402	526	175	34,264	529	177
Public	University of Arizona	310,174	139	49	285,356	152	53
Public	University of Arkansas - Fayetteville	233,858	171	63	244,125	169	60
Public	University of Arkansas for Medical Sciences	59,401	409	136	64,079	401	133
Public	University of California - Berkeley	1,953,443	21	3	2,168,671	20	3
Public	University of California - Davis	429,616	101	29	395,346	112	33
Public	University of California - Irvine	126,341	273	97	128,738	268	94
Public	University of California - Los Angeles	1,390,390	28	7	1,447,371	28	7
Public	University of California - Riverside	70,203	382	130	63,047	403	134
Public	University of California - San Diego	274,143	150	53	292,730	150	51
Public	University of California - San Francisco	873,237	53	17	912,258	52	15
Public	University of California - Santa Barbara	87,152	337	114	85,866	347	115
Public	University of California - Santa Cruz	76,352	365	123	85,285	350	116
Private	University of Chicago	3,516,238	10	9	3,828,664	10	9
Public	University of Cincinnati - Cincinnati	909,268	51	16	963,907	47	14
Public	University of Colorado - Boulder	204,598	184	69	238,960	170	61
Public	University of Colorado Health Sciences Center	118,037	279	99	119,480	285	98
Public	University of Connecticut - Health Center	54,530	425	141	53,845	439	143
Public	University of Connecticut - Storrs	110,713	295	101	125,638	273	96
Private	University of Dayton	274,449	149	97	297,297	147	99
Public	University of Delaware	928,398	47	14	911,521	54	17
Public	University of Florida	635,143	72	22	681,370	70	21
Public	University of Georgia	396,765	109	34	388,422	115	35
Public	University of Hawaii - Manoa	158,611	227	82	172,985	216	79
Public	University of Houston - University Park	339,277	126	43	390,617	114	34
Public	University of Idaho	120,361	277	98	108,217	308	104
Public	University of Illinois - Chicago	107,811	299	104	119,007	286	99
Public	University of Illinois - Urbana-Champaign	601,944	78	24	585,879	79	23
Public	University of Iowa	635,507	71	21	537,061	82	24
Public	University of Kansas - Lawrence	665,412	66	19	684,362	69	20
Public	University of Kansas Medical Center	166,353	216	78	171,090	219	80

			Annual Giving								
1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank	2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
1,222,411	28	7	130,735	34	16	84,358	52	26	81,964	45	22
516,238	80	58	61,736	73	33	42,716	102	46	36,466	109	51
2,936,622	11	10	67,497	67	31	73,651	61	28	78,362	49	25
1,007,600	36	27	65,115	70	32	60,179	76	37	53,198	74	36
347,611	112	79	NR			NR			NR		
350,741	109	31	106,028	41	21	73,945	60	33	54,567	70	36
907,822	42	30	32,550	138	55	31,662	134	61	30,162	126	57
51,282	399	131	42,097	110	65	39,635	111	62	32,256	122	67
6,005,211	4	4	468,967	2	2	580,474	1	1	319,590	3	3
36,254	461	150	999	890	352	900	907	348	NR		
641,466	64	47	37,530	126	51	42,814	101	45	33,683	120	55
141,527	232	83	38,655	122	73	39,721	110	61	44,385	89	48
3,596,759	9	1	114,527	40	20	110,426	37	19	123,580	31	15
197,532	180	65	115,821	38	19	59,474	79	41	60,488	64	33
384,973	98	71	25,800	167	72	31,000	138	65	23,400	155	72
464,107	84	61	55,638	82	38	72,990	63	30	52,555	76	37
548,305	76	55	53,869	85	39	66,000	70	34	60,200	67	32
9,369	581	218	17,826	237	118	16,215	233	111	14,964	231	110
438,002	85	24	30,223	146	85	28,287	148	79	16,759	207	102
22,383	524	184	18,180	233	115	20,080	200	105	11,583	287	127
204,680	174	60	54,358	84	46	56,864	83	43	38,095	107	57
16,596	552	196	5,474	540	208	10,503	325	146	1,243	849	304
31,133	490	165	18,621	222	112	9,429	354	155	NR		
272,950	135	43	103,822	45	24	91,711	48	23	76,839	50	25
222,838	165	55	61,824	72	40	88,197	50	25	98,118	41	20
NR			17,572	240	121	27,600	149	80	18,600	187	96
1,654,557	20	3	202,607	18	8	166,844	23	10	184,231	16	4
300,828	129	41	73,286	60	33	76,768	58	31	53,229	73	38
100,276	297	99	48,490	97	55	67,254	70	37	48,545	83	45
1,103,038	31	8	263,652	13	3	253,765	10	2	208,204	13	3
50,138	404	134	20,754	202	105	12,403	281	134	12,580	263	123
200,552	178	64	93,632	50	26	112,792	36	18	114,736	34	16
701,933	56	17	271,565	11	2	218,320	16	5	151,700	22	9
100,276	297	99	29,994	148	87	24,111	168	89	19,435	183	93
50,138	404	134	13,615	273	135	15,564	241	116	22,556	160	86
2,762,686	13	12	163,615	28	16	177,619	21	13	120,663	32	17
898,976	44	13	86,247	54	30	61,671	76	40	40,765	102	53
195,585	181	66	48,716	96	54	57,284	82	42	51,873	78	40
97,793	301	102	46,340	99	56	28,642	145	78	25,936	141	77
42,865	432	140	9,960	357	161	5,200	558	209	2,048	756	261
100,019	299	101	40,640	117	68	31,755	133	73	23,551	152	82
247,463	155	103	23,441	183	86	27,205	154	72	14,213	239	126
777,349	52	15	44,990	100	57	44,679	99	56	40,107	104	55
601,813	70	20	142,945	32	15	163,600	26	12	135,389	26	11
334,534	119	36	43,603	107	63	45,739	98	55	42,534	96	50
146,459	226	80	19,665	211	109	22,844	173	94	13,451	249	120
363,529	103	29	33,185	135	82	80,777	56	30	35,519	111	59
110,000	277	93	21,878	191	101	27,396	151	82	22,054	161	87
106,154	283	95	37,175	128	77	38,509	114	64	35,160	112	60
522,607	78	22	105,576	43	22	107,504	39	20	105,480	39	18
476,800	82	23	96,059	47	25	83,894	53	27	81,512	46	23
613,338	68	19	64,308	71	39	62,793	74	39	64,737	58	30
153,335	214	76	16,077	252	126	15,698	239	115	16,184	213	103

Private Support		Endowment Assets					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
Public	University of Kentucky	419,211	105	32	369,372	122	40
Public	University of Maine - Orono	135,043	262	94	109,117	307	103
Public	University of Maryland - Baltimore	152,023	236	85	149,560	248	88
Public	University of Maryland - Baltimore County	15,202	628	221	14,956	642	229
Public	University of Maryland - College Park	324,316	129	45	319,061	136	43
Public	University of Massachusetts - Amherst	70,787	380	128	65,247	397	131
Public	University of Massachusetts Medical Sch - Worcester	45,046	460	146	41,521	487	159
Public	University of Medicine & Dentistry of New Jersey	162,131	222	80	140,341	259	91
Private	University of Miami	457,843	90	63	465,212	92	67
Public	University of Michigan - Ann Arbor	3,469,536	11	2	3,329,637	14	2
Public	University of Minnesota - Twin Cities	1,650,969	24	5	1,808,812	23	4
Public	University of Missouri - Columbia	353,645	119	40	379,095	119	38
Public	University of Nebraska - Lincoln	629,855	73	23	590,875	78	22
Public	University of Nevada - Reno	128,147	270	95	128,789	267	93
Public	University of New Hampshire - Durham	148,256	238	87	156,016	237	85
Public	University of New Mexico - Albuquerque	186,655	197	73	202,558	196	72
Public	University of North Carolina - Chapel Hill	1,045,750	42	13	1,105,254	37	11
Private	University of Notre Dame	2,829,914	17	15	3,089,007	17	15
Public	University of Oklahoma - Norman	424,078	104	31	417,909	102	29
Public	University of Oklahoma Health Sciences Center	178,903	202	76	131,971	264	92
Public	University of Oregon	246,528	167	61	251,359	164	58
Private	University of Pennsylvania	3,381,848	12	10	3,200,812	16	14
Public	University of Pittsburgh - Pittsburgh	1,103,082	39	11	1,018,015	44	13
Public	University of Rhode Island	61,118	404	134	64,881	399	132
Private	University of Rochester	1,245,406	31	24	1,278,774	34	25
Public	University of South Carolina - Columbia	302,678	142	50	267,740	160	55
Public	University of South Florida	253,897	162	58	237,027	174	64
Private	University of Southern California	2,086,245	20	18	2,152,589	21	18
Public	University of Tennessee - Knoxville	385,850	112	35	384,617	117	36
Public	University of Tennessee Health Science Center	139,048	253	90	156,209	236	84
Public	University of Texas - Austin	1,463,114	25	6	1,611,050	25	6
Public	University of Texas Health Science Center - Houston	88,680	331	112	96,519	325	110
Public	University of Texas Health Science Ctr - San Antonio	252,520	163	59	293,090	149	50
Public	University of Texas MD Anderson Cancer Center	278,151	147	51	300,480	145	48
Public	University of Texas Medical Branch - Galveston	316,291	135	47	342,602	129	42
Public	University of Texas SW Medical Center - Dallas	644,909	69	20	713,253	68	19
Public	University of Utah	340,947	125	42	317,268	137	44
Public	University of Vermont	202,029	187	70	201,781	198	73
Public	University of Virginia	1,708,199	23	4	1,738,984	24	5
Public	University of Washington - Seattle	927,806	48	15	911,804	53	16
Public	University of Wisconsin - Madison	1,120,884	36	9	1,080,363	39	12
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	79,213	361	122	76,878	372	123
Private	Vanderbilt University	2,159,614	19	17	2,314,935	19	17
Public	Virginia Commonwealth University	218,321	179	66	225,674	179	67
Public	Virginia Polytechnic Institute and State University	359,528	118	39	368,197	123	41
Private	Wake Forest University	812,389	57	40	969,618	46	33
Public	Washington State University - Pullman	468,849	88	27	437,093	98	28
Private	Washington University	3,951,509	8	8	4,234,599	8	8
Public	Wayne State University	159,506	225	81	158,841	231	82
Public	West Virginia University	274,140	151	54	283,688	153	54
Private	Woods Hole Oceanographic Institution	268,200	154	100	278,829	156	102
Private	Yale University	10,700,000	2	2	10,084,900	2	2
Private	Yeshiva University	831,438	55	38	775,262	63	45

			Annual Giving								
1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank	2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
327,644	121	38	55,351	83	45	48,382	95	52	52,540	76	39
134,270	245	88	50,214	93	51	14,388	256	121	17,910	198	99
154,598	210	75	37,384	127	76	29,419	143	76	21,148	163	89
14,961	559	202	10,873	328	152	7,926	415	172	9,710	331	141
314,183	125	39	75,964	59	32	56,119	84	44	50,309	81	43
60,579	371	123	22,530	186	99	21,117	193	102	19,268	185	95
38,550	452	147	15,300	261	129	15,700	238	114	4,113	578	206
120,000	263	91	44,900	101	58	22,400	179	97	14,400	237	113
428,571	89	64	105,812	42	21	100,563	43	21	85,736	42	22
2,424,588	15	2	209,390	17	7	221,381	15	4	169,913	17	5
1,509,769	23	4	228,926	15	5	193,950	20	8	161,966	18	6
350,319	110	32	43,872	106	62	39,212	113	63	40,371	103	54
429,991	88	25	67,986	65	35	47,615	96	53	155,000	20	7
117,139	266	92	17,713	238	119	21,604	190	101	28,206	129	71
135,880	240	87	16,968	245	123	11,790	294	138	15,055	228	108
193,377	182	67	33,818	134	81	30,879	139	74	25,306	144	78
925,746	38	11	160,375	29	13	164,640	25	11	148,310	23	10
1,984,256	16	14	142,242	33	18	140,679	28	15	113,527	36	20
338,762	115	35	59,455	77	43	51,244	90	50	45,195	88	47
145,184	229	82	29,284	151	89	26,398	158	85	19,370	184	94
214,503	170	58	48,960	95	53	48,584	94	51	51,270	79	41
3,281,342	10	9	285,596	9	8	288,152	8	8	270,061	5	5
854,840	48	14	88,645	53	29	82,030	55	29	65,574	57	29
58,740	374	125	14,320	269	133	12,758	276	130	14,105	240	114
1,119,027	30	23	69,900	63	29	64,091	71	35	48,321	79	39
253,775	150	50	50,629	89	48	52,357	88	48	50,437	80	42
202,784	175	61	37,039	130	78	40,809	106	58	19,694	179	92
1,589,833	21	18	280,986	10	9	253,288	11	9	216,784	10	9
151,240	219	78	72,403	61	34	54,141	86	46	42,628	95	49
129,000	251	89	10,216	348	159	20,357	199	104	14,900	235	112
1,355,016	26	6	179,951	25	12	201,637	18	6	132,940	27	12
77,088	343	116	23,807	181	97	23,880	169	90	24,675	148	80
252,852	152	51	33,118	136	83	26,499	157	84	17,376	202	101
256,739	147	48	61,585	74	41	63,526	73	38	63,189	63	32
302,115	128	40	38,150	123	74	34,969	124	71	24,380	149	81
593,224	71	21	90,409	51	27	115,033	35	17	64,393	59	31
269,430	138	44	146,344	31	14	144,016	27	13	125,544	30	14
180,423	193	69	31,819	142	84	24,280	167	88	22,818	159	85
1,398,068	25	5	189,900	22	11	195,284	19	7	132,184	28	13
745,217	54	16	231,918	14	4	225,575	14	3	210,745	11	2
909,834	40	12	292,429	8	1	280,182	9	1	245,382	6	1
NR			NR			NR			NR		
64,821	366	122	21,199	197	103	23,729	171	92	21,006	165	90
1,831,766	17	15	155,719	30	17	94,181	44	22	193,183	15	12
200,793	177	63	27,395	158	91	27,567	150	81	27,507	132	73
340,244	114	34	66,429	68	37	55,610	85	45	71,373	56	28
857,938	47	34	58,298	80	37	42,502	103	47	47,159	80	40
421,402	91	26	40,005	120	71	45,808	97	54	41,240	99	51
3,761,686	7	7	122,061	36	19	127,219	30	16	114,367	35	19
146,275	227	81	44,650	103	60	40,000	109	60	34,220	115	63
254,576	149	49	38,845	121	72	52,855	87	47	28,088	130	72
270,500	136	93	24,124	179	83	15,588	240	125	4,785	538	342
7,197,900	2	2	350,123	4	4	358,103	3	3	224,443	9	8
674,833	61	44	103,000	46	22	77,209	57	27	41,299	104	48

Faculty Quality		National Academy Membership					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 National Academy Members	2001 National Rank	2001 Control Rank	2000 National Academy Members	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	4	96	57	3	101	61
Public	Auburn University - Auburn	0	188	111	0	188	112
Private	Baylor College of Medicine	13	54	24	12	56	26
Private	Boston University	13	54	24	14	54	25
Private	Brandeis University	12	60	29	12	56	26
Private	Brown University	17	48	22	17	46	22
Private	California Institute of Technology	93	6	5	93	6	5
Private	Carnegie Mellon University	21	39	20	22	35	19
Private	Case Western Reserve University	24	34	18	23	34	18
Private	Charles R. Drew University of Medicine and Science	2	114	45	2	113	44
Public	Clemson University	1	134	82	1	133	83
Public	Colorado State University	7	75	42	6	79	46
Private	Columbia University	77	11	8	75	10	8
Private	Cornell University	80	9	7	82	9	7
Private	Dartmouth College	13	54	24	15	51	24
Private	Duke University	42	22	13	40	22	13
Private	Emory University	9	67	31	9	67	31
Public	Florida International University	0	188	111	0	188	112
Public	Florida State University	7	75	42	6	79	46
Public	George Mason University	2	114	70	1	133	83
Private	George Washington University	4	96	40	4	97	40
Private	Georgetown University	5	86	35	5	84	35
Public	Georgia Institute of Technology	25	32	15	22	35	17
Private	Harvard University	265	1	1	247	1	1
Private	Howard University	5	86	35	5	84	35
Public	Indiana University - Bloomington	11	61	32	10	63	33
Public	Indiana University-Purdue University - Indianapolis	6	80	47	5	84	50
Public	Iowa State University	7	75	42	7	73	41
Private	Johns Hopkins University	64	15	10	65	14	10
Public	Kansas State University	0	188	111	0	188	112
Public	Louisiana State University - Baton Rouge	1	134	82	1	133	83
Public	Louisiana State University Health Sciences Center	0	188	111	0	188	112
Private	Loyola University Chicago	0	188	78	0	188	77
Private	Massachusetts Institute of Technology	232	3	3	236	3	3
Private	MCP Hahnemann University	1	134	53	1	133	51
Private	Medical College of Wisconsin	1	134	53	1	133	51
Public	Medical University of South Carolina	2	114	70	2	113	70
Public	Michigan State University	6	80	47	6	79	46
Public	Mississippi State University	0	188	111	0	188	112
Public	Montana State University - Bozeman	0	188	111	0	188	112
Private	Mount Sinai School of Medicine	10	63	30	11	59	28
Public	New Mexico State University - Las Cruces	0	188	111	0	188	112
Private	New York University	29	29	17	30	29	17
Public	North Carolina State University	19	42	21	15	51	28
Private	Northeastern University	0	188	78	0	188	77
Private	Northwestern University	31	28	16	31	28	16
Public	Ohio State University - Columbus	15	53	30	13	55	30
Public	Oklahoma State University - Stillwater	3	104	63	3	101	61
Public	Oregon Health & Science University	4	96	57	4	97	58
Public	Oregon State University	5	86	52	5	84	50
Public	Pennsylvania State University - Hershey Medical Ctr	2	114	70	3	101	61
Public	Pennsylvania State University - University Park	23	37	19	22	35	17
Private	Princeton University	76	12	9	73	11	9

			Faculty Awards								
1999 National Academy Members	1999 National Rank	1999 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank	2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
3	101	61	14	51	30	11	62	36	10	66	40
0	181	108	3	157	107	3	159	104	0	505	286
10	60	28	14	51	22	13	53	22	15	48	22
14	50	24	16	42	17	20	28	15	16	46	20
12	56	26	7	86	32	14	47	19	13	52	23
16	47	22	19	35	15	11	62	27	13	52	23
92	6	5	14	51	22	14	47	19	19	40	17
21	36	19	8	79	29	14	47	19	5	101	37
22	34	18	8	79	29	6	93	34	10	66	27
1	123	48	0	545	240	0	520	214	0	505	220
1	123	76	7	86	55	6	93	60	4	123	82
5	82	48	10	70	43	5	112	74	6	89	56
70	11	9	38	7	4	38	6	4	38	13	8
75	9	7	22	29	13	32	11	8	27	23	12
13	52	25	15	46	20	13	53	22	9	74	30
38	22	13	26	21	10	31	14	9	38	13	8
8	69	32	14	51	22	10	70	28	17	44	18
0	181	108	4	125	85	2	199	128	7	82	51
7	70	38	2	201	132	2	199	128	4	123	82
1	123	76	1	286	176	3	159	104	3	149	98
7	70	33	4	125	41	2	199	72	5	101	37
4	93	38	11	65	26	6	93	34	7	82	32
18	43	23	20	34	20	15	43	25	6	89	56
250	1	1	51	2	1	60	1	1	69	1	1
5	82	35	2	201	70	1	284	102	3	149	52
7	70	38	9	76	48	11	62	36	13	52	30
3	101	61	5	105	70	4	131	87	7	82	51
7	70	38	11	65	40	6	93	60	4	123	82
61	15	10	39	5	3	34	9	6	42	9	6
0	181	108	4	125	85	1	284	183	1	277	163
1	123	76	10	70	43	10	70	43	9	74	45
0	181	108	2	201	132	2	199	128	2	188	119
0	181	74	2	201	70	4	131	45	4	123	42
227	3	3	30	14	7	33	10	7	42	9	6
3	101	41	0	545	240	0	520	214	0	505	220
1	123	48	1	286	111	1	284	102	5	101	37
2	113	68	1	286	176	1	284	183	2	188	119
7	70	38	14	51	30	15	43	25	10	66	40
0	181	108	2	201	132	3	159	104	3	149	98
0	181	108	0	545	306	5	112	74	3	149	98
9	65	30	3	157	51	3	159	56	5	101	37
1	123	76	6	95	62	7	86	54	4	123	82
25	29	17	17	39	16	22	27	14	28	19	11
18	43	23	17	39	24	14	47	29	6	89	56
0	181	74	3	157	51	4	131	45	4	123	42
33	26	15	32	12	6	27	22	12	25	27	14
11	58	32	23	27	15	19	29	14	25	27	14
3	101	61	5	105	70	6	93	60	1	277	163
4	93	56	14	51	30	11	62	36	10	66	40
4	93	56	7	86	55	6	93	60	4	123	82
3	101	61	5	105	70	4	131	87	6	89	56
22	34	17	26	21	12	16	40	22	23	31	16
74	10	8	25	24	12	28	20	11	26	24	13

Faculty Quality		National Academy Membership					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — National Academy Members	2001 — National Rank	2001 — Control Rank	2000 — National Academy Members	2000 — National Rank	2000 — Control Rank
Public	Purdue University - West Lafayette	16	52	29	17	46	25
Private	Rensselaer Polytechnic Institute	13	54	24	11	59	28
Private	Rice University	21	39	20	19	42	21
Private	Rockefeller University	43	21	12	43	21	12
Private	Rush University	2	114	45	2	113	44
Public	Rutgers the State University of NJ - New Brunswick	25	32	15	26	31	14
Private	Saint Louis University - St. Louis	1	134	53	1	133	51
Public	San Diego State University	0	188	111	0	188	112
Private	Stanford University	243	2	2	239	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	1	134	82	1	133	83
Private	Syracuse University	1	134	53	1	133	51
Public	Temple University	0	188	111	1	133	83
Public	Texas A&M University	17	48	27	15	51	28
Public	Texas Tech University	0	188	111	0	188	112
Private	Thomas Jefferson University	5	86	35	6	79	34
Private	Tufts University	6	80	34	5	84	35
Private	Tulane University	3	104	42	3	101	41
Public	University at Albany	0	188	111	0	188	112
Public	University at Buffalo	5	86	52	5	84	50
Public	University at Stony Brook	13	54	31	12	56	31
Public	University of Alabama - Birmingham	10	63	34	9	67	37
Public	University of Alabama - Huntsville	0	188	111	0	188	112
Public	University of Alaska - Fairbanks	0	188	111	0	188	112
Public	University of Arizona	29	29	13	27	30	13
Public	University of Arkansas - Fayetteville	2	114	70	2	113	70
Public	University of Arkansas for Medical Sciences	1	134	82	0	188	112
Public	University of California - Berkeley	199	4	1	190	4	1
Public	University of California - Davis	28	31	14	25	32	15
Public	University of California - Irvine	20	41	20	21	40	21
Public	University of California - Los Angeles	58	17	7	61	16	6
Public	University of California - Riverside	6	80	47	6	79	46
Public	University of California - San Diego	93	6	2	91	7	2
Public	University of California - San Francisco	68	14	5	64	15	5
Public	University of California - Santa Barbara	34	27	12	32	27	12
Public	University of California - Santa Cruz	10	63	34	10	63	33
Private	University of Chicago	56	18	11	60	17	11
Public	University of Cincinnati - Cincinnati	3	104	63	2	113	70
Public	University of Colorado - Boulder	24	34	17	24	33	16
Public	University of Colorado Health Sciences Center	7	75	42	7	73	41
Public	University of Connecticut - Health Center	3	104	63	3	101	61
Public	University of Connecticut - Storrs	1	134	82	1	133	83
Private	University of Dayton	1	134	53	1	133	51
Public	University of Delaware	10	63	34	10	63	33
Public	University of Florida	17	48	27	17	46	25
Public	University of Georgia	8	72	40	8	72	40
Public	University of Hawaii - Manoa	5	86	52	5	84	50
Public	University of Houston - University Park	8	72	40	7	73	41
Public	University of Idaho	0	188	111	0	188	112
Public	University of Illinois - Chicago	6	80	47	5	84	50
Public	University of Illinois - Urbana-Champaign	54	19	8	53	19	8
Public	University of Iowa	19	42	21	18	44	23
Public	University of Kansas - Lawrence	7	75	42	7	73	41
Public	University of Kansas Medical Center	0	188	111	0	188	112

			Faculty Awards								
1999 National Academy Members	1999 National Rank	1999 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank	2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
20	37	18	19	35	21	19	29	14	23	31	16
11	58	27	4	125	41	8	81	31	4	123	42
18	43	21	6	95	34	8	81	31	10	66	27
40	21	12	16	42	17	10	70	28	24	30	15
3	101	41	1	286	111	1	284	102	0	505	220
23	33	16	15	46	27	19	29	14	22	33	18
1	123	48	2	201	70	0	520	214	4	123	42
0	181	108	5	105	70	7	86	54	6	89	56
230	2	2	48	3	2	53	3	2	67	2	2
1	123	76	0	545	306	0	520	307	0	505	286
1	123	48	7	86	32	7	86	33	6	89	34
1	123	76	5	105	70	5	112	74	5	101	65
13	52	28	21	31	17	11	62	36	18	41	24
0	181	108	3	157	107	4	131	87	5	101	65
5	82	35	2	201	70	2	199	72	2	188	70
4	93	38	11	65	26	12	58	25	12	57	25
1	123	48	10	70	28	9	74	30	10	66	27
0	181	108	6	95	62	2	199	128	1	277	163
5	82	48	4	125	85	16	40	22	14	51	29
13	52	28	21	31	17	17	39	21	20	36	21
9	65	36	11	65	40	15	43	25	15	48	27
0	181	108	0	545	306	0	520	307	0	505	286
0	181	108	3	157	107	1	284	183	1	277	163
25	29	13	16	42	26	18	36	20	11	60	34
2	113	68	3	157	107	1	284	183	4	123	82
0	181	108	0	545	306	0	520	307	0	505	286
188	4	1	47	4	2	56	2	1	57	5	2
24	32	15	24	25	13	19	29	14	20	36	21
20	37	18	10	70	43	12	58	34	6	89	56
64	14	5	39	5	3	51	4	2	61	3	1
5	82	48	8	79	51	3	159	104	5	101	65
85	7	2	30	14	8	29	18	8	36	15	6
60	16	6	32	12	7	31	14	6	41	12	5
30	28	12	9	76	48	9	74	45	15	48	27
10	60	33	4	125	85	7	86	54	9	74	45
59	17	11	27	18	8	35	8	5	43	8	5
2	113	68	14	51	30	8	81	51	12	57	33
25	29	13	17	39	24	15	43	25	28	19	9
6	80	46	8	79	51	9	74	45	11	60	34
3	101	61	3	157	107	3	159	104	2	188	119
0	181	108	14	51	30	8	81	51	5	101	65
1	123	48	0	545	240	0	520	214	1	277	115
10	60	33	4	125	85	9	74	45	5	101	65
15	49	26	24	25	13	27	22	11	25	27	14
9	65	36	15	46	27	11	62	36	6	89	56
5	82	48	7	86	55	4	131	87	9	74	45
7	70	38	4	125	85	6	93	60	9	74	45
0	181	108	2	201	132	2	199	128	4	123	82
5	82	48	12	61	37	16	40	22	18	41	24
54	18	7	34	9	5	32	11	4	32	18	8
14	50	27	14	51	30	11	62	36	22	33	18
5	82	48	9	76	48	14	47	29	4	123	82
0	181	108	4	125	85	5	112	74	3	149	98

Faculty Quality		National Academy Membership					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 National Academy Members	2001 National Rank	2001 Control Rank	2000 National Academy Members	2000 National Rank	2000 Control Rank
Public	University of Kentucky	4	96	57	4	97	58
Public	University of Maine - Orono	0	188	111	0	188	112
Public	University of Maryland - Baltimore	9	67	37	9	67	37
Public	University of Maryland - Baltimore County	0	188	111	0	188	112
Public	University of Maryland - College Park	19	42	21	18	44	23
Public	University of Massachusetts - Amherst	9	67	37	10	63	33
Public	University of Massachusetts Medical Sch - Worcester	3	104	63	2	113	70
Public	University of Medicine & Dentistry of New Jersey	1	134	82	2	113	70
Private	University of Miami	2	114	45	1	133	51
Public	University of Michigan - Ann Arbor	62	16	6	60	17	7
Public	University of Minnesota - Twin Cities	35	25	10	36	23	10
Public	University of Missouri - Columbia	5	86	52	5	84	50
Public	University of Nebraska - Lincoln	2	114	70	2	113	70
Public	University of Nevada - Reno	2	114	70	2	113	70
Public	University of New Hampshire - Durham	0	188	111	0	188	112
Public	University of New Mexico - Albuquerque	3	104	63	4	97	58
Public	University of North Carolina - Chapel Hill	35	25	10	33	26	11
Private	University of Notre Dame	2	114	45	2	113	44
Public	University of Oklahoma - Norman	2	114	70	3	101	61
Public	University of Oklahoma Health Sciences Center	1	134	82	2	113	70
Public	University of Oregon	5	86	52	5	84	50
Private	University of Pennsylvania	87	8	6	87	8	6
Public	University of Pittsburgh - Pittsburgh	19	42	21	17	46	25
Public	University of Rhode Island	1	134	82	1	133	83
Private	University of Rochester	22	38	19	20	41	20
Public	University of South Carolina - Columbia	1	134	82	1	133	83
Public	University of South Florida	3	104	63	3	101	61
Private	University of Southern California	36	24	15	34	25	15
Public	University of Tennessee - Knoxville	1	134	82	1	133	83
Public	University of Tennessee Health Science Center	0	188	111	0	188	112
Public	University of Texas - Austin	52	20	9	52	20	9
Public	University of Texas Health Science Center - Houston	4	96	57	5	84	50
Public	University of Texas Health Science Ctr - San Antonio	1	134	82	1	133	83
Public	University of Texas MD Anderson Cancer Center	1	134	82	1	133	83
Public	University of Texas Medical Branch - Galveston	2	114	70	2	113	70
Public	University of Texas SW Medical Center - Dallas	24	34	17	22	35	17
Public	University of Utah	18	47	26	19	42	22
Public	University of Vermont	3	104	63	3	101	61
Public	University of Virginia	19	42	21	22	35	17
Public	University of Washington - Seattle	78	10	3	71	12	3
Public	University of Wisconsin - Madison	69	13	4	68	13	4
Public	US Naval Postgraduate School	1	134	82	1	133	83
Public	Utah State University	0	188	111	0	188	112
Private	Vanderbilt University	13	54	24	11	59	28
Public	Virginia Commonwealth University	2	114	70	1	133	83
Public	Virginia Polytechnic Institute and State University	11	61	32	11	59	32
Private	Wake Forest University	2	114	45	2	113	44
Public	Washington State University - Pullman	6	80	47	7	73	41
Private	Washington University	37	23	14	35	24	14
Public	Wayne State University	4	96	57	3	101	61
Public	West Virginia University	0	188	111	0	188	112
Private	Woods Hole Oceanographic Institution	4	96	40	5	84	35
Private	Yale University	108	5	4	101	5	4
Private	Yeshiva University	9	67	31	9	67	31

			Faculty Awards								
1999 National Academy Members	1999 National Rank	1999 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank	2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
4	93	56	12	61	37	14	47	29	13	52	30
0	181	108	3	157	107	5	112	74	3	149	98
6	80	46	5	105	70	5	112	74	11	60	34
1	123	76	3	157	107	6	93	60	5	101	65
19	41	22	21	31	17	12	58	34	11	60	34
12	56	31	14	51	30	13	53	32	10	66	40
0	181	108	8	79	51	9	74	45	7	82	51
2	113	68	6	95	62	6	93	60	5	101	65
1	123	48	2	201	70	3	159	56	7	82	32
53	19	8	52	1	1	32	11	4	45	7	3
36	23	10	28	17	10	30	16	7	28	19	9
5	82	48	10	70	43	9	74	45	13	52	30
2	113	68	6	95	62	5	112	74	7	82	51
2	113	68	6	95	62	4	131	87	3	149	98
0	181	108	7	86	55	6	93	60	4	123	82
4	93	56	6	95	62	6	93	60	6	89	56
35	25	11	30	14	8	29	18	8	26	24	12
2	113	46	12	61	25	13	53	22	12	57	25
4	93	56	10	70	43	2	199	128	10	66	40
2	113	68	2	201	132	4	131	87	3	149	98
5	82	48	12	61	37	5	112	74	11	60	34
82	8	6	33	11	5	42	5	3	50	6	4
13	52	28	18	37	22	11	62	36	20	36	21
1	123	76	4	125	85	3	159	104	2	188	119
19	41	20	8	79	29	12	58	25	6	89	34
1	123	76	11	65	40	10	70	43	5	101	65
3	101	61	4	125	85	8	81	51	8	80	50
36	23	14	22	29	13	19	29	16	16	46	20
1	123	76	5	105	70	6	93	60	1	277	163
0	181	108	2	201	132	1	284	183	0	505	286
51	20	9	23	27	15	28	20	10	26	24	12
7	70	38	5	105	70	4	131	87	5	101	65
1	123	76	8	79	51	7	86	54	7	82	51
1	123	76	0	545	306	2	199	128	1	277	163
1	123	76	2	201	132	1	284	183	1	277	163
20	37	18	18	37	22	19	29	14	28	19	9
17	46	25	15	46	27	19	29	14	18	41	24
1	123	76	7	86	55	7	86	54	5	101	65
20	37	18	27	18	11	25	25	12	21	35	20
70	11	3	37	8	4	37	7	3	42	9	4
66	13	4	34	9	5	25	25	12	36	15	6
1	123	76	0	545	306	0	520	307	0	505	286
0	181	108	5	105	70	0	520	307	0	505	286
10	60	28	15	46	20	18	36	17	20	36	16
0	181	108	7	86	55	4	131	87	9	74	45
10	60	33	5	105	70	7	86	54	5	101	65
3	101	41	4	125	41	2	199	72	4	123	42
7	70	38	7	86	55	9	74	45	5	101	65
33	26	15	26	21	10	30	16	10	34	17	10
2	113	68	4	125	85	6	93	60	11	60	34
0	181	108	4	125	85	2	199	128	5	101	65
5	82	35	1	286	111	0	520	214	1	277	115
98	5	4	27	18	8	27	22	12	61	3	3
9	65	30	5	105	36	5	112	39	8	80	31

Advanced Training		Doctorates Awarded					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
Public	Arizona State University - Tempe	277	44	30	286	42	29
Public	Auburn University - Auburn	153	91	64	186	75	53
Private	Baylor College of Medicine	51	196	76	61	176	62
Private	Boston University	304	39	14	274	49	15
Private	Brandeis University	104	122	44	111	122	43
Private	Brown University	135	98	29	149	93	29
Private	California Institute of Technology	159	84	27	127	103	32
Private	Carnegie Mellon University	169	78	24	152	91	28
Private	Case Western Reserve University	201	67	17	202	69	19
Private	Charles R. Drew University of Medicine and Science	0	547	308	0	529	290
Public	Clemson University	110	115	77	116	115	76
Public	Colorado State University	157	88	61	180	79	56
Private	Columbia University	465	19	7	461	20	7
Private	Cornell University	470	18	6	468	18	6
Private	Dartmouth College	50	199	78	38	222	85
Private	Duke University	259	49	16	230	63	17
Private	Emory University	167	80	26	160	85	27
Public	Florida International University	69	164	104	58	179	116
Public	Florida State University	252	52	36	263	51	36
Public	George Mason University	138	97	69	132	98	67
Private	George Washington University	192	71	20	236	61	16
Private	Georgetown University	71	160	58	107	126	45
Public	Georgia Institute of Technology	255	51	35	230	63	47
Private	Harvard University	520	13	3	602	8	1
Private	Howard University	96	130	46	121	110	38
Public	Indiana University - Bloomington	404	23	16	409	25	17
Public	Indiana University-Purdue University - Indianapolis	38	229	136	43	214	133
Public	Iowa State University	232	61	45	238	59	44
Private	Johns Hopkins University	384	26	8	351	32	11
Public	Kansas State University	145	94	67	132	98	67
Public	Louisiana State University - Baton Rouge	264	47	32	275	47	33
Public	Louisiana State University Health Sciences Center	29	260	151	33	238	141
Private	Loyola University Chicago	118	110	35	163	84	26
Private	Massachusetts Institute of Technology	492	16	5	475	17	5
Private	MCP Hahnemann University	24	284	124	28	263	110
Private	Medical College of Wisconsin	16	328	153	11	356	166
Public	Medical University of South Carolina	32	251	144	25	275	158
Public	Michigan State University	414	22	15	444	22	15
Public	Mississippi State University	99	128	83	128	102	71
Public	Montana State University - Bozeman	30	257	149	32	246	146
Private	Mount Sinai School of Medicine	21	297	131	27	267	113
Public	New Mexico State University - Las Cruces	79	149	96	76	153	99
Private	New York University	368	29	11	402	27	9
Public	North Carolina State University	306	38	25	316	37	24
Private	Northeastern University	77	151	55	76	153	55
Private	Northwestern University	350	33	12	321	35	13
Public	Ohio State University - Columbus	620	6	6	620	5	5
Public	Oklahoma State University - Stillwater	236	57	41	185	76	54
Public	Oregon Health & Science University	21	297	167	38	222	138
Public	Oregon State University	161	83	57	158	87	60
Public	Pennsylvania State University - Hershey Medical Ctr	10	381	192	22	289	163
Public	Pennsylvania State University - University Park	526	11	10	513	13	10
Private	Princeton University	268	45	15	279	45	14

			Postdoctoral Appointees								
1998 — Doctorates	1998 — National Rank	1998 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank	1998 — Postdocs	1998 — National Rank	1998 — Control Rank
287	48	34	60	131	90	75	112	75	88	103	69
192	79	55	36	155	108	33	158	108	34	155	104
49	203	74	430	28	14	394	25	13	406	21	11
307	42	14	129	87	29	183	70	28	98	99	33
95	129	45	97	105	35	100	99	34	79	107	36
174	83	26	81	114	37	187	67	27	155	78	28
195	77	23	495	23	12	497	18	10	471	18	9
203	74	22	130	86	28	144	79	29	150	80	29
187	80	25	365	34	18	349	28	15	318	31	17
0	526	290	0	281	89	0	283	92	0	289	95
101	123	83	35	157	110	17	193	129	18	186	128
214	69	49	144	78	52	255	48	27	237	53	30
469	20	7	352	37	20	352	27	14	379	26	13
505	16	6	610	16	9	607	11	5	554	14	7
44	212	77	107	94	32	115	90	32	73	112	37
238	63	17	646	14	8	571	13	7	609	12	6
144	97	28	373	33	17	200	66	26	201	66	26
73	156	101	31	166	114	0	283	192	13	207	143
305	43	29	102	98	65	99	101	67	115	93	62
87	141	92	5	241	167	7	230	155	16	194	133
193	78	24	35	157	48	50	137	43	37	146	46
79	147	52	59	132	42	70	118	38	80	106	35
263	56	42	98	103	70	0	283	192	0	289	195
803	2	1	3491	1	1	3291	1	1	3417	1	1
95	129	45	7	229	72	33	158	51	40	141	44
361	33	21	167	71	46	143	80	51	175	71	44
36	229	143	256	51	27	255	48	27	232	57	34
300	45	31	180	67	42	179	71	43	185	70	43
360	34	13	1029	4	4	1239	3	3	1006	4	3
162	90	63	100	101	68	88	106	69	74	111	75
258	59	43	88	110	74	72	116	79	66	118	81
26	268	155	78	116	79	74	113	76	75	110	74
133	104	31	76	117	38	58	127	42	55	127	40
520	14	4	794	10	6	498	17	9	456	20	10
38	219	82	98	103	34	108	94	33	108	94	32
17	309	138	111	93	31	94	104	37	36	150	47
17	309	172	165	72	47	185	69	42	159	77	50
451	22	15	284	46	22	258	47	26	234	56	33
104	119	81	28	173	120	24	177	117	21	172	117
52	197	125	70	121	82	74	113	76	72	115	78
0	526	290	0	281	89	0	283	92	0	289	95
95	129	85	NR			18	191	128	23	170	115
446	23	8	313	41	23	293	36	19	329	29	15
322	39	26	118	92	62	203	64	39	145	81	52
87	141	50	35	157	48	26	170	56	35	153	50
377	29	10	135	81	27	249	50	22	258	47	22
636	8	7	288	44	20	264	44	23	218	60	36
177	82	57	42	145	100	35	154	106	43	136	93
27	263	154	142	79	53	84	109	72	76	108	72
187	80	56	107	94	63	85	108	71	57	124	87
15	324	176	51	139	96	51	136	94	37	146	101
571	11	9	261	50	26	246	52	29	212	62	38
263	56	15	320	39	21	315	33	17	319	30	16

Advanced Training		Doctorates Awarded					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
Public	Purdue University - West Lafayette	464	20	13	468	18	13
Private	Rensselaer Polytechnic Institute	100	125	45	93	133	49
Private	Rice University	126	103	31	115	117	41
Private	Rockefeller University	15	337	157	19	302	133
Private	Rush University	38	229	94	44	211	81
Public	Rutgers the State University of NJ - New Brunswick	392	25	18	371	29	19
Private	Saint Louis University - St. Louis	144	95	28	123	107	35
Public	San Diego State University	27	271	156	32	246	146
Private	Stanford University	573	9	1	589	10	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	14	342	182	14	331	181
Private	Syracuse University	121	106	34	147	94	30
Public	Temple University	238	56	40	263	51	36
Public	Texas A&M University	509	15	11	490	14	11
Public	Texas Tech University	139	96	68	141	96	65
Private	Thomas Jefferson University	11	365	176	16	322	144
Private	Tufts University	88	144	50	100	130	47
Private	Tulane University	125	104	32	126	104	33
Public	University at Albany	129	102	72	155	89	62
Public	University at Buffalo	294	40	26	303	40	27
Public	University at Stony Brook	231	62	46	244	58	43
Public	University of Alabama - Birmingham	121	106	73	125	106	72
Public	University of Alabama - Huntsville	30	257	149	29	257	152
Public	University of Alaska - Fairbanks	27	271	156	20	297	166
Public	University of Arizona	359	31	20	405	26	18
Public	University of Arkansas - Fayetteville	90	139	92	86	139	90
Public	University of Arkansas for Medical Sciences	21	297	167	22	289	163
Public	University of California - Berkeley	759	1	1	756	1	1
Public	University of California - Davis	337	34	22	357	30	20
Public	University of California - Irvine	187	75	53	202	69	51
Public	University of California - Los Angeles	612	7	7	606	6	6
Public	University of California - Riverside	94	132	86	115	117	77
Public	University of California - San Diego	285	42	28	294	41	28
Public	University of California - San Francisco	93	135	88	77	152	98
Public	University of California - Santa Barbara	258	50	34	232	62	46
Public	University of California - Santa Cruz	104	122	79	90	135	86
Private	University of Chicago	371	28	10	391	28	10
Public	University of Cincinnati - Cincinnati	248	54	38	238	59	44
Public	University of Colorado - Boulder	292	41	27	266	50	35
Public	University of Colorado Health Sciences Center	40	224	134	44	211	131
Public	University of Connecticut - Health Center	0	547	240	0	529	240
Public	University of Connecticut - Storrs	234	60	44	275	47	33
Private	University of Dayton	28	266	113	31	250	102
Public	University of Delaware	162	82	56	164	83	58
Public	University of Florida	574	8	8	516	12	9
Public	University of Georgia	351	32	21	352	31	21
Public	University of Hawaii - Manoa	154	90	63	153	90	63
Public	University of Houston - University Park	209	66	50	204	68	50
Public	University of Idaho	64	180	113	79	147	95
Public	University of Illinois - Chicago	195	69	51	201	71	52
Public	University of Illinois - Urbana-Champaign	667	3	3	597	9	8
Public	University of Iowa	334	35	23	317	36	23
Public	University of Kansas - Lawrence	231	62	46	246	56	41
Public	University of Kansas Medical Center	17	323	173	12	348	186

			Postdoctoral Appointees								
1998 — Doctorates	1998 — National Rank	1998 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank	1998 — Postdocs	1998 — National Rank	1998 — Control Rank
496	17	11	243	54	30	228	58	34	231	58	35
125	109	34	72	120	39	46	141	44	56	125	38
114	117	38	123	91	30	118	89	31	127	87	30
24	275	117	231	58	25	275	40	20	225	59	24
54	189	67	44	141	44	25	172	58	36	150	47
402	26	17	153	77	51	151	78	50	171	72	45
134	103	30	56	133	43	38	147	45	45	135	43
68	165	107	1	268	184	0	283	192	4	247	169
606	10	2	1196	2	2	1242	2	2	1089	3	2
13	336	181	NR			47	140	97	37	146	101
166	87	27	28	173	54	38	147	45	35	153	50
285	49	35	65	127	86	113	91	59	122	90	59
525	13	10	241	55	31	267	43	22	293	37	20
163	89	62	80	115	78	88	106	69	82	104	70
19	297	131	383	32	16	247	51	23	274	45	21
82	144	51	435	27	13	243	56	24	257	48	23
128	107	33	70	121	40	64	122	40	56	125	38
168	85	59	NR			15	201	135	13	207	143
295	47	33	232	57	33	246	52	29	236	55	32
265	54	40	394	31	16	400	23	12	345	28	14
142	98	70	295	42	19	280	38	19	310	34	17
41	214	136	0	281	193	0	283	192	0	289	195
68	165	107	NR			7	230	155	14	204	140
411	25	16	471	24	12	451	19	9	478	17	9
121	112	77	43	143	99	67	120	82	61	119	82
13	336	181	35	157	110	42	145	101	48	132	92
756	4	3	933	7	3	933	7	4	945	7	4
337	36	23	449	26	14	204	63	38	292	38	21
197	76	54	364	35	17	324	32	16	302	35	18
607	9	8	876	9	4	851	9	5	813	9	5
123	110	76	190	66	41	179	71	43	164	75	48
310	40	27	998	6	2	968	6	3	982	5	2
91	134	87	543	20	10	1117	4	1	1165	2	1
264	55	41	176	69	44	158	76	48	166	74	47
90	136	89	163	74	49	120	88	58	207	64	40
368	31	11	355	36	19	348	29	16	281	43	20
274	53	39	220	60	35	224	59	35	218	60	36
309	41	28	744	11	5	274	41	21	287	40	22
61	176	115	233	56	32	285	37	18	314	32	15
0	526	237	135	81	55	139	83	54	137	83	54
253	61	45	93	107	72	59	126	85	18	186	128
27	263	110	1	268	85	2	258	84	2	265	85
142	98	70	135	81	55	129	87	57	123	89	58
456	21	14	288	44	20	344	30	14	312	33	16
369	30	20	205	64	39	179	71	43	201	66	41
161	91	64	52	137	94	55	132	90	120	91	60
205	72	51	65	127	86	64	122	83	59	121	84
71	160	103	25	178	123	31	162	110	31	158	107
222	66	48	283	47	23	264	44	23	239	51	28
706	6	5	265	49	25	246	52	29	255	49	26
327	38	25	352	37	18	279	39	20	274	45	25
278	51	37	101	99	66	130	86	56	130	86	57
11	348	186	54	135	92	50	137	95	58	123	86

Advanced Training		Doctorates Awarded					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
Public	University of Kentucky	219	65	49	249	55	40
Public	University of Maine - Orono	41	222	133	49	203	126
Public	University of Maryland - Baltimore	72	158	102	73	158	102
Public	University of Maryland - Baltimore County	50	199	122	46	206	128
Public	University of Maryland - College Park	430	21	14	461	20	14
Public	University of Massachusetts - Amherst	261	48	33	276	46	32
Public	University of Massachusetts Medical Sch - Worcester	22	294	166	20	297	166
Public	University of Medicine & Dentistry of New Jersey	69	164	104	69	165	107
Private	University of Miami	109	116	39	176	80	24
Public	University of Michigan - Ann Arbor	567	10	9	629	4	4
Public	University of Minnesota - Twin Cities	632	5	5	604	7	7
Public	University of Missouri - Columbia	278	43	29	256	53	38
Public	University of Nebraska - Lincoln	235	58	42	251	54	39
Public	University of Nevada - Reno	60	184	115	84	141	92
Public	University of New Hampshire - Durham	43	214	127	49	203	126
Public	University of New Mexico - Albuquerque	174	77	54	184	77	55
Public	University of North Carolina - Chapel Hill	398	24	17	425	24	16
Private	University of Notre Dame	132	100	30	147	94	30
Public	University of Oklahoma - Norman	158	86	59	167	82	57
Public	University of Oklahoma Health Sciences Center	18	318	172	17	312	176
Public	University of Oregon	156	89	62	138	97	66
Private	University of Pennsylvania	373	27	9	427	23	8
Public	University of Pittsburgh - Pittsburgh	360	30	19	316	37	24
Public	University of Rhode Island	95	131	85	84	141	92
Private	University of Rochester	196	68	18	211	67	18
Public	University of South Carolina - Columbia	235	58	42	246	56	41
Public	University of South Florida	158	86	59	131	101	70
Private	University of Southern California	522	12	2	481	16	4
Public	University of Tennessee - Knoxville	239	55	39	286	42	29
Public	University of Tennessee Health Science Center	35	237	139	29	257	152
Public	University of Texas - Austin	733	2	2	659	3	3
Public	University of Texas Health Science Center - Houston	75	156	100	87	138	89
Public	University of Texas Health Science Ctr - San Antonio	36	235	138	24	282	161
Public	University of Texas MD Anderson Cancer Center	NA			NA		
Public	University of Texas Medical Branch - Galveston	29	260	151	35	235	140
Public	University of Texas SW Medical Center - Dallas	42	215	128	55	189	119
Public	University of Utah	192	71	52	215	66	49
Public	University of Vermont	60	184	115	58	179	116
Public	University of Virginia	316	36	24	343	33	22
Public	University of Washington - Seattle	486	17	12	486	15	12
Public	University of Wisconsin - Madison	661	4	4	729	2	2
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	66	174	108	71	162	105
Private	Vanderbilt University	192	71	20	190	74	22
Public	Virginia Commonwealth University	104	122	79	112	121	79
Public	Virginia Polytechnic Institute and State University	268	45	31	309	39	26
Private	Wake Forest University	25	282	122	28	263	110
Public	Washington State University - Pullman	149	92	65	118	114	75
Private	Washington University	175	76	23	199	72	20
Public	Wayne State University	230	64	48	222	65	48
Public	West Virginia University	130	101	71	132	98	67
Private	Woods Hole Oceanographic Institution	NR			NR		
Private	Yale University	313	37	13	334	34	12
Private	Yeshiva University	115	112	37	126	104	33

Postdoctoral Appointees

1998 — Doctorates	1998 — National Rank	1998 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank	1998 — Postdocs	1998 — National Rank	1998 — Control Rank
232	64	47	224	59	34	186	68	41	212	62	38
49	203	130	26	177	122	24	177	117	29	162	109
71	160	103	165	72	47	140	82	53	137	83	54
54	189	123	38	151	105	45	142	98	43	136	93
474	19	13	255	52	28	220	60	36	237	53	30
299	46	32	131	85	58	143	80	51	135	85	56
24	275	159	247	53	29	214	61	37	199	68	42
77	148	96	127	89	60	112	92	60	92	101	68
136	102	29	154	76	26	138	84	30	186	69	27
690	7	6	683	12	6	736	10	6	653	10	6
729	5	4	626	15	7	518	16	8	532	15	8
277	52	38	179	68	43	152	77	49	138	82	53
282	50	36	133	84	57	110	93	61	106	95	63
72	158	102	0	281	193	0	283	192	0	289	195
74	155	100	24	183	125	14	204	138	13	207	143
199	75	53	84	113	77	92	105	68	76	108	72
382	27	18	578	18	8	568	14	7	559	13	7
118	113	36	90	108	36	96	102	35	89	102	34
165	88	61	70	121	82	68	119	81	73	112	76
17	309	172	54	135	92	57	128	86	81	105	71
160	93	66	65	127	86	106	97	64	106	95	63
436	24	9	928	8	5	917	8	4	904	8	4
380	28	19	560	19	9	432	21	11	393	25	13
71	160	103	61	130	89	39	146	102	20	177	121
220	67	19	291	43	24	268	42	21	287	40	19
243	62	46	169	70	45	82	111	74	71	116	79
155	94	67	56	133	91	62	125	84	54	128	88
515	15	5	515	22	11	558	15	8	479	16	8
254	60	44	101	99	66	107	96	63	97	100	67
20	292	165	99	102	69	56	130	88	43	136	93
836	1	1	213	62	37	246	52	29	246	50	27
66	168	110	201	65	40	170	74	46	164	75	48
25	271	157	89	109	73	102	98	65	120	91	60
NA			208	63	38	392	26	13	399	23	12
30	249	150	215	61	36	263	46	25	285	42	23
65	170	112	543	20	10	229	57	33	400	22	11
205	72	51	277	48	24	295	35	17	296	36	19
59	179	118	97	105	71	74	113	76	73	112	76
302	44	30	402	29	15	339	31	15	281	43	24
479	18	12	1011	5	1	1057	5	2	953	6	3
757	3	2	471	24	12	440	20	10	465	19	10
NR			0	281	193	0	283	192	0	289	195
90	136	89	29	171	118	25	172	115	18	186	128
217	68	20	397	30	15	406	22	11	398	24	12
117	115	78	139	80	54	203	64	39	238	52	29
349	35	22	126	90	61	108	94	62	101	98	66
32	242	95	104	97	33	96	102	35	124	88	31
170	84	58	157	75	50	163	75	47	151	79	51
212	70	21	667	13	7	582	12	6	633	11	5
208	71	50	128	88	59	135	85	55	169	73	46
154	95	68	45	140	97	7	230	155	12	212	147
NR			21	187	59	27	167	54	16	194	62
365	32	12	597	17	10	206	62	25	203	65	25
100	124	41	1122	3	3	400	23	12	369	27	14

Undergraduate Quality		SAT Scores					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2000 Median SAT	2000 National Rank	2000 Control Rank	1999 Median SAT	1999 National Rank	1999 Control Rank
Public	Arizona State University - Tempe	1090	450	111	1105	405	95
Public	Auburn University - Auburn	1105	410	95	1085	485	120
Private	Baylor College of Medicine	NA			NA		
Private	Boston University	1270	81	73	1270	77	70
Private	Brandeis University	1320	49	48	1320	48	48
Private	Brown University	1390	18	18	1390	16	16
Private	California Institute of Technology	1515	1	1	1515	1	1
Private	Carnegie Mellon University	1370	26	26	1365	24	24
Private	Case Western Reserve University	1345	38	38	1330	44	44
Private	Charles R. Drew University of Medicine and Science	NR			NR		
Public	Clemson University	1180	195	37	1135	302	65
Public	Colorado State University	1110	386	90	1130	317	69
Private	Columbia University	1410	12	12	1370	22	22
Private	Cornell University	1365	28	28	1365	24	24
Private	Dartmouth College	1425	10	10	1440	8	8
Private	Duke University	1400	16	16	1400	13	13
Private	Emory University	1380	22	22	1340	36	36
Public	Florida International University	1100	420	99	1110	377	86
Public	Florida State University	1160	236	50	1150	254	53
Public	George Mason University	1075	506	131	1055	589	152
Private	George Washington University	1235	118	100	1235	117	99
Private	Georgetown University	1365	28	28	1350	31	31
Public	Georgia Institute of Technology	1335	40	1	1320	48	1
Private	Harvard University	1485	3	3	1495	2	2
Private	Howard University	1090	450	340	1105	405	311
Public	Indiana University - Bloomington	1095	434	106	1095	444	105
Public	Indiana University-Purdue University - Indianapolis	950	1069	369	945	1087	371
Public	Iowa State University	1210	147	23	1210	140	21
Private	Johns Hopkins University	1390	18	18	1385	18	18
Public	Kansas State University	1050	604	165	1070	520	135
Public	Louisiana State University - Baton Rouge	1090	450	111	1090	460	111
Public	Louisiana State University Health Sciences Center	NA			NA		
Private	Loyola University Chicago	1155	258	205	1157	239	189
Private	Massachusetts Institute of Technology	1485	3	3	1475	4	4
Private	MCP Hahnemann University	NA			NA		
Private	Medical College of Wisconsin	NA			NA		
Public	Medical University of South Carolina	NA			NA		
Public	Michigan State University	1115	370	83	1110	377	86
Public	Mississippi State University	1140	286	61	1070	520	135
Public	Montana State University - Bozeman	1115	370	83	1105	405	95
Private	Mount Sinai School of Medicine	NA			NA		
Public	New Mexico State University - Las Cruces	950	1069	369	970	981	323
Private	New York University	1335	40	40	1325	47	47
Public	North Carolina State University	1185	186	34	1175	198	42
Private	Northeastern University	1125	334	262	1125	332	258
Private	Northwestern University	1380	22	22	1370	22	22
Public	Ohio State University - Columbus	1160	236	50	1140	283	60
Public	Oklahoma State University - Stillwater	1110	386	90	1130	317	69
Public	Oregon Health & Science University	NA			NA		
Public	Oregon State University	1080	490	124	1085	485	120
Public	Pennsylvania State University - Hershey Medical Ctr	NA			NA		
Public	Pennsylvania State University - University Park	1185	186	34	1205	146	23
Private	Princeton University	1490	2	2	1450	7	7

National Merit and Achievement Scholars											
1998 Median SAT	1998 National Rank	1998 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank	2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
1105	389	91	116	20	8	119	18	8	132	17	6
1140	280	56	26	83	40	38	65	30	20	100	49
NA			NA			NA			NA		
1260	85	73	53	45	27	60	39	24	61	34	19
1315	48	47	31	70	36	32	74	40	26	84	44
1395	15	15	82	31	18	76	29	17	61	34	19
1495	1	1	55	40	23	71	31	18	52	42	26
1370	22	22	26	83	44	19	105	56	29	77	40
1355	26	26	49	50	29	68	33	20	70	31	18
NR			NR			NR			NR		
1135	303	61	33	68	33	29	81	40	35	66	31
1115	361	81	9	157	69	14	129	58	14	132	62
1370	22	22	67	35	20	54	44	27	48	50	28
1355	26	26	69	34	19	53	47	28	48	50	28
1435	8	8	45	54	30	71	31	18	58	37	22
1395	15	15	119	19	12	107	23	12	96	27	14
1345	32	32	55	40	23	61	37	23	57	39	24
1100	409	94	1	286	110	0	412	163	0	409	154
1140	280	56	98	26	12	54	44	18	117	21	9
1040	663	177	0	403	155	1	294	116	1	287	110
1220	124	104	25	91	49	16	118	62	20	100	52
1355	26	26	26	83	44	39	64	35	28	82	42
1310	52	2	124	18	7	115	21	11	117	21	9
1485	2	2	415	1	1	444	1	1	457	1	1
1080	490	371	28	77	41	46	54	32	41	59	34
1130	317	67	17	110	51	10	157	68	26	84	41
965	1012	329	0	403	155	0	412	163	0	409	154
1210	137	22	125	17	6	125	16	7	125	19	7
1385	19	19	90	28	16	65	34	21	80	30	17
1090	444	103	13	131	59	14	129	58	22	94	46
1090	444	103	41	57	26	34	71	33	39	62	28
NA			NA			NA			NA		
1150	252	199	8	165	91	0	412	250	2	256	156
1480	3	3	185	7	4	173	7	4	155	9	5
NA			NA			NA			NA		
NA			NA			NA			NA		
NA			NA			NA			NA		
1110	372	84	66	38	17	61	37	15	52	42	17
1110	372	84	31	70	35	35	68	31	36	64	30
1090	444	103	3	234	95	4	222	88	3	238	96
NA			NA			NA			NA		
990	889	276	0	403	155	0	412	163	2	256	101
1315	48	47	167	12	8	149	13	9	142	13	8
1155	238	50	37	64	30	21	99	48	16	119	55
1095	425	325	2	248	149	2	261	156	4	216	128
1370	22	22	139	16	11	92	25	14	136	16	11
1130	317	67	115	22	10	116	19	9	121	20	8
1155	238	50	19	106	50	18	112	54	23	90	43
NA			NA			NA			NA		
1085	476	115	11	145	62	6	186	76	9	157	69
NA			NA			NA			NA		
1205	144	25	25	91	43	26	86	42	29	77	38
1465	4	4	174	9	5	122	17	10	138	14	9

Undergraduate Quality		SAT Scores					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Median SAT	2000 National Rank	2000 Control Rank	1999 Median SAT	1999 National Rank	1999 Control Rank
Public	Purdue University - West Lafayette	1130	325	69	1100	421	99
Private	Rensselaer Polytechnic Institute	1275	79	71	1275	73	67
Private	Rice University	1410	12	12	1415	11	11
Private	Rockefeller University	NA			NA		
Private	Rush University	NA			NA		
Public	Rutgers the State University of NJ - New Brunswick	1180	195	37	1205	146	23
Private	Saint Louis University - St. Louis	1160	236	187	1160	224	178
Public	San Diego State University	1045	648	183	1030	690	196
Private	Stanford University	1460	7	7	1455	6	6
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA			NA		
Private	Syracuse University	1205	154	127	1200	153	127
Public	Temple University	1030	694	202	1040	656	180
Public	Texas A&M University	1180	195	37	1180	185	39
Public	Texas Tech University	1075	506	131	1075	503	129
Private	Thomas Jefferson University	NA			NA		
Private	Tufts University	1325	47	46	1340	36	36
Private	Tulane University	1235	118	100	1290	68	63
Public	University at Albany	1130	325	69	1110	377	86
Public	University at Buffalo	1115	370	83	1110	377	86
Public	University at Stony Brook	1130	325	69	1120	351	78
Public	University of Alabama - Birmingham	1030	694	202	1010	796	241
Public	University of Alabama - Huntsville	1140	286	61	1150	254	53
Public	University of Alaska - Fairbanks	1020	753	231	1040	656	180
Public	University of Arizona	1095	434	106	1100	421	99
Public	University of Arkansas - Fayetteville	1155	258	54	1160	224	47
Public	University of Arkansas for Medical Sciences	NA			NA		
Public	University of California - Berkeley	1320	49	2	1315	52	3
Public	University of California - Davis	1175	210	43	1170	204	43
Public	University of California - Irvine	1145	277	58	1145	267	57
Public	University of California - Los Angeles	1285	72	7	1285	70	6
Public	University of California - Riverside	1060	561	148	1055	589	152
Public	University of California - San Diego	1180	195	37	1180	185	39
Public	University of California - San Francisco	NA			NA		
Public	University of California - Santa Barbara	1185	186	34	1185	182	37
Public	University of California - Santa Cruz	1145	277	58	1160	224	47
Private	University of Chicago	1385	21	21	1390	16	16
Public	University of Cincinnati - Cincinnati	1060	561	148	1050	612	162
Public	University of Colorado - Boulder	1155	258	54	1160	224	47
Public	University of Colorado Health Sciences Center	NA			NA		
Public	University of Connecticut - Health Center	NA			NA		
Public	University of Connecticut - Storrs	1140	286	61	1130	317	69
Private	University of Dayton	1140	286	226	1150	254	202
Public	University of Delaware	1150	267	56	1140	283	60
Public	University of Florida	1210	147	23	1265	84	10
Public	University of Georgia	1210	147	23	1195	164	30
Public	University of Hawaii - Manoa	1080	490	124	1090	460	111
Public	University of Houston - University Park	1035	683	195	1025	742	222
Public	University of Idaho	1105	410	95	1105	405	95
Public	University of Illinois - Chicago	1070	521	137	1070	520	135
Public	University of Illinois - Urbana-Champaign	1245	108	15	1250	98	13
Public	University of Iowa	1175	210	43	1190	172	34
Public	University of Kansas - Lawrence	1140	286	61	1110	377	86
Public	University of Kansas Medical Center	NA			NA		

			National Merit and Achievement Scholars								
1998 Median SAT	1998 National Rank	1998 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank	2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
1100	409	94	76	32	14	54	44	18	54	40	16
1265	81	70	16	117	64	17	114	59	15	124	67
1420	10	10	170	11	7	168	9	6	189	7	4
NA			NA			NA			NA		
NA			NA			NA			NA		
1205	144	25	26	83	40	21	99	48	21	97	48
1160	222	178	20	102	55	14	129	72	19	106	56
985	928	290	0	403	155	1	294	116	0	409	154
1445	7	7	315	2	2	244	4	2	273	2	2
NA			NA			NA			NA		
1185	179	144	2	248	149	3	237	143	0	409	256
1015	766	221	2	248	100	2	261	106	0	409	154
1170	206	42	178	8	4	146	14	5	182	8	4
1065	556	138	22	99	46	19	105	50	13	137	64
NA			NA			NA			NA		
1335	36	35	40	60	33	36	67	37	46	52	30
1235	116	100	55	40	23	43	59	33	53	41	25
1125	327	72	1	286	110	0	412	163	0	409	154
1120	344	76	1	286	110	2	261	106	1	287	110
1110	372	84	4	208	87	1	294	116	0	409	154
1010	782	228	10	151	67	3	237	95	9	157	69
1140	280	56	1	286	110	0	412	163	0	409	154
			6	183	78	3	237	95	4	216	89
1100	409	94	67	35	16	42	60	27	49	48	21
1160	222	45	23	97	45	33	73	34	29	77	38
NA			NA			NA			NA		
1340	33	1	233	4	2	249	3	2	235	4	2
1160	222	45	20	102	48	23	95	47	23	90	43
1125	327	72	17	110	51	2	261	106	15	124	58
1275	74	8	86	30	13	87	26	12	102	25	12
1070	526	129	0	403	155	1	294	116	2	256	101
1180	183	38	52	47	20	53	47	20	51	46	19
NA			NA			NA			NA		
1165	213	43	11	145	62	13	137	61	5	196	82
1135	303	61	4	208	87	8	166	72	3	238	96
1355	26	26	174	9	5	160	11	8	143	11	6
1050	607	153	9	157	69	6	186	76	9	157	69
1155	238	50	6	183	78	11	147	65	4	216	89
NA			NA			NA			NA		
NA			NA			NA			NA		
1120	344	76	2	248	100	0	412	163	5	196	82
1145	267	214	17	110	60	15	122	66	12	144	78
1135	303	61	16	117	54	14	129	58	13	137	64
1245	100	14	197	6	3	194	6	3	208	5	3
1190	171	34	53	45	19	51	51	22	52	42	17
1100	409	94	0	403	155	1	294	116	0	409	154
1030	684	186	15	124	58	24	91	44	17	112	53
1105	389	91	8	165	75	13	137	61	5	196	82
1050	607	153	4	208	87	6	186	76	3	238	96
1230	120	19	28	77	37	42	60	27	32	68	32
1175	197	40	36	66	32	32	74	35	30	73	37
1110	372	84	106	25	11	116	19	9	101	26	13
NA			NA			NA			NA		

Undergraduate Quality		SAT Scores					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Median SAT	2000 National Rank	2000 Control Rank	1999 Median SAT	1999 National Rank	1999 Control Rank
Public	University of Kentucky	1125	334	73	1125	332	75
Public	University of Maine - Orono	1075	506	131	1075	503	129
Public	University of Maryland - Baltimore	NA			NA		
Public	University of Maryland - Baltimore County	1180	195	37	1165	216	45
Public	University of Maryland - College Park	1250	101	12	1240	110	16
Public	University of Massachusetts - Amherst	1125	334	73	1135	302	65
Public	University of Massachusetts Medical Sch - Worcester	NA			NA		
Public	University of Medicine & Dentistry of New Jersey	NA			NA		
Private	University of Miami	1175	210	168	1160	224	178
Public	University of Michigan - Ann Arbor	1280	74	8	1270	77	8
Public	University of Minnesota - Twin Cities	1203	161	28	1185	182	37
Public	University of Missouri - Columbia	1200	162	29	1200	153	27
Public	University of Nebraska - Lincoln	1145	277	58	1150	254	53
Public	University of Nevada - Reno	1050	604	165	1040	656	180
Public	University of New Hampshire - Durham	1120	355	79	1115	367	81
Public	University of New Mexico - Albuquerque	1080	490	124	1070	520	135
Public	University of North Carolina - Chapel Hill	1235	118	19	1245	104	15
Private	University of Notre Dame	1350	34	34	1345	35	35
Public	University of Oklahoma - Norman	1140	286	61	1110	377	86
Public	University of Oklahoma Health Sciences Center	NA			NA		
Public	University of Oregon	1115	370	83	1115	367	81
Private	University of Pennsylvania	1425	10	10	1400	13	13
Public	University of Pittsburgh - Pittsburgh	1165	231	49	1145	267	57
Public	University of Rhode Island	1085	476	121	1090	460	111
Private	University of Rochester	1320	49	48	1320	48	48
Public	University of South Carolina - Columbia	1110	386	90	1100	421	99
Public	University of South Florida	1080	490	124	1084	496	126
Private	University of Southern California	1305	62	59	1265	84	75
Public	University of Tennessee - Knoxville	1115	370	83	1100	421	99
Public	University of Tennessee Health Science Center	NA			NA		
Public	University of Texas - Austin	1195	170	32	1195	164	30
Public	University of Texas Health Science Center - Houston	NA			NA		
Public	University of Texas Health Science Ctr - San Antonio	NA			NA		
Public	University of Texas MD Anderson Cancer Center	NA			NA		
Public	University of Texas Medical Branch - Galveston	NA			NA		
Public	University of Texas SW Medical Center - Dallas	NA			NA		
Public	University of Utah	1070	521	137	1130	317	69
Public	University of Vermont	1135	306	68	1130	317	69
Public	University of Virginia	1305	62	4	1310	58	4
Public	University of Washington - Seattle	1160	236	50	1160	224	47
Public	University of Wisconsin - Madison	1245	108	15	1195	164	30
Public	US Naval Postgraduate School	NA			NA		
Public	Utah State University	1060	561	148	1055	589	152
Private	Vanderbilt University	1310	58	55	1310	58	55
Public	Virginia Commonwealth University	1030	694	202	1020	756	226
Public	Virginia Polytechnic Institute and State University	1175	210	43	1165	216	45
Private	Wake Forest University	1300	65	61	1300	64	59
Public	Washington State University - Pullman	1060	561	148	1055	589	152
Private	Washington University	1370	26	26	1355	29	29
Public	Wayne State University	970	982	328	970	981	323
Public	West Virginia University	1030	694	202	1020	756	226
Private	Woods Hole Oceanographic Institution	NA			NA		
Private	Yale University	1465	6	6	1465	5	5
Private	Yeshiva University	1260	92	82	1190	172	139

			National Merit and Achievement Scholars								
1998 Median SAT	1998 National Rank	1998 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank	2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
1125	327	72	49	50	22	60	39	16	65	33	15
1085	476	115	0	403	155	0	412	163	0	409	154
NA			NA			NA			NA		
1160	222	45	9	157	69	1	294	116	4	216	89
1205	144	25	47	53	24	46	54	23	49	48	21
1120	344	76	0	403	155	0	412	163	1	287	110
NA			NA			NA			NA		
NA			NA			NA			NA		
1155	238	189	27	81	43	20	102	53	23	90	48
1270	75	9	72	33	15	55	43	17	51	46	19
1165	213	43	54	44	18	40	63	29	43	55	24
1200	155	29	20	102	48	30	79	38	23	90	43
1145	267	54	39	61	28	26	86	42	29	77	38
1045	644	170	0	403	155	1	294	116	1	287	110
1130	317	67	1	286	110	0	412	163	2	256	101
1075	505	125	1	286	110	1	294	116	2	256	101
1235	116	17	160	14	5	151	12	4	105	24	11
1320	44	43	44	55	31	47	52	30	35	66	36
1110	372	84	116	20	8	145	15	6	148	10	5
NA			NA			NA			NA		
1100	409	94	10	151	67	13	137	61	17	112	53
1390	17	17	98	26	15	86	27	15	83	29	16
1135	303	61	13	131	59	9	161	70	11	151	68
1070	526	129	1	286	110	0	412	163	1	287	110
1305	56	52	35	67	35	21	99	52	22	94	49
1085	476	115	42	56	25	44	56	24	40	60	26
1112	371	83	16	117	54	19	105	50	16	119	55
1240	108	93	155	15	10	170	8	5	137	15	10
1100	409	94	37	64	30	35	68	31	31	71	35
NA			NA			NA			NA		
1200	155	29	236	3	1	250	2	1	249	3	1
NA			NA			NA			NA		
NA			NA			NA			NA		
NA			NA			NA			NA		
NA			NA			NA			NA		
1130	317	67	33	68	33	29	81	40	32	68	32
1135	303	61	0	403	155	0	412	163	0	409	154
1310	52	2	49	50	22	53	47	20	40	60	26
1155	238	50	41	57	26	44	56	24	43	55	24
1195	162	32	26	83	40	44	56	24	32	68	32
NA			NA			NA			NA		
1090	444	103	9	157	69	19	105	50	22	94	46
1325	43	42	115	22	13	107	23	12	106	23	13
1005	834	251	2	248	100	1	294	116	0	409	154
1160	222	45	30	74	36	24	91	44	20	100	49
1305	56	52	20	102	55	25	90	47	24	87	46
1050	607	153	1	286	110	2	261	106	4	216	89
1335	36	35	165	13	9	164	10	7	143	11	6
930	1107	378	0	403	155	1	294	116	0	409	154
1030	684	186	11	145	62	11	147	65	9	157	69
NA			NA			NA			NA		
1450	6	6	200	5	3	220	5	3	201	6	3
1260	85	73	4	208	122	2	261	156	0	409	256

Change: Research		Total Research in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2000 Total Research x \$1000	1991 Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University - Tempe	101,403	78,295	23,108	29.5%	5	4
Public	Auburn University - Auburn	86,861	86,217	644	0.7%	-16	-15
Private	Baylor College of Medicine	313,423	198,649	114,774	57.8%	6	2
Private	Boston University	144,464	92,343	52,121	56.4%	12	5
Private	Brandeis University	44,698	41,728	2,971	7.1%	-15	0
Private	Brown University	76,416	61,047	15,369	25.2%	-4	-2
Private	California Institute of Technology	208,838	142,467	66,372	46.6%	2	1
Private	Carnegie Mellon University	129,411	127,057	2,355	1.9%	-24	-6
Private	Case Western Reserve University	181,068	128,498	52,570	40.9%	1	1
Private	Charles R. Drew University of Medicine and Science	29,117	8,685	20,432	235.2%	64	21
Public	Clemson University	107,768	86,615	21,152	24.4%	-4	-4
Public	Colorado State University	142,822	99,241	43,582	43.9%	6	3
Private	Columbia University	299,840	240,062	59,778	24.9%	-1	-3
Private	Cornell University	384,908	381,719	3,189	0.8%	-6	-1
Private	Dartmouth College	73,976	60,900	13,076	21.5%	-5	-2
Private	Duke University	334,479	202,531	131,948	65.1%	7	3
Private	Emory University	193,273	113,380	79,893	70.5%	19	7
Public	Florida International University	32,497	NR				
Public	Florida State University	98,569	66,360	32,209	48.5%	14	13
Public	George Mason University	25,129	11,994	13,135	109.5%	32	27
Private	George Washington University	64,996	36,738	28,258	76.9%	19	6
Private	Georgetown University	124,939	74,552	50,387	67.6%	15	3
Public	Georgia Institute of Technology	285,601	217,942	67,659	31.0%	-1	1
Private	Harvard University	320,584	283,561	37,023	13.1%	-5	-3
Private	Howard University	25,562	19,399	6,162	31.8%	-2	0
Public	Indiana University - Bloomington	85,438	50,541	34,897	69.0%	18	12
Public	Indiana University-Purdue University - Indianapolis	128,157	75,813	52,343	69.0%	18	14
Public	Iowa State University	164,656	166,059	(1,403)	-0.8%	-18	-13
Private	Johns Hopkins University	845,194	875,689	(30,495)	-3.5%	0	0
Public	Kansas State University	86,090	65,372	20,718	31.7%	4	3
Public	Louisiana State University - Baton Rouge	162,586	127,436	35,149	27.6%	-7	-7
Public	Louisiana State University Health Sciences Center	51,839	36,410	15,428	42.4%	7	2
Private	Loyola University Chicago	28,169	27,996	173	0.6%	-15	-3
Private	Massachusetts Institute of Technology	399,826	398,983	842	0.2%	-7	-2
Private	MCP Hahnemann University	39,082	46,632	(7,550)	-16.2%	-24	-3
Private	Medical College of Wisconsin	66,198	49,878	16,320	32.7%	2	0
Public	Medical University of South Carolina	61,191	31,912	29,280	91.8%	28	21
Public	Michigan State University	213,592	164,323	49,269	30.0%	-1	-1
Public	Mississippi State University	124,275	79,338	44,937	56.6%	10	8
Public	Montana State University - Bozeman	61,267	37,339	23,929	64.1%	14	10
Private	Mount Sinai School of Medicine	140,541	81,773	58,767	71.9%	21	7
Public	New Mexico State University - Las Cruces	74,746	97,097	(22,351)	-23.0%	-40	-30
Private	New York University	170,890	138,249	32,641	23.6%	-6	-1
Public	North Carolina State University	260,686	175,862	84,824	48.2%	3	2
Private	Northeastern University	33,145	19,698	13,447	68.3%	16	5
Private	Northwestern University	230,511	178,578	51,933	29.1%	-4	0
Public	Ohio State University - Columbus	338,956	240,374	98,582	41.0%	3	3
Public	Oklahoma State University - Stillwater	82,803	83,231	(429)	-0.5%	-20	-17
Public	Oregon Health & Science University	123,321	51,376	71,944	140.0%	37	29
Public	Oregon State University	132,010	118,633	13,378	11.3%	-16	-13
Public	Pennsylvania State University - Hershey Medical Ctr	52,133	39,633	12,501	31.5%	0	-2
Public	Pennsylvania State University - University Park	348,889	290,638	58,251	20.0%	0	1
Private	Princeton University	126,499	113,457	13,042	11.5%	-17	-5

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2000 Federal Research x \$1000	1991 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2000 Non-Federal Research x \$1000	1991 Non-Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
46,834	32,367	14,467	44.7%	4	4	54,569	45,928	8,641	18.8%	-8	-7
29,558	18,842	10,716	56.9%	17	14	57,303	67,375	(10,072)	-14.9%	-30	-23
181,248	97,117	84,131	86.6%	11	4	132,174	101,532	30,643	30.2%	-2	0
125,425	74,197	51,229	69.0%	15	6	19,038	18,147	892	4.9%	-13	-2
24,802	26,242	(1,441)	-5.5%	-22	-4	19,897	15,485	4,411	28.5%	0	2
46,842	43,866	2,975	6.8%	-17	-3	29,575	17,181	12,394	72.1%	19	6
165,236	124,331	40,905	32.9%	-1	0	43,602	18,135	25,467	140.4%	49	15
85,528	80,516	5,012	6.2%	-16	-4	43,883	46,541	(2,658)	-5.7%	-24	-4
141,235	94,204	47,030	49.9%	6	2	39,834	34,294	5,539	16.2%	-4	-1
20,605	6,550	14,055	214.6%	60	16	8,512	2,136	6,376	298.5%	61	26
29,360	20,464	8,896	43.5%	9	7	78,408	66,151	12,256	18.5%	-8	-6
95,130	68,676	26,455	38.5%	4	2	47,692	30,565	17,127	56.0%	17	11
265,579	201,703	63,875	31.7%	4	0	34,261	38,359	(4,097)	-10.7%	-27	-9
215,597	213,933	1,664	0.8%	-7	-5	169,311	167,785	1,525	0.9%	-9	0
52,868	42,320	10,549	24.9%	-8	1	21,107	18,581	2,527	13.6%	-6	1
191,500	141,669	49,832	35.2%	0	-1	142,978	60,862	82,116	134.9%	27	7
135,915	74,715	61,200	81.9%	19	7	57,358	38,666	18,692	48.3%	11	3
19,036	NR					13,462	NR				
53,301	35,140	18,161	51.7%	8	4	45,268	31,220	14,048	45.0%	11	6
19,385	6,907	12,478	180.7%	48	35	5,744	5,087	657	12.9%	-10	-8
46,545	29,245	17,300	59.2%	9	1	18,451	7,493	10,958	146.2%	34	12
92,698	51,297	41,401	80.7%	19	4	32,240	23,254	8,986	38.6%	6	-1
118,329	125,140	(6,811)	-5.4%	-16	-8	167,272	92,802	74,470	80.2%	10	7
264,205	192,396	71,809	37.3%	4	0	56,378	91,164	(34,786)	-38.2%	-44	-11
23,721	13,262	10,460	78.9%	15	2	1,840	6,138	(4,297)	-70.0%	-93	-29
40,359	30,500	9,859	32.3%	0	1	45,079	20,042	25,037	124.9%	41	29
60,538	45,750	14,787	32.3%	-3	-1	67,619	30,063	37,556	124.9%	48	36
56,251	52,772	3,479	6.6%	-15	-10	108,404	113,287	(4,882)	-4.3%	-16	-12
744,004	790,776	(46,772)	-5.9%	0	0	101,190	84,913	16,277	19.2%	-2	0
29,248	19,393	9,855	50.8%	13	10	56,841	45,979	10,863	23.6%	-5	-6
41,740	33,775	7,965	23.6%	-4	-2	120,846	93,662	27,184	29.0%	-1	-2
26,713	23,924	2,789	11.7%	-8	-9	25,125	12,486	12,639	101.2%	26	18
19,410	18,132	1,278	7.0%	-14	-6	8,759	9,864	(1,105)	-11.2%	-20	-4
287,624	293,091	(5,467)	-1.9%	-4	-1	112,202	105,892	6,309	6.0%	-11	-2
25,679	27,688	(2,009)	-7.3%	-20	-1	13,404	18,944	(5,541)	-29.2%	-32	-9
51,616	30,906	20,710	67.0%	14	3	14,582	18,972	(4,390)	-23.1%	-27	-7
38,859	17,717	21,142	119.3%	36	29	22,332	14,194	8,138	57.3%	15	8
91,081	76,022	15,059	19.8%	-7	-5	122,510	88,301	34,210	38.7%	6	3
50,467	31,756	18,710	58.9%	11	9	73,808	47,582	26,226	55.1%	10	8
28,666	12,466	16,200	129.9%	38	28	32,601	24,872	7,729	31.1%	4	7
92,091	51,838	40,253	77.7%	17	2	48,450	29,936	18,514	61.8%	21	7
53,529	70,936	(17,407)	-24.5%	-33	-27	21,217	26,161	(4,944)	-18.9%	-30	-23
109,887	100,994	8,893	8.8%	-15	-6	61,003	37,255	23,748	63.7%	21	7
72,526	57,830	14,696	25.4%	-5	-5	188,160	118,032	70,128	59.4%	8	7
25,245	14,218	11,027	77.6%	17	4	7,901	5,480	2,421	44.2%	2	6
140,908	77,344	63,564	82.2%	17	7	89,603	101,235	(11,631)	-11.5%	-17	-4
124,008	109,190	14,818	13.6%	-9	-4	214,948	131,184	83,764	63.9%	9	8
23,232	19,430	3,801	19.6%	-9	-4	59,571	63,801	(4,230)	-6.6%	-19	-14
102,386	35,636	66,750	187.3%	47	33	20,935	15,741	5,194	33.0%	3	-1
75,405	63,015	12,390	19.7%	-7	-7	56,605	55,617	988	1.8%	-20	-16
27,565	21,636	5,928	27.4%	1	0	24,568	17,996	6,572	36.5%	6	2
184,470	158,672	25,798	16.3%	-3	-1	164,419	131,966	32,454	24.6%	-4	-4
70,043	64,540	5,504	8.5%	-12	-1	56,456	48,917	7,539	15.4%	-13	-2

Change: Research		Total Research in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Total Research x \$1000	1991 Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Public	Purdue University - West Lafayette	219,971	168,116	51,855	30.8%	-2	-2
Private	Rensselaer Polytechnic Institute	38,231	61,791	(23,560)	-38.1%	-46	-11
Private	Rice University	39,242	37,708	1,534	4.1%	-12	2
Private	Rockefeller University	116,429	91,368	25,061	27.4%	-4	-1
Private	Rush University	63,954	33,739	30,215	89.6%	28	7
Public	Rutgers the State University of NJ - New Brunswick	188,039	166,097	21,941	13.2%	-9	-7
Private	Saint Louis University - St. Louis	29,077	23,656	5,420	22.9%	-6	1
Public	San Diego State University	51,586	35,233	16,354	46.4%	9	4
Private	Stanford University	426,538	388,385	38,153	9.8%	-2	1
Public	State Univ. of New York Health Science Ctr - Brooklyn	29,662	40,479	(10,817)	-26.7%	-35	-29
Private	Syracuse University	37,017	37,743	(726)	-1.9%	-17	-2
Public	Temple University	49,208	67,729	(18,521)	-27.3%	-37	-29
Public	Texas A&M University	372,598	355,168	17,430	4.9%	-6	-5
Public	Texas Tech University	63,987	43,155	20,833	48.3%	8	7
Private	Thomas Jefferson University	84,060	40,777	43,283	106.1%	27	9
Private	Tufts University	99,214	58,883	40,331	68.5%	22	5
Private	Tulane University	84,209	88,520	(4,311)	-4.9%	-23	-2
Public	University at Albany	77,651	25,379	52,271	206.0%	50	35
Public	University at Buffalo	176,036	139,895	36,141	25.8%	-7	-5
Public	University at Stony Brook	153,166	111,962	41,203	36.8%	2	0
Public	University of Alabama - Birmingham	218,963	139,743	79,221	56.7%	7	5
Public	University of Alabama - Huntsville	38,711	35,636	3,075	8.6%	-8	-10
Public	University of Alaska - Fairbanks	96,135	83,157	12,978	15.6%	-8	-7
Public	University of Arizona	323,660	263,567	60,093	22.8%	-3	-1
Public	University of Arkansas - Fayetteville	66,419	50,353	16,066	31.9%	2	2
Public	University of Arkansas for Medical Sciences	46,027	17,573	28,453	161.9%	42	28
Public	University of California - Berkeley	486,314	318,212	168,102	52.8%	5	2
Public	University of California - Davis	342,136	247,459	94,677	38.3%	3	3
Public	University of California - Irvine	148,598	101,767	46,831	46.0%	4	1
Public	University of California - Los Angeles	497,862	308,341	189,521	61.5%	9	6
Public	University of California - Riverside	78,390	70,593	7,796	11.0%	-12	-10
Public	University of California - San Diego	486,356	322,386	163,971	50.9%	5	2
Public	University of California - San Francisco	415,502	331,361	84,141	25.4%	1	-1
Public	University of California - Santa Barbara	110,817	73,490	37,327	50.8%	12	10
Public	University of California - Santa Cruz	52,721	38,994	13,727	35.2%	4	2
Private	University of Chicago	160,079	139,708	20,371	14.6%	-14	-4
Public	University of Cincinnati - Cincinnati	161,399	99,393	62,005	62.4%	14	8
Public	University of Colorado - Boulder	195,058	118,777	76,281	64.2%	14	8
Public	University of Colorado Health Sciences Center	133,608	79,184	54,424	68.7%	21	15
Public	University of Connecticut - Health Center	66,476	67,171	(696)	-1.0%	-16	-11
Public	University of Connecticut - Storrs	84,605	85,492	(886)	-1.0%	-18	-17
Private	University of Dayton	36,902	46,769	(9,867)	-21.1%	-29	-7
Public	University of Delaware	70,071	55,119	14,952	27.1%	-2	-1
Public	University of Florida	294,212	172,965	121,247	70.1%	9	6
Public	University of Georgia	242,425	201,002	41,423	20.6%	-5	-3
Public	University of Hawaii - Manoa	151,283	96,394	54,889	56.9%	13	9
Public	University of Houston - University Park	45,865	52,154	(6,289)	-12.1%	-26	-23
Public	University of Idaho	57,537	48,597	8,941	18.4%	-7	-5
Public	University of Illinois - Chicago	183,677	111,629	72,048	64.5%	17	11
Public	University of Illinois - Urbana-Champaign	349,859	300,136	49,723	16.6%	-1	0
Public	University of Iowa	222,230	152,988	69,241	45.3%	6	5
Public	University of Kansas - Lawrence	80,495	46,381	34,115	73.6%	19	13
Public	University of Kansas Medical Center	58,942	34,988	23,954	68.5%	17	12

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2000 Federal Research x \$1000	1991 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2000 Non-Federal Research x \$1000	1991 Non-Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
86,296	83,623	2,673	3.2%	-17	-12	133,675	84,493	49,182	58.2%	13	8
23,968	28,822	(4,854)	-16.8%	-32	-9	14,263	32,968	(18,706)	-56.7%	-70	-17
32,962	28,164	4,798	17.0%	-5	2	6,280	9,544	(3,264)	-34.2%	-40	-13
42,403	45,331	(2,928)	-6.5%	-24	-7	74,026	46,037	27,989	60.8%	13	4
30,550	8,645	21,905	253.4%	65	17	33,404	25,094	8,310	33.1%	4	-3
66,537	53,585	12,952	24.2%	-4	-3	121,501	112,512	8,989	8.0%	-8	-6
24,810	20,173	4,638	23.0%	-5	-2	4,267	3,484	783	22.5%	-12	0
21,386	20,649	737	3.6%	-19	-13	30,200	14,584	15,617	107.1%	30	21
344,328	299,938	44,391	14.8%	-1	0	82,210	88,448	(6,238)	-7.1%	-17	-4
21,440	22,135	(694)	-3.1%	-21	-15	8,222	18,344	(10,122)	-55.2%	-62	-46
27,790	17,502	10,288	58.8%	17	4	9,227	20,242	(11,015)	-54.4%	-62	-18
35,840	35,606	234	0.7%	-17	-15	13,368	32,122	(18,755)	-58.4%	-74	-55
140,346	120,517	19,829	16.5%	-4	-1	232,251	234,651	(2,400)	-1.0%	-3	-3
20,147	11,497	8,650	75.2%	15	14	43,840	31,657	12,183	38.5%	7	3
63,259	28,487	34,773	122.1%	37	11	20,801	12,290	8,511	69.2%	17	7
60,661	48,234	12,426	25.8%	-5	-2	38,553	10,649	27,905	262.0%	74	20
48,846	45,274	3,571	7.9%	-15	-3	35,364	43,246	(7,882)	-18.2%	-32	-10
58,205	15,050	43,155	286.7%	66	51	19,445	10,329	9,116	88.3%	22	14
90,423	85,023	5,400	6.4%	-18	-12	85,613	54,872	30,741	56.0%	6	4
90,640	72,730	17,909	24.6%	-4	-4	62,526	39,232	23,294	59.4%	20	15
164,422	94,114	70,308	74.7%	9	5	54,541	45,628	8,912	19.5%	-7	-6
24,328	26,836	(2,507)	-9.3%	-26	-21	14,383	8,800	5,583	63.4%	17	9
43,711	42,342	1,369	3.2%	-20	-16	52,424	40,815	11,609	28.4%	-4	-4
175,538	125,562	49,976	39.8%	0	0	148,122	138,005	10,117	7.3%	-6	-6
19,488	15,256	4,232	27.7%	-5	-2	46,932	35,097	11,835	33.7%	4	2
28,101	9,628	18,474	191.9%	49	38	17,925	7,946	9,980	125.6%	31	20
195,400	172,970	22,430	13.0%	-3	-1	290,914	145,243	145,671	100.3%	10	9
132,938	98,608	34,330	34.8%	-1	1	209,198	148,851	60,347	40.5%	3	2
82,792	64,930	17,862	27.5%	-6	-5	65,806	36,837	28,969	78.6%	31	23
257,137	207,036	50,101	24.2%	-1	1	240,725	101,305	139,420	137.6%	17	14
19,776	19,769	6	0.0%	-20	-14	58,614	50,824	7,790	15.3%	-7	-6
305,790	247,196	58,594	23.7%	1	0	180,566	75,189	105,377	140.1%	23	16
233,423	235,462	(2,040)	-0.9%	-6	-2	182,079	95,899	86,181	89.9%	13	9
75,739	57,525	18,214	31.7%	-1	-1	35,077	15,965	19,112	119.7%	40	30
24,347	19,491	4,856	24.9%	-6	-3	28,374	19,503	8,871	45.5%	5	5
132,124	115,530	16,594	14.4%	-6	-4	27,955	24,178	3,777	15.6%	-13	-5
103,615	58,509	45,105	77.1%	16	11	57,784	40,884	16,900	41.3%	6	3
167,675	88,101	79,574	90.3%	12	7	27,383	30,676	(3,293)	-10.7%	-31	-23
112,163	58,734	53,430	91.0%	18	12	21,444	20,450	994	4.9%	-13	-10
35,361	32,444	2,916	9.0%	-14	-12	31,115	34,727	(3,612)	-10.4%	-29	-19
26,676	24,475	2,200	9.0%	-11	-12	57,929	61,016	(3,087)	-5.1%	-20	-15
29,747	38,392	(8,645)	-22.5%	-31	-5	7,154	8,377	(1,223)	-14.6%	-24	-4
35,374	24,729	10,644	43.0%	5	0	34,698	30,390	4,308	14.2%	-4	-1
112,899	82,349	30,549	37.1%	3	2	181,313	90,616	90,697	100.1%	18	13
58,786	55,517	3,268	5.9%	-18	-13	183,639	145,484	38,155	26.2%	2	1
89,493	55,318	34,176	61.8%	8	7	61,790	41,077	20,713	50.4%	13	8
20,038	24,837	(4,798)	-19.3%	-34	-27	25,827	27,318	(1,491)	-5.5%	-22	-15
21,585	18,682	2,903	15.5%	-8	-3	35,953	29,915	6,038	20.2%	4	4
95,612	53,278	42,334	79.5%	20	16	88,065	58,351	29,714	50.9%	7	5
181,474	146,440	35,034	23.9%	-4	-2	168,385	153,696	14,689	9.6%	-8	-8
132,023	99,898	32,125	32.2%	-4	-1	90,207	53,090	37,117	69.9%	16	11
37,623	18,571	19,052	102.6%	32	26	42,872	27,810	15,062	54.2%	14	10
27,045	14,009	13,036	93.1%	25	18	31,897	20,979	10,918	52.0%	10	11

Change: Research		Total Research in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2000 Total Research x \$1000	1991 Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Public	University of Kentucky	189,823	100,058	89,765	89.7%	25	17
Public	University of Maine - Orono	51,417	33,398	18,019	54.0%	15	8
Public	University of Maryland - Baltimore	210,414	123,521	86,893	70.3%	12	6
Public	University of Maryland - Baltimore County	24,427	8,397	16,030	190.9%	54	37
Public	University of Maryland - College Park	236,753	254,572	(17,819)	-7.0%	-15	-8
Public	University of Massachusetts - Amherst	91,025	70,292	20,733	29.5%	1	0
Public	University of Massachusetts Medical Sch - Worcester	91,527	73,992	17,535	23.7%	-1	-2
Public	University of Medicine & Dentistry of New Jersey	132,198	99,627	32,571	32.7%	-2	-2
Private	University of Miami	136,741	119,595	17,147	14.3%	-16	-3
Public	University of Michigan - Ann Arbor	517,304	448,369	68,935	15.4%	-1	-1
Public	University of Minnesota - Twin Cities	385,833	392,419	(6,586)	-1.7%	-7	-5
Public	University of Missouri - Columbia	148,996	119,310	29,686	24.9%	-9	-9
Public	University of Nebraska - Lincoln	127,576	107,941	19,635	18.2%	-11	-8
Public	University of Nevada - Reno	52,755	36,136	16,619	46.0%	12	7
Public	University of New Hampshire - Durham	67,630	36,492	31,138	85.3%	24	16
Public	University of New Mexico - Albuquerque	125,660	83,049	42,611	51.3%	9	7
Public	University of North Carolina - Chapel Hill	252,363	175,954	76,408	43.4%	0	-1
Private	University of Notre Dame	32,380	26,270	6,110	23.3%	-4	1
Public	University of Oklahoma - Norman	89,164	53,126	36,038	67.8%	17	11
Public	University of Oklahoma Health Sciences Center	52,367	45,255	7,112	15.7%	-4	-4
Public	University of Oregon	33,702	32,249	1,453	4.5%	-6	-7
Private	University of Pennsylvania	403,662	244,446	159,216	65.1%	11	3
Public	University of Pittsburgh - Pittsburgh	276,501	160,713	115,788	72.0%	11	9
Public	University of Rhode Island	45,146	47,900	(2,754)	-5.7%	-20	-18
Private	University of Rochester	185,080	162,507	22,573	13.9%	-7	-2
Public	University of South Carolina - Columbia	97,915	67,938	29,977	44.1%	8	7
Public	University of South Florida	136,368	89,959	46,408	51.6%	10	6
Private	University of Southern California	281,787	216,544	65,244	30.1%	-1	-2
Public	University of Tennessee - Knoxville	105,509	110,856	(5,347)	-4.8%	-22	-16
Public	University of Tennessee Health Science Center	46,699	47,509	(810)	-1.7%	-16	-14
Public	University of Texas - Austin	255,869	292,321	(36,452)	-12.5%	-16	-8
Public	University of Texas Health Science Center - Houston	112,161	66,465	45,696	68.8%	19	17
Public	University of Texas Health Science Ctr - San Antonio	97,377	63,840	33,536	52.5%	13	12
Public	University of Texas MD Anderson Cancer Center	170,882	134,404	36,478	27.1%	-6	-5
Public	University of Texas Medical Branch - Galveston	91,817	55,600	36,217	65.1%	17	12
Public	University of Texas SW Medical Center - Dallas	177,466	116,551	60,915	52.3%	9	6
Public	University of Utah	176,007	116,687	59,321	50.8%	6	3
Public	University of Vermont	59,454	57,394	2,060	3.6%	-16	-12
Public	University of Virginia	163,684	119,291	44,393	37.2%	-1	-3
Public	University of Washington - Seattle	496,470	338,418	158,051	46.7%	4	1
Public	University of Wisconsin - Madison	519,935	402,626	117,309	29.1%	1	1
Public	US Naval Postgraduate School	35,173	23,920	11,253	47.0%	9	5
Public	Utah State University	96,755	116,127	(19,372)	-16.7%	-34	-25
Private	Vanderbilt University	161,249	99,592	61,657	61.9%	12	5
Public	Virginia Commonwealth University	82,742	80,908	1,834	2.3%	-17	-15
Public	Virginia Polytechnic Institute and State University	180,707	154,466	26,241	17.0%	-8	-5
Private	Wake Forest University	81,447	54,525	26,923	49.4%	7	3
Public	Washington State University - Pullman	98,288	92,791	5,497	5.9%	-14	-10
Private	Washington University	339,722	197,884	141,838	71.7%	12	6
Public	Wayne State University	147,076	86,320	60,756	70.4%	18	10
Public	West Virginia University	62,023	61,273	751	1.2%	-16	-9
Private	Woods Hole Oceanographic Institution	76,483	94,931	(18,448)	-19.4%	-36	-8
Private	Yale University	278,281	239,109	39,172	16.4%	-4	-4
Private	Yeshiva University	130,948	106,944	24,003	22.4%	-7	-1

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2000 Federal Research x \$1000	1991 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2000 Non-Federal Research x \$1000	1991 Non-Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
69,271	39,014	30,258	77.6%	17	10	120,552	61,045	59,507	97.5%	16	11
22,896	12,408	10,488	84.5%	19	17	28,521	20,989	7,532	35.9%	-2	0
85,548	53,869	31,679	58.8%	7	6	124,866	69,652	55,214	79.3%	13	9
18,987	5,824	13,162	226.0%	55	40	5,440	2,572	2,867	111.5%	27	15
128,122	96,024	32,097	33.4%	-2	0	108,631	158,548	(49,916)	-31.5%	-25	-21
41,921	35,146	6,775	19.3%	-7	-5	49,104	35,146	13,958	39.7%	6	3
60,224	36,996	23,228	62.8%	11	7	31,302	36,996	(5,694)	-15.4%	-32	-22
70,641	47,809	22,832	47.8%	6	3	61,557	51,818	9,739	18.8%	-3	-4
100,011	86,135	13,876	16.1%	-10	-3	36,730	33,459	3,271	9.8%	-7	-3
341,427	254,380	87,047	34.2%	1	0	175,878	193,990	(18,112)	-9.3%	-10	-10
215,678	203,339	12,339	6.1%	-4	0	170,156	189,080	(18,925)	-10.0%	-10	-10
61,357	33,867	27,490	81.2%	22	17	87,638	85,442	2,196	2.6%	-11	-9
35,482	33,912	1,570	4.6%	-15	-13	92,094	74,029	18,065	24.4%	-1	-1
24,636	13,390	11,246	84.0%	18	15	28,119	22,746	5,373	23.6%	-8	-6
36,504	22,834	13,670	59.9%	15	10	31,126	13,658	17,468	127.9%	36	27
94,205	37,170	57,035	153.4%	39	27	31,455	45,879	(14,423)	-31.4%	-48	-34
182,697	127,618	55,080	43.2%	2	1	69,665	48,337	21,329	44.1%	8	6
25,663	16,755	8,907	53.2%	10	3	6,717	9,514	(2,797)	-29.4%	-33	-7
34,638	16,218	18,420	113.6%	30	21	54,527	36,908	17,618	47.7%	9	6
22,145	15,581	6,563	42.1%	2	4	30,222	29,673	549	1.8%	-13	-8
28,881	23,814	5,066	21.3%	-1	-3	4,822	8,435	(3,613)	-42.8%	-54	-38
293,032	178,137	114,895	64.5%	9	5	110,630	66,309	44,321	66.8%	8	3
213,987	123,236	90,750	73.6%	11	7	62,515	37,477	25,038	66.8%	23	16
36,145	29,572	6,573	22.2%	-4	-3	9,001	18,328	(9,327)	-50.9%	-55	-41
141,241	131,797	9,444	7.2%	-7	-2	43,839	30,710	13,129	42.8%	8	4
48,651	28,467	20,184	70.9%	17	12	49,264	39,471	9,793	24.8%	-4	-4
47,417	29,076	18,341	63.1%	13	10	88,950	60,883	28,067	46.1%	6	6
197,777	163,066	34,711	21.3%	-1	-1	84,011	53,478	30,533	57.1%	7	3
41,706	47,040	(5,335)	-11.3%	-29	-21	63,803	63,816	(12)	0.0%	-13	-10
25,797	31,360	(5,563)	-17.7%	-29	-23	20,902	16,149	4,753	29.4%	-1	-5
167,780	139,588	28,192	20.2%	-5	-3	88,089	152,733	(64,644)	-42.3%	-32	-25
74,718	40,422	34,296	84.8%	17	9	37,443	26,043	11,400	43.8%	14	13
61,199	40,412	20,787	51.4%	7	3	36,178	23,428	12,749	54.4%	17	15
76,788	39,850	36,938	92.7%	22	14	94,094	94,554	(460)	-0.5%	-11	-8
57,547	25,865	31,682	122.5%	32	21	34,270	29,735	4,535	15.3%	-1	1
102,386	71,212	31,173	43.8%	7	3	75,080	45,339	29,741	65.6%	19	14
116,622	84,806	31,816	37.5%	0	1	59,385	31,881	27,504	86.3%	30	21
37,386	38,057	(671)	-1.8%	-19	-17	22,069	19,338	2,731	14.1%	-5	-4
111,838	75,299	36,539	48.5%	6	3	51,846	43,992	7,854	17.9%	-9	-8
365,426	272,690	92,736	34.0%	2	0	131,043	65,728	65,315	99.4%	18	13
261,326	226,480	34,846	15.4%	-2	1	258,609	176,147	82,462	46.8%	2	2
34,211	23,756	10,454	44.0%	7	2	962	164	798	486.7%	52	20
53,815	76,165	(22,350)	-29.3%	-39	-31	42,940	39,962	2,978	7.5%	-17	-13
121,914	87,583	34,331	39.2%	-1	-2	39,336	12,009	27,327	227.6%	69	20
48,899	55,462	(6,563)	-11.8%	-27	-20	33,842	25,446	8,396	33.0%	4	7
66,710	59,028	7,682	13.0%	-12	-11	113,997	95,437	18,560	19.4%	-5	-6
61,512	41,170	20,342	49.4%	7	4	19,935	13,354	6,581	49.3%	8	5
45,433	39,779	5,653	14.2%	-13	-11	52,855	53,012	(156)	-0.3%	-21	-17
238,365	138,704	99,661	71.9%	10	4	101,357	59,180	42,177	71.3%	14	4
60,326	37,715	22,611	60.0%	10	6	86,750	48,605	38,145	78.5%	15	10
26,273	24,149	2,125	8.8%	-11	-12	35,750	37,124	(1,374)	-3.7%	-18	-13
62,873	82,814	(19,941)	-24.1%	-31	-8	13,610	12,116	1,494	12.3%	-1	1
217,611	184,371	33,240	18.0%	0	-1	60,670	54,738	5,932	10.8%	-9	-2
95,320	83,649	11,671	14.0%	-9	-3	35,628	23,295	12,333	52.9%	15	2

Change: Private Support and Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 — Endowment Assets x \$1000	1994 — Endowment Assets x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank
Public	Arizona State University - Tempe	190,580	60,316	130,264	216.0%	81	17
Public	Auburn University - Auburn	238,351	137,909	100,443	72.8%	-22	-19
Private	Baylor College of Medicine	905,812	329,970	575,842	174.5%	21	21
Private	Boston University	611,680	373,186	238,494	63.9%	-9	-3
Private	Brandeis University	365,441	214,003	151,438	70.8%	-15	-5
Private	Brown University	1,322,253	668,839	653,414	97.7%	2	2
Private	California Institute of Technology	1,257,080	660,597	596,484	90.3%	0	1
Private	Carnegie Mellon University	696,678	456,129	240,550	52.7%	-18	-10
Private	Case Western Reserve University	1,319,854	612,754	707,099	115.4%	4	4
Private	Charles R. Drew University of Medicine and Science	2,025	NR				
Public	Clemson University	197,332	89,193	108,139	121.2%	9	-7
Public	Colorado State University	94,921	34,538	60,383	174.8%	48	0
Private	Columbia University	3,951,087	2,109,771	1,841,316	87.3%	-1	-2
Private	Cornell University	2,900,534	1,373,753	1,526,781	111.1%	-2	-1
Private	Dartmouth College	2,222,058	866,729	1,355,329	156.4%	1	1
Private	Duke University	2,882,118	768,833	2,113,284	274.9%	6	5
Private	Emory University	3,972,445	1,860,113	2,112,331	113.6%	3	2
Public	Florida International University	30,210	NR				
Public	Florida State University	302,801	55,161	247,639	448.9%	152	47
Public	George Mason University	NR	NR				
Private	George Washington University	656,300	399,157	257,143	64.4%	-11	-6
Private	Georgetown University	630,909	374,586	256,323	68.4%	-8	-3
Public	Georgia Institute of Technology	1,006,570	299,926	706,643	235.6%	32	4
Private	Harvard University	16,521,956	6,820,722	9,701,234	142.2%	0	0
Private	Howard University	298,227	145,330	152,897	105.2%	0	8
Public	Indiana University - Bloomington	441,717	206,544	235,173	113.9%	13	-1
Public	Indiana University-Purdue University - Indianapolis	382,255	185,887	196,368	105.6%	2	-3
Public	Iowa State University	339,013	116,834	222,179	190.2%	45	9
Private	Johns Hopkins University	1,677,625	814,876	862,749	105.9%	-2	-1
Public	Kansas State University	170,066	103,921	66,145	63.6%	-23	-20
Public	Louisiana State University - Baton Rouge	169,354	65,994	103,360	156.6%	45	6
Public	Louisiana State University Health Sciences Center	38,950	20,875	18,075	86.6%	-31	-14
Private	Loyola University Chicago	260,381	415,841	(155,460)	-37.4%	-93	-56
Private	Massachusetts Institute of Technology	5,646,389	1,955,377	3,691,012	188.8%	2	1
Private	MCP Hahnemann University	88,716	NR				
Private	Medical College of Wisconsin	54,433	34,795	19,638	56.4%	-56	-25
Public	Medical University of South Carolina	69,840	21,998	47,842	217.5%	61	6
Public	Michigan State University	412,864	113,069	299,795	265.1%	70	21
Public	Mississippi State University	133,073	69,527	63,546	91.4%	-11	-11
Public	Montana State University - Bozeman	39,787	NR				
Private	Mount Sinai School of Medicine	NR	NR				
Public	New Mexico State University - Las Cruces	89,682	23,758	65,924	277.5%	97	15
Private	New York University	1,029,283	761,638	267,645	35.1%	-14	-8
Public	North Carolina State University	285,891	130,659	155,232	118.8%	12	-6
Private	Northeastern University	454,609	234,700	219,910	93.7%	5	9
Private	Northwestern University	2,997,082	1,402,826	1,594,256	113.6%	-1	0
Public	Ohio State University - Columbus	1,023,322	534,547	488,775	91.4%	-5	-2
Public	Oklahoma State University - Stillwater	154,323	54,551	99,773	182.9%	67	15
Public	Oregon Health & Science University	212,032	106,083	105,948	99.9%	-4	-13
Public	Oregon State University	245,515	88,420	157,095	177.7%	37	6
Public	Pennsylvania State University - Hershey Medical Ctr	86,298	31,980	54,318	169.9%	47	0
Public	Pennsylvania State University - University Park	690,383	255,833	434,549	169.9%	19	0
Private	Princeton University	7,693,624	3,791,155	3,902,468	102.9%	0	0

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2001 Annual Giving x \$1000	1992 Annual Giving x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank	2001 Doctorates Awarded	1992 Doctorates Awarded	Net Change In Doctorates	Percent Change In Doctorates	Net Change In National Rank	Net Change In Control Rank
72,998	31,719	41,278	130.1%	11	3	277	222	55	24.8%	12	10
55,795	28,056	27,738	98.9%	9	2	153	132	21	15.9%	4	4
87,806	36,228	51,578	142.4%	13	9	51	32	19	59.4%	21	12
78,772	38,428	40,344	105.0%	1	3	304	280	24	8.6%	4	0
56,503	25,673	30,830	120.1%	22	11	104	103	1	1.0%	-8	-9
73,133	45,508	27,625	60.7%	-9	-4	135	134	1	0.7%	-5	-3
76,412	93,817	(17,405)	-18.6%	-35	-12	159	130	29	22.3%	13	2
65,709	45,421	20,289	44.7%	-13	-4	169	146	23	15.8%	8	-1
166,522	67,901	98,620	145.2%	10	6	201	166	35	21.1%	13	4
NR	NR					0	0	0	0.0%	-72	-42
46,442	27,069	19,373	71.6%	-2	-2	110	93	17	18.3%	8	7
24,165	13,110	11,055	84.3%	0	-12	157	194	-37	-19.1%	-18	-8
330,132	129,199	200,933	155.5%	6	4	465	630	-165	-26.2%	-11	-6
284,839	206,534	78,305	37.9%	-3	-3	470	510	-40	-7.8%	-5	-2
105,766	80,562	25,204	31.3%	-10	-3	50	35	15	42.9%	10	3
243,377	147,725	95,652	64.7%	-4	-4	259	180	79	43.9%	26	2
274,075	45,164	228,911	506.8%	43	18	167	130	37	28.5%	17	3
26,883	2,289	24,594	1074.6%	478	109	69	22	47	213.6%	88	42
62,477	25,978	36,499	140.5%	29	15	252	286	-34	-11.9%	-12	-9
20,525	NR					138	40	98	245.0%	101	55
30,057	21,151	8,906	42.1%	-27	-3	192	158	34	21.5%	11	2
86,703	42,582	44,120	103.6%	4	3	71	68	3	4.4%	-15	-6
110,546	44,219	66,327	150.0%	15	8	255	188	67	35.6%	21	20
628,792	239,590	389,203	162.4%	0	0	520	501	19	3.8%	2	2
NR	NR					96	72	24	33.3%	11	5
96,915	63,922	32,993	51.6%	-8	-6	404	398	6	1.5%	0	0
177,217	57,529	119,688	208.0%	21	11	38	24	14	58.3%	15	7
47,878	39,998	7,880	19.7%	-32	-19	232	277	-45	-16.2%	-16	-14
320,053	117,948	202,104	171.3%	10	6	384	297	87	29.3%	11	5
41,001	24,635	16,366	66.4%	-6	-7	145	168	-23	-13.7%	-16	-9
46,480	NR					264	213	51	23.9%	14	12
6,337	NR					29	21	8	38.1%	-1	-3
23,149	59,197	(36,048)	-60.9%	-134	-56	118	94	24	25.5%	12	4
183,161	110,591	72,571	65.6%	-4	1	492	514	-22	-4.3%	-4	-2
NR	3,887					24	29	-5	-17.2%	-54	-29
14,726	NR					16	8	8	100.0%	16	16
17,255	5,850	11,405	195.0%	106	12	32	12	20	166.7%	60	25
185,927	58,636	127,291	217.1%	21	10	414	476	-62	-13.0%	-4	-3
37,900	11,329	26,572	234.6%	74	22	99	102	-3	-2.9%	-13	-3
14,634	NR					30	41	-11	-26.8%	-62	-26
NR	NR					21	NR				
10,707	4,392	6,315	143.8%	96	-2	79	67	12	17.9%	-3	-2
158,247	124,780	33,467	26.8%	-16	-6	368	404	-36	-8.9%	-8	-4
83,151	36,721	46,430	126.4%	7	1	306	279	27	9.7%	6	5
24,926	11,904	13,022	109.4%	23	26	77	66	11	16.7%	-3	-2
152,526	119,238	33,288	27.9%	-13	-5	350	351	-1	-0.3%	-3	-3
193,791	83,013	110,778	133.4%	9	4	620	671	-51	-7.6%	-1	-1
37,972	17,205	20,767	120.7%	18	5	236	183	53	29.0%	17	16
60,838	25,877	34,962	135.1%	27	14	21	19	2	10.5%	-30	-16
27,239	30,194	(2,955)	-9.8%	-73	-51	161	189	-28	-14.8%	-12	-3
27,686	7,325	20,360	278.0%	116	22	10	13	-3	-23.1%	-82	-26
114,003	58,573	55,429	94.6%	6	3	526	541	-15	-2.8%	0	-1
170,165	100,955	69,211	68.6%	-5	1	268	255	13	5.1%	4	0

Change: Private Support and Doctorates

Endowment Assets in Constant 1998 Dollars

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Endowment Assets x \$1000	1994 — Endowment Assets x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank
Public	Purdue University - West Lafayette	1,120,235	550,235	570,001	103.6%	0	-1
Private	Rensselaer Polytechnic Institute	569,647	307,517	262,130	85.2%	-3	5
Private	Rice University	2,984,888	1,406,249	1,578,639	112.3%	-3	-2
Private	Rockefeller University	1,252,848	627,701	625,148	99.6%	0	1
Private	Rush University	302,777	236,000	66,777	28.3%	-40	-17
Public	Rutgers the State University of NJ - New Brunswick	343,284	193,180	150,105	77.7%	-7	-8
Private	Saint Louis University - St. Louis	753,913	313,669	440,244	140.4%	13	16
Public	San Diego State University	54,455	26,581	27,874	104.9%	-13	-15
Private	Stanford University	7,592,887	3,025,576	4,567,310	151.0%	0	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	33,819	17,546	16,274	92.8%	-37	-16
Private	Syracuse University	676,939	262,338	414,601	158.0%	16	17
Public	Temple University	129,119	93,449	35,671	38.2%	-62	-32
Public	Texas A&M University	3,465,161	2,213,699	1,251,462	56.5%	-4	0
Public	Texas Tech University	291,291	106,620	184,671	173.2%	33	4
Private	Thomas Jefferson University	368,160	235,736	132,424	56.2%	-18	-6
Private	Tufts University	505,298	239,006	266,292	111.4%	7	10
Private	Tulane University	588,017	313,472	274,545	87.6%	0	6
Public	University at Albany	10,164	2,988	7,176	240.1%	-78	-15
Public	University at Buffalo	394,009	205,949	188,061	91.3%	-2	-4
Public	University at Stony Brook	37,230	11,876	25,355	213.5%	16	8
Public	University of Alabama - Birmingham	227,926	104,646	123,280	117.8%	6	-7
Public	University of Alabama - Huntsville	17,009	8,485	8,524	100.5%	-75	-22
Public	University of Alaska - Fairbanks	30,743	21,856	8,887	40.7%	-96	-42
Public	University of Arizona	285,484	78,742	206,742	262.6%	73	20
Public	University of Arkansas - Fayetteville	215,243	83,169	132,074	158.8%	35	4
Public	University of Arkansas for Medical Sciences	54,673	NR				
Public	University of California - Berkeley	1,797,949	723,920	1,074,029	148.4%	4	2
Public	University of California - Davis	395,419	127,751	267,667	209.5%	51	14
Public	University of California - Irvine	116,284	42,584	73,701	173.1%	47	5
Public	University of California - Los Angeles	1,279,715	447,127	832,588	186.2%	15	3
Public	University of California - Riverside	64,615	21,292	43,323	203.5%	51	4
Public	University of California - San Diego	252,321	85,167	167,154	196.3%	51	11
Public	University of California - San Francisco	803,727	255,501	548,226	214.6%	27	2
Public	University of California - Santa Barbara	80,215	21,292	58,923	276.7%	96	20
Public	University of California - Santa Cruz	70,274	21,292	48,983	230.1%	68	11
Private	University of Chicago	3,236,345	1,346,256	1,890,090	140.4%	4	4
Public	University of Cincinnati - Cincinnati	836,890	422,079	414,811	98.3%	-1	-4
Public	University of Colorado - Boulder	188,312	82,277	106,035	128.9%	23	-1
Public	University of Colorado Health Sciences Center	108,641	41,138	67,503	164.1%	46	4
Public	University of Connecticut - Health Center	50,189	13,439	36,751	273.5%	64	23
Public	University of Connecticut - Storrs	101,900	31,358	70,542	225.0%	79	12
Private	University of Dayton	252,603	101,425	151,178	149.1%	27	25
Public	University of Delaware	854,498	492,126	362,371	73.6%	-10	-5
Public	University of Florida	584,586	311,993	272,592	87.4%	-1	-7
Public	University of Georgia	365,183	157,218	207,965	132.3%	14	2
Public	University of Hawaii - Manoa	145,986	75,777	70,209	92.7%	-9	-11
Public	University of Houston - University Park	312,271	197,202	115,068	58.4%	-23	-16
Public	University of Idaho	110,780	55,541	55,240	99.5%	0	-9
Public	University of Illinois - Chicago	99,229	44,082	55,147	125.1%	17	-3
Public	University of Illinois - Urbana-Champaign	554,029	217,018	337,011	155.3%	14	-1
Public	University of Iowa	584,921	183,570	401,351	218.6%	38	10
Public	University of Kansas - Lawrence	612,445	292,891	319,554	109.1%	8	-2
Public	University of Kansas Medical Center	153,111	73,223	79,889	109.1%	8	-4

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2001 Annual Giving x \$1000	1992 Annual Giving x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank	2001 Doctorates Awarded	1992 Doctorates Awarded	Net Change In Doctorates	Percent Change In Doctorates	Net Change In National Rank	Net Change In Control Rank
120,328	83,809	36,520	43.6%	-10	-7	464	478	-14	-2.9%	-4	-2
56,822	29,059	27,763	95.5%	9	8	100	128	-28	-21.9%	-26	-14
62,124	26,972	35,152	130.3%	24	12	126	92	34	37.0%	23	11
59,932	33,237	26,695	80.3%	-2	3	15	20	-5	-25.0%	-72	-42
NR	19,582					38	37	1	2.7%	-25	-16
97,588	30,821	66,767	216.6%	32	15	392	402	-10	-2.5%	-3	-3
29,959	NR					144	140	4	2.9%	-7	-3
38,746	17,146	21,600	126.0%	23	7	27	18	9	50.0%	3	-1
431,637	215,276	216,361	100.5%	0	0	573	569	4	0.7%	1	1
919	NR					14	5	9	180.0%	39	5
34,543	30,443	4,100	13.5%	-51	-12	121	175	-54	-30.9%	-29	-14
35,578	18,650	16,928	90.8%	1	-7	238	282	-44	-15.6%	-14	-11
105,411	69,584	35,827	51.5%	-9	-6	509	472	37	7.8%	4	2
106,602	15,489	91,113	588.2%	106	56	139	140	-1	-0.7%	-8	-4
23,746	17,245	6,502	37.7%	-37	-12	11	13	-2	-15.4%	-66	-42
51,209	36,388	14,822	40.7%	-22	-7	88	81	7	8.6%	-11	-3
49,581	31,687	17,894	56.5%	-15	-3	125	84	41	48.8%	27	14
16,407	5,988	10,419	174.0%	82	3	129	139	-10	-7.2%	-11	-6
27,817	12,335	15,482	125.5%	27	1	294	290	4	1.4%	-1	0
16,733	16,347	386	2.4%	-95	-41	231	225	6	2.7%	-7	-7
50,031	29,482	20,549	69.7%	-4	-6	121	88	33	37.5%	23	12
5,038	952	4,087	429.5%	323	76	30	21	9	42.9%	2	-1
17,139	NR					27	13	14	107.7%	28	10
95,558	52,879	42,678	80.7%	2	1	359	352	7	2.0%	-2	1
56,903	19,167	37,735	196.9%	48	24	90	109	-19	-17.4%	-32	-18
16,173	NR					21	3	18	600.0%	113	29
186,479	121,958	64,522	52.9%	-6	-5	759	798	-39	-4.9%	0	0
67,452	27,533	39,919	145.0%	28	14	337	284	53	18.7%	7	6
44,630	24,114	20,516	85.1%	4	0	187	162	25	15.4%	6	7
242,665	104,995	137,670	131.1%	4	2	612	613	-1	-0.2%	2	1
19,102	12,638	6,464	51.1%	-34	-22	94	96	-2	-2.1%	-13	-5
86,179	34,689	51,490	148.4%	15	6	285	227	58	25.6%	12	10
249,948	81,632	168,317	206.2%	16	10	93	81	12	14.8%	-2	-1
27,606	14,920	12,687	85.0%	0	-11	258	208	50	24.0%	15	14
12,531	6,791	5,741	84.5%	9	-22	104	61	43	70.5%	32	21
150,591	85,455	65,136	76.2%	-5	-1	371	322	49	15.2%	8	2
79,382	35,205	44,177	125.5%	10	1	248	220	28	12.7%	4	4
44,838	27,918	16,920	60.6%	-10	-9	292	249	43	17.3%	9	8
42,651	13,959	28,692	205.5%	55	22	40	31	9	29.0%	-3	-3
9,167	NR					0	NR				
37,405	NR					234	206	28	13.6%	6	5
21,575	19,787	1,788	9.0%	-66	-31	28	8	20	250.0%	78	56
41,409	22,648	18,761	82.8%	5	-1	162	167	-5	-3.0%	-3	3
131,567	89,572	41,994	46.9%	-10	-7	574	364	210	57.7%	19	12
40,132	30,031	10,101	33.6%	-29	-25	351	331	20	6.0%	3	3
18,100	7,250	10,850	149.7%	60	1	154	140	14	10.0%	-2	1
30,543	72,564	(42,020)	-57.9%	-105	-69	209	195	14	7.2%	3	2
20,137	10,248	9,888	96.5%	9	-6	64	65	-1	-1.5%	-31	-17
34,216	27,593	6,623	24.0%	-41	-31	195	202	-7	-3.5%	-1	0
97,172	82,778	14,394	17.4%	-17	-11	667	775	-108	-13.9%	-1	-1
88,413	56,346	32,067	56.9%	-4	-3	334	380	-46	-12.1%	-10	-5
59,189	29,339	29,850	101.7%	10	2	231	235	-4	-1.7%	-10	-9
14,797	7,334	7,463	101.8%	10	-19	17	27	-10	-37.0%	-85	-34

Change: Private Support and Doctorates

Endowment Assets in Constant 1998 Dollars

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 — Endowment Assets x \$1000	1994 — Endowment Assets x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank
Public	University of Kentucky	385,842	120,522	265,320	220.1%	53	13
Public	University of Maine - Orono	124,294	84,568	39,726	47.0%	-58	-28
Public	University of Maryland - Baltimore	139,922	46,740	93,182	199.4%	74	13
Public	University of Maryland - Baltimore County	13,992	1,417	12,575	887.7%	-51	4
Public	University of Maryland - College Park	298,500	89,230	209,270	234.5%	60	14
Public	University of Massachusetts - Amherst	65,152	34,481	30,672	89.0%	-21	-19
Public	University of Massachusetts Medical Sch - Worcester	41,460	21,942	19,518	89.0%	-32	-15
Public	University of Medicine & Dentistry of New Jersey	149,225	58,715	90,511	154.2%	44	7
Private	University of Miami	421,399	263,636	157,763	59.8%	-13	-3
Public	University of Michigan - Ann Arbor	3,193,361	1,061,393	2,131,968	200.9%	4	0
Public	University of Minnesota - Twin Cities	1,519,552	721,503	798,049	110.6%	2	1
Public	University of Missouri - Columbia	325,495	181,688	143,807	79.2%	-9	-8
Public	University of Nebraska - Lincoln	579,719	187,591	392,127	209.0%	34	6
Public	University of Nevada - Reno	117,946	65,150	52,796	81.0%	-21	-12
Public	University of New Hampshire - Durham	136,455	53,582	82,873	154.7%	47	7
Public	University of New Mexico - Albuquerque	171,797	114,131	57,666	50.5%	-35	-25
Public	University of North Carolina - Chapel Hill	962,508	254,945	707,564	277.5%	39	7
Private	University of Notre Dame	2,604,653	966,733	1,637,920	169.4%	-1	-1
Public	University of Oklahoma - Norman	390,321	153,986	236,335	153.5%	21	6
Public	University of Oklahoma Health Sciences Center	164,662	65,994	98,668	149.5%	42	5
Public	University of Oregon	226,904	77,711	149,193	192.0%	48	9
Private	University of Pennsylvania	3,112,653	1,610,754	1,501,899	93.2%	-2	-1
Public	University of Pittsburgh - Pittsburgh	1,015,277	425,625	589,652	138.5%	9	0
Public	University of Rhode Island	56,253	19,741	36,512	185.0%	47	8
Private	University of Rochester	1,146,272	686,785	459,486	66.9%	-4	-3
Public	University of South Carolina - Columbia	278,585	86,141	192,444	223.4%	54	12
Public	University of South Florida	233,687	72,005	161,682	224.5%	66	18
Private	University of Southern California	1,920,180	870,411	1,049,769	120.6%	-2	-2
Public	University of Tennessee - Knoxville	355,136	72,532	282,605	389.6%	113	40
Public	University of Tennessee Health Science Center	127,980	61,653	66,327	107.6%	3	-6
Public	University of Texas - Austin	1,346,650	741,933	604,717	81.5%	-1	-2
Public	University of Texas Health Science Center - Houston	81,621	20,915	60,706	290.3%	110	26
Public	University of Texas Health Science Ctr - San Antonio	232,419	20,118	212,301	1055.3%	284	82
Public	University of Texas MD Anderson Cancer Center	256,010	85,013	170,997	201.1%	55	14
Public	University of Texas Medical Branch - Galveston	291,114	135,235	155,879	115.3%	10	-6
Public	University of Texas SW Medical Center - Dallas	593,574	228,404	365,170	159.9%	22	2
Public	University of Utah	313,808	126,625	187,183	147.8%	28	2
Public	University of Vermont	185,947	105,531	80,416	76.2%	-17	-18
Public	University of Virginia	1,572,226	797,153	775,074	97.2%	-2	-1
Public	University of Washington - Seattle	853,953	327,431	526,521	160.8%	19	-1
Public	University of Wisconsin - Madison	1,031,662	416,852	614,809	147.5%	15	4
Public	US Naval Postgraduate School	NR	NR				
Public	Utah State University	72,908	27,590	45,318	164.3%	31	-2
Private	Vanderbilt University	1,987,709	922,141	1,065,568	115.6%	-2	-2
Public	Virginia Commonwealth University	200,943	96,952	103,991	107.3%	2	-10
Public	Virginia Polytechnic Institute and State University	330,910	181,593	149,316	82.2%	-7	-6
Private	Wake Forest University	747,723	442,616	305,107	68.9%	-11	-4
Public	Washington State University - Pullman	431,529	247,938	183,590	74.0%	-6	-6
Private	Washington University	3,636,969	1,911,579	1,725,390	90.3%	0	-1
Public	Wayne State University	146,809	69,458	77,352	111.4%	10	-3
Public	West Virginia University	252,318	114,659	137,659	120.1%	10	-7
Private	Woods Hole Oceanographic Institution	246,851	149,218	97,633	65.4%	-25	-8
Private	Yale University	9,848,280	3,881,547	5,966,733	153.7%	0	0
Private	Yeshiva University	765,256	345,344	419,911	121.6%	9	13

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2001 Annual Giving x \$1000	1992 Annual Giving x \$1000	Net Change In Constant Dollars	Percent Change In Constant Dollars	Net Change In National Rank	Net Change In Control Rank	2001 Doctorates Awarded	1992 Doctorates Awarded	Net Change In Doctorates	Percent Change In Doctorates	Net Change In National Rank	Net Change In Control Rank
50,945	33,372	17,574	52.7%	-16	-12	219	211	8	3.8%	-1	-2
46,217	10,440	35,777	342.7%	104	43	41	51	-10	-19.6%	-48	-22
34,408	NR					72	59	13	22.0%	-1	1
10,008	NR					50	27	23	85.2%	39	17
69,917	20,912	49,005	234.3%	53	29	430	506	-76	-15.0%	-7	-4
20,737	13,563	7,174	52.9%	-28	-18	261	409	-148	-36.2%	-28	-19
14,082	NR					22	12	10	83.3%	17	3
41,326	NR					69	76	-7	-9.2%	-27	-15
97,389	61,137	36,252	59.3%	-5	-1	109	123	-14	-11.4%	-16	-7
192,723	94,608	98,115	103.7%	3	0	567	676	-109	-16.1%	-6	-5
210,703	147,754	62,949	42.6%	-8	-3	632	651	-19	-2.9%	2	2
40,380	31,373	9,007	28.7%	-34	-27	278	258	20	7.8%	4	4
62,574	26,444	36,131	136.6%	27	14	235	212	23	10.8%	5	4
16,303	17,427	(1,124)	-6.4%	-110	-50	60	39	21	53.8%	17	10
15,617	7,703	7,915	102.8%	5	-18	43	37	6	16.2%	-10	0
31,126	18,445	12,681	68.8%	-10	-14	174	152	22	14.5%	7	8
147,609	68,730	78,879	114.8%	3	2	398	338	60	17.8%	9	6
130,920	54,865	76,055	138.6%	11	4	132	89	43	48.3%	28	14
54,722	26,045	28,677	110.1%	17	7	158	155	3	1.9%	-3	2
26,953	11,163	15,790	141.5%	40	1	18	22	-4	-18.2%	-66	-26
45,063	21,088	23,975	113.7%	16	7	156	217	-61	-28.1%	-29	-19
262,863	181,991	80,871	44.4%	-5	-4	373	477	-104	-21.8%	-10	-3
81,589	40,663	40,926	100.6%	1	-2	360	343	17	5.0%	2	3
13,180	8,051	5,129	63.7%	-26	-30	95	106	-11	-10.4%	-20	-8
64,336	44,847	19,489	43.5%	-12	-3	196	231	-35	-15.2%	-15	-2
46,599	28,063	18,536	66.0%	-5	-5	235	242	-7	-2.9%	-7	-6
34,091	21,518	12,573	58.4%	-22	-19	158	96	62	64.6%	33	22
258,620	122,549	136,071	111.0%	1	0	522	355	167	47.0%	16	6
66,640	19,651	46,989	239.1%	57	29	239	260	-21	-8.1%	-9	-7
9,403	8,099	1,304	16.1%	-107	-57	35	15	20	133.3%	49	21
165,627	98,877	66,750	67.5%	-6	-6	733	671	62	9.2%	3	3
21,912	6,863	15,049	219.3%	98	15	75	52	23	44.2%	15	10
30,482	22,502	7,980	35.5%	-30	-26	36	19	17	89.5%	32	13
56,683	28,549	28,134	98.5%	9	1	NA	NA				
35,113	53,546	(18,433)	-34.4%	-77	-50	29	17	12	70.6%	17	5
83,212	64,978	18,234	28.1%	-16	-11	42	42	0	0.0%	-22	-7
134,695	53,710	80,985	150.8%	14	9	192	213	-21	-9.9%	-10	-8
29,286	NR					60	47	13	27.7%	0	1
174,784	59,814	114,970	192.2%	16	7	316	291	25	8.6%	2	1
213,457	120,590	92,867	77.0%	-1	0	486	396	90	22.7%	7	5
269,152	164,032	105,119	64.1%	-2	0	661	680	-19	-2.8%	-1	-1
NR	NR					NR	6				
19,512	6,347	13,165	207.4%	111	14	66	67	-1	-1.5%	-28	-14
143,324	68,683	74,640	108.7%	3	1	192	220	-28	-12.7%	-13	-3
25,214	10,668	14,547	136.4%	35	1	104	107	-3	-2.8%	-13	-4
61,141	29,780	31,361	105.3%	11	2	268	366	-98	-26.8%	-19	-12
53,657	34,400	19,258	56.0%	-14	-3	25	19	6	31.6%	-15	-5
36,821	35,869	951	2.7%	-57	-41	149	151	-2	-1.3%	-7	-2
112,345	80,621	31,724	39.3%	-8	-3	175	180	-5	-2.8%	-1	-5
41,096	19,117	21,978	115.0%	18	5	230	222	8	3.6%	-8	-8
35,753	21,938	13,815	63.0%	-14	-14	130	116	14	12.1%	3	0
22,204	NR					NR	NR				
322,253	167,334	154,919	92.6%	1	1	313	347	-34	-9.8%	-6	-3
94,801	NR					115	133	-18	-13.5%	-18	-10

Change: Students

Institutions with Over \$20 Million in Federal Research, Alphabetically		SAT Scores					
		2000 Median SAT	1995 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University - Tempe	1090	1080	10	0.9%	17	4
Public	Auburn University - Auburn	1105	1145	-40	-3.5%	-145	-37
Private	Baylor College of Medicine	NA	NA				
Private	Boston University	1270	1235	35	2.8%	30	22
Private	Brandeis University	1320	1300	20	1.5%	0	-1
Private	Brown University	1390	1380	10	0.7%	-3	-3
Private	California Institute of Technology	1515	1490	25	1.7%	0	0
Private	Carnegie Mellon University	1370	1335	35	2.6%	6	6
Private	Case Western Reserve University	1345	1345	0	0.0%	-12	-12
Private	Charles R. Drew University of Medicine and Science	NA	NA				
Public	Clemson University	1180	1130	50	4.4%	103	26
Public	Colorado State University	1110	1110	0	0.0%	-36	-8
Private	Columbia University	1410	1375	35	2.5%	6	6
Private	Cornell University	1365	1345	20	1.5%	-2	-2
Private	Dartmouth College	1425	1415	10	0.7%	0	0
Private	Duke University	1400	1380	20	1.4%	-1	-1
Private	Emory University	1380	1315	65	4.9%	19	18
Public	Florida International University	1100	1155	-55	-4.8%	-184	-49
Public	Florida State University	1160	1175	-15	-1.3%	-43	-9
Public	George Mason University	1075	1080	-5	-0.5%	-39	-16
Private	George Washington University	1235	1235	0	0.0%	-7	-5
Private	Georgetown University	1365	1305	60	4.6%	17	16
Public	Georgia Institute of Technology	1335	1320	15	1.1%	-2	0
Private	Harvard University	1485	1465	20	1.4%	-1	-1
Private	Howard University	1090	NR				
Public	Indiana University - Bloomington	1095	NR				
Public	Indiana University-Purdue University - Indianapolis	950	930	20	2.2%	-41	-35
Public	Iowa State University	1210	1125	85	7.6%	160	43
Private	Johns Hopkins University	1390	1365	25	1.8%	4	4
Public	Kansas State University	1050	1070	-20	-1.9%	-106	-39
Public	Louisiana State University - Baton Rouge	1090	1130	-40	-3.5%	-152	-48
Public	Louisiana State University Health Sciences Center	NA	NA				
Private	Loyola University Chicago	1155	1145	10	0.9%	7	3
Private	Massachusetts Institute of Technology	1485	1460	25	1.7%	0	0
Private	MCP Hahnemann University	NA	NA				
Private	Medical College of Wisconsin	NA	NA				
Public	Medical University of South Carolina	NA	NA				
Public	Michigan State University	1115	1095	20	1.8%	36	15
Public	Mississippi State University	1140	1070	70	6.5%	212	65
Public	Montana State University - Bozeman	1115	1095	20	1.8%	36	15
Private	Mount Sinai School of Medicine	NA	NA				
Public	New Mexico State University - Las Cruces	950	1010	-60	-5.9%	-329	-156
Private	New York University	1335	1280	55	4.3%	26	18
Public	North Carolina State University	1185	1170	15	1.3%	13	10
Private	Northeastern University	1125	1100	25	2.3%	54	36
Private	Northwestern University	1380	1320	60	4.5%	16	16
Public	Ohio State University - Columbus	1160	1090	70	6.4%	188	55
Public	Oklahoma State University - Stillwater	1110	1145	-35	-3.1%	-121	-32
Public	Oregon Health & Science University	NA	NA				
Public	Oregon State University	1080	NR				
Public	Pennsylvania State University - Hershey Medical Ctr	NA	NA				
Public	Pennsylvania State University - University Park	1185	1195	-10	-0.8%	-22	-1
Private	Princeton University	1490	1445	45	3.1%	4	4

National Merit and Achievement Scholars						Headcount Enrollment			
2001 National Merit Scholars	1992 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2000 Total Student Headcount	Fall 1991 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
116	19	97	510.5%	83	44	44,126	42,615	1,511	3.5%
26	20	6	30.0%	17	11	21,860	21,836	24	0.1%
NA	NA					1,192	1,042	150	14.4%
53	45	8	17.8%	0	0	28,318	28,086	232	0.8%
31	15	16	106.7%	49	27	4,753	3,770	983	26.1%
82	60	22	36.7%	-3	-1	7,723	7,532	191	2.5%
55	37	18	48.6%	19	9	1,968	1,943	25	1.3%
26	13	13	100.0%	49	28	8,514	7,148	1,366	19.1%
49	54	-5	-9.3%	-13	-7	9,304	8,688	616	7.1%
NA	NA					99	100	-1	-1.0%
33	18	15	83.3%	40	22	17,465	17,295	170	1.0%
9	0	9		271	99	26,807	27,080	-273	-1.0%
67	19	48	252.6%	68	32	19,639	18,878	761	4.0%
69	74	-5	-6.8%	-13	-6	20,843	20,539	304	1.5%
45	30	15	50.0%	17	5	5,386	5,063	323	6.4%
119	110	9	8.2%	-6	-4	12,192	11,335	857	7.6%
55	46	9	19.6%	4	3	11,398	9,791	1,607	16.4%
1	0	1		142	58	31,945	23,841	8,104	34.0%
98	50	48	96.0%	14	5	33,971	28,521	5,450	19.1%
0	0	0	0.0%	25	13	23,408	20,693	2,715	13.1%
25	64	-39	-60.9%	-66	-34	20,527	19,202	1,325	6.9%
26	25	1	4.0%	0	-1	12,427	11,851	576	4.9%
124	125	-1	-0.8%	-7	-2	14,805	12,814	1,991	15.5%
415	432	-17	-3.9%	0	0	24,279	24,894	-615	-2.5%
28	18	10	55.6%	31	13	10,010	10,724	-714	-6.7%
17	25	-8	-32.0%	-27	-10	37,076	35,487	1,589	4.5%
0	0	0	0.0%	25	13	27,525	27,786	-261	-0.9%
125	50	75	150.0%	23	11	26,845	25,773	1,072	4.2%
90	62	28	45.2%	-2	0	17,774	13,672	4,102	30.0%
13	27	-14	-51.9%	-53	-20	21,929	20,712	1,217	5.9%
41	25	16	64.0%	26	15	31,527	26,936	4,591	17.0%
NA	NA					2,720	2,726	-6	-0.2%
8	1	7	700.0%	137	92	12,605	15,834	-3,229	-20.4%
185	139	46	33.1%	3	2	10,090	9,541	549	5.8%
NA	NA					2,500	2,268	232	10.2%
NA	NA					1,181	1,009	172	17.0%
NA	NA					2,346	2,283	63	2.8%
66	60	6	10.0%	-10	-5	43,366	42,790	576	1.3%
31	19	12	63.2%	33	17	16,561	14,638	1,923	13.1%
3	0	3		194	73	11,666	10,111	1,555	15.4%
NA	NA					609	510	99	19.4%
0	1	-1	-100.0%	-101	-35	14,958	15,344	-386	-2.5%
167	31	136	438.7%	58	26	37,150	33,441	3,709	11.1%
37	9	28	311.1%	89	36	28,619	27,791	828	3.0%
2	5	-3	-60.0%	-44	-29	23,897	28,887	-4,990	-17.3%
139	105	34	32.4%	-1	-2	16,952	17,099	-147	-0.9%
115	106	9	8.5%	-8	-4	47,952	54,311	-6,359	-11.7%
19	38	-19	-50.0%	-48	-23	18,676	19,770	-1,094	-5.5%
NA	NA					1,905	1,376	529	38.4%
11	3	8	266.7%	86	33	16,758	15,155	1,603	10.6%
NA	NA					644	541	103	19.0%
25	32	-7	-21.9%	-25	-10	40,571	38,989	1,582	4.1%
174	152	22	14.5%	-3	0	6,547	6,557	-10	-0.2%

Change: Students

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		SAT Scores					
		2000 Median SAT	1995 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Purdue University - West Lafayette	1130	1095	35	3.2%	81	29
Private	Rensselaer Polytechnic Institute	1275	1275	0	0.0%	-9	-9
Private	Rice University	1410	1425	-15	-1.1%	-4	-4
Private	Rockefeller University	NA	NA				
Private	Rush University	NA	NA				
Public	Rutgers the State University of NJ - New Brunswick	1180	1210	-30	-2.5%	-61	-12
Private	Saint Louis University - St. Louis	1160	1160	0	0.0%	-14	-13
Public	San Diego State University	1045	945	100	10.6%	353	144
Private	Stanford University	1460	1430	30	2.1%	0	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA	NA				
Private	Syracuse University	1205	1180	25	2.1%	30	20
Public	Temple University	1030	1025	5	0.5%	6	-3
Public	Texas A&M University	1180	1175	5	0.4%	-2	4
Public	Texas Tech University	1075	1060	15	1.4%	41	17
Private	Thomas Jefferson University	NA	NA				
Private	Tufts University	1325	1295	30	2.3%	4	2
Private	Tulane University	1235	1275	-40	-3.1%	-48	-38
Public	University at Albany	1130	1165	-35	-3.0%	-114	-22
Public	University at Buffalo	1115	1145	-30	-2.6%	-105	-25
Public	University at Stony Brook	1130	1085	45	4.1%	129	43
Public	University of Alabama - Birmingham	1030	990	40	4.0%	139	49
Public	University of Alabama - Huntsville	1140	1150	-10	-0.9%	-35	-7
Public	University of Alaska - Fairbanks	1020	1060	-40	-3.8%	-206	-83
Public	University of Arizona	1095	1090	5	0.5%	-10	-1
Public	University of Arkansas - Fayetteville	1155	1050	105	10.0%	321	106
Public	University of Arkansas for Medical Sciences	NA	NA				
Public	University of California - Berkeley	1320	1305	15	1.1%	-4	0
Public	University of California - Davis	1175	1155	20	1.7%	26	7
Public	University of California - Irvine	1145	1105	40	3.6%	95	28
Public	University of California - Los Angeles	1285	1220	65	5.3%	52	13
Public	University of California - Riverside	1060	1070	-10	-0.9%	-63	-22
Public	University of California - San Diego	1180	1180	0	0.0%	-11	1
Public	University of California - San Francisco	NA	NA				
Public	University of California - Santa Barbara	1185	1115	70	6.3%	151	41
Public	University of California - Santa Cruz	1145	1130	15	1.3%	21	5
Private	University of Chicago	1385	1370	15	1.1%	-1	-1
Public	University of Cincinnati - Cincinnati	1060	1105	-45	-4.1%	-189	-62
Public	University of Colorado - Boulder	1155	1155	0	0.0%	-22	-4
Public	University of Colorado Health Sciences Center	NA	NA				
Public	University of Connecticut - Health Center	NA	NA				
Public	University of Connecticut - Storrs	1140	1115	25	2.2%	51	14
Private	University of Dayton	1140	1185	-45	-3.8%	-112	-88
Public	University of Delaware	1150	1150	0	0.0%	-16	-2
Public	University of Florida	1210	1255	-45	-3.6%	-54	-9
Public	University of Georgia	1210	1200	10	0.8%	3	5
Public	University of Hawaii - Manoa	1080	1075	5	0.5%	-4	-3
Public	University of Houston - University Park	1035	1120	-85	-7.6%	-359	-124
Public	University of Idaho	1105	1090	15	1.4%	14	10
Public	University of Illinois - Chicago	1070	1065	5	0.5%	14	7
Public	University of Illinois - Urbana-Champaign	1245	1250	-5	-0.4%	-12	0
Public	University of Iowa	1175	1170	5	0.4%	-11	1
Public	University of Kansas - Lawrence	1140	1070	70	6.5%	212	65
Public	University of Kansas Medical Center	NA	NA				

National Merit and Achievement Scholars						Headcount Enrollment			
2001 National Merit Scholars	1992 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2000 Total Student Headcount	Fall 1991 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
76	19	57	300.0%	71	38	39,667	38,068	1,599	4.2%
16	15	1	6.7%	2	-1	8,022	6,895	1,127	16.3%
170	236	-66	-28.0%	-9	-5	4,205	4,315	-110	-2.5%
NA	NA					151	125	26	20.8%
NA	NA					1,282	1,228	54	4.4%
26	29	-3	-10.3%	-10	-3	35,236	33,376	1,860	5.6%
20	6	14	233.3%	87	55	13,847	15,356	-1,509	-9.8%
0	0	0		25	13	31,609	33,406	-1,797	-5.4%
315	180	135	75.0%	2	1	18,549	15,150	3,399	22.4%
NA	NA					1,470	1,591	-121	-7.6%
2	9	-7	-77.8%	-95	-61	18,186	20,906	-2,720	-13.0%
2	0	2		180	68	28,355	30,750	-2,395	-7.8%
178	151	27	17.9%	-1	-2	44,026	40,997	3,029	7.4%
22	7	15	214.3%	72	27	24,558	24,757	-199	-0.8%
NA	NA					2,256	2,596	-340	-13.1%
40	21	19	90.5%	36	15	9,106	7,957	1,149	14.4%
55	54	1	1.9%	-3	-1	11,652	11,026	626	5.7%
1	1	0	0.0%	16	10	16,751	18,805	-2,054	-10.9%
1	4	-3	-75.0%	-70	-21	24,830	26,012	-1,182	-4.5%
4	1	3	300.0%	94	33	19,924	17,696	2,228	12.6%
10	2	8	400.0%	108	42	14,951	15,922	-971	-6.1%
1	3	-2	-66.7%	-55	-15	6,563	8,624	-2,061	-23.9%
6	11	-5	-45.5%	-41	-15	7,132	7,663	-531	-6.9%
67	43	24	55.8%	14	5	34,488	35,210	-722	-2.1%
23	35	-12	-34.3%	-36	-16	15,346	14,151	1,195	8.4%
NA	NA					1,855	1,516	339	22.4%
233	58	175	301.7%	28	11	31,277	30,796	481	1.6%
20	26	-6	-23.1%	-21	-8	26,094	24,011	2,083	8.7%
17	10	7	70.0%	37	14	20,211	16,897	3,314	19.6%
86	81	5	6.2%	-12	-6	36,890	36,613	277	0.8%
0	7	-7	-100.0%	-232	-82	13,015	8,755	4,260	48.7%
52	57	-5	-8.8%	-13	-6	20,197	17,876	2,321	13.0%
NA	NA					3,517	3,835	-318	-8.3%
11	9	2	22.2%	8	4	19,962	18,483	1,479	8.0%
4	4	0	0.0%	8	2	12,144	10,103	2,041	20.2%
174	100	74	74.0%	8	6	12,531	10,952	1,579	14.4%
9	12	-3	-25.0%	-22	-8	27,327	30,051	-2,724	-9.1%
6	2	4	200.0%	76	31	29,352	28,836	516	1.8%
NA	NA					2,399	2,191	208	9.5%
NA	NA					486	467	19	4.1%
2	3	-1	-33.3%	-17	-5	19,393	24,844	-5,451	-21.9%
17	23	-6	-26.1%	-19	-15	10,318	11,284	-966	-8.6%
16	28	-12	-42.9%	-42	-16	19,072	20,863	-1,791	-8.6%
197	146	51	34.9%	2	0	45,114	36,227	8,887	24.5%
53	32	21	65.6%	21	14	31,288	28,691	2,597	9.1%
0	1	-1	-100.0%	-101	-35	17,263	19,308	-2,045	-10.6%
15	75	-60	-80.0%	-104	-50	32,123	33,607	-1,484	-4.4%
8	2	6	300.0%	94	34	11,635	10,936	699	6.4%
4	2	2	100.0%	51	22	24,942	24,659	283	1.1%
28	52	-24	-46.2%	-38	-21	38,465	38,755	-290	-0.7%
36	25	11	44.0%	17	9	28,311	28,648	-337	-1.2%
106	42	64	152.4%	26	11	25,920	26,655	-735	-2.8%
NA	NA					2,409	2,488	-79	-3.2%

Change: Students

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		SAT Scores					
		2000 Median SAT	1995 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Kentucky	1125	1125	0	0.0%	-27	-7
Public	University of Maine - Orono	1075	1100	-25	-2.3%	-118	-40
Public	University of Maryland - Baltimore	NA	NA				
Public	University of Maryland - Baltimore County	1180	1190	-10	-0.8%	-25	-2
Public	University of Maryland - College Park	1250	1170	80	6.8%	98	32
Public	University of Massachusetts - Amherst	1125	1100	25	2.3%	54	18
Public	University of Massachusetts Medical Sch - Worcester	NA	NA				
Public	University of Medicine & Dentistry of New Jersey	NA	NA				
Private	University of Miami	1175	1145	30	2.6%	55	40
Public	University of Michigan - Ann Arbor	1280	1265	15	1.2%	9	5
Public	University of Minnesota - Twin Cities	1203	1090	113	10.4%	263	77
Public	University of Missouri - Columbia	1200	1180	20	1.7%	22	9
Public	University of Nebraska - Lincoln	1145	1030	115	11.2%	376	125
Public	University of Nevada - Reno	1050	1120	-70	-6.3%	-280	-94
Public	University of New Hampshire - Durham	1120	1115	5	0.4%	-18	-4
Public	University of New Mexico - Albuquerque	1080	1075	5	0.5%	-4	-3
Public	University of North Carolina - Chapel Hill	1235	1225	10	0.8%	-1	-1
Private	University of Notre Dame	1350	1320	30	2.3%	4	4
Public	University of Oklahoma - Norman	1140	1110	30	2.7%	64	21
Public	University of Oklahoma Health Sciences Center	NA	NA				
Public	University of Oregon	1115	1110	5	0.5%	-20	-1
Private	University of Pennsylvania	1425	1355	70	5.2%	14	14
Public	University of Pittsburgh - Pittsburgh	1165	1100	65	5.9%	157	42
Public	University of Rhode Island	1085	1080	5	0.5%	-9	-6
Private	University of Rochester	1320	1245	75	6.0%	51	36
Public	University of South Carolina - Columbia	1110	1075	35	3.3%	100	31
Public	University of South Florida	1080	1125	-45	-4.0%	-183	-58
Private	University of Southern California	1305	1190	115	9.7%	108	77
Public	University of Tennessee - Knoxville	1115	1100	15	1.4%	18	8
Public	University of Tennessee Health Science Center	NA	NA				
Public	University of Texas - Austin	1195	1205	-10	-0.8%	-27	-5
Public	University of Texas Health Science Center - Houston	NA	NA				
Public	University of Texas Health Science Ctr - San Antonio	NA	NA				
Public	University of Texas MD Anderson Cancer Center	NA	NA				
Public	University of Texas Medical Branch - Galveston	NA	NA				
Public	University of Texas SW Medical Center - Dallas	NA	NA				
Public	University of Utah	1070	1150	-80	-7.0%	-270	-83
Public	University of Vermont	1135	1115	20	1.8%	31	7
Public	University of Virginia	1305	1300	5	0.4%	-13	-1
Public	University of Washington - Seattle	1160	1145	15	1.3%	29	8
Public	University of Wisconsin - Madison	1245	1220	25	2.0%	16	5
Public	US Naval Postgraduate School	NA	NA				
Public	Utah State University	1060	1010	50	5.0%	179	65
Private	Vanderbilt University	1310	1295	15	1.2%	-7	-7
Public	Virginia Commonwealth University	1030	1000	30	3.0%	115	38
Public	Virginia Polytechnic Institute and State University	1175	1155	20	1.7%	26	7
Private	Wake Forest University	1300	1285	15	1.2%	-7	-8
Public	Washington State University - Pullman	1060	1030	30	2.9%	92	35
Private	Washington University	1370	1280	90	7.0%	40	32
Public	Wayne State University	970	950	20	2.1%	0	-11
Public	West Virginia University	1030	NR				
Private	Woods Hole Oceanographic Institution	NA	NA				
Private	Yale University	1465	1450	15	1.0%	-2	-2
Private	Yeshiva University	1260	1260	0	0.0%	-4	-7

National Merit and Achievement Scholars						Headcount Enrollment			
2001 National Merit Scholars	1992 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2000 Total Student Headcount	Fall 1991 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
49	45	4	8.9%	-5	-3	23,114	23,541	-427	-1.8%
0	7	-7	-100.0%	-232	-82	10,282	12,804	-2,522	-19.7%
NA	NA					5,337	4,982	355	7.1%
9	7	2	28.6%	14	4	10,759	10,366	393	3.8%
47	25	22	88.0%	30	17	33,189	34,621	-1,432	-4.1%
0	3	-3	-100.0%	-172	-60	24,416	24,784	-368	-1.5%
NA	NA					664	620	44	7.1%
NA	NA					4,666	3,404	1,262	37.1%
27	40	-13	-32.5%	-27	-13	13,963	14,194	-231	-1.6%
72	62	10	16.1%	-7	-4	38,103	35,343	2,760	7.8%
54	41	13	31.7%	9	6	45,481	56,350	-10,869	-19.3%
20	34	-14	-41.2%	-40	-18	23,309	24,726	-1,417	-5.7%
39	22	17	77.3%	31	19	22,268	24,620	-2,352	-9.6%
0	1	-1	-100.0%	-101	-35	13,149	11,706	1,443	12.3%
1	5	-4	-80.0%	-82	-25	14,689	13,629	1,060	7.8%
1	0	1		142	58	23,670	24,092	-422	-1.8%
160	42	118	281.0%	37	17	24,892	23,833	1,059	4.4%
44	18	26	144.4%	53	23	10,800	10,085	715	7.1%
116	145	-29	-20.0%	-11	-4	24,205	21,250	2,955	13.9%
NA	NA					2,759	2,907	-148	-5.1%
10	6	4	66.7%	38	13	17,801	18,631	-830	-4.5%
98	39	59	151.3%	31	16	21,853	22,229	-376	-1.7%
13	3	10	333.3%	100	36	26,329	27,973	-1,644	-5.9%
1	1	0	0.0%	16	10	14,362	15,387	-1,025	-6.7%
35	20	15	75.0%	33	15	8,071	9,680	-1,609	-16.6%
42	14	28	200.0%	72	35	23,728	26,131	-2,403	-9.2%
16	21	-5	-23.8%	-21	-5	35,561	33,257	2,304	6.9%
155	59	96	162.7%	16	9	29,194	28,624	570	2.0%
37	32	5	15.6%	2	3	25,890	26,266	-376	-1.4%
NA	NA					2,069	1,859	210	11.3%
236	228	8	3.5%	0	0	49,996	49,961	35	0.1%
NA	NA					3,143	3,125	18	0.6%
NA	NA					2,543	2,546	-3	-0.1%
NA	NA					NR	NR		
NA	NA					1,927	1,960	-33	-1.7%
NA	NA					1,505	1,595	-90	-5.6%
33	33	0	0.0%	-4	-1	24,948	26,706	-1,758	-6.6%
0	0	0	0.0%	25	13	10,118	11,171	-1,053	-9.4%
49	56	-7	-12.5%	-14	-7	22,411	21,341	1,070	5.0%
41	32	9	28.1%	9	7	36,139	34,269	1,870	5.5%
26	22	4	18.2%	9	7	40,658	43,030	-2,372	-5.5%
NA	NA					NR	1,871		
9	15	-6	-40.0%	-38	-12	21,490	16,288	5,202	31.9%
115	79	36	45.6%	-3	-1	10,092	9,519	573	6.0%
2	0	2		180	68	24,066	21,608	2,458	11.4%
30	67	-37	-55.2%	-50	-26	27,869	26,257	1,612	6.1%
20	33	-13	-39.4%	-38	-22	6,173	5,678	495	8.7%
1	5	-4	-80.0%	-82	-25	20,492	17,838	2,654	14.9%
165	68	97	142.6%	10	5	12,118	11,673	445	3.8%
0	0	0	0.0%	25	13	30,408	33,914	-3,506	-10.3%
11	15	-4	-26.7%	-26	-5	21,987	22,460	-473	-2.1%
NA	NA					NR	NR		
200	157	43	27.4%	0	1	11,099	11,059	40	0.4%
4	3	1	33.3%	23	15	5,814	4,802	1,012	21.1%

Institutional Characteristics and TheCenter Measures		Institutional Characteristics					
Institutions with Over \$20 Million in Federal Research, Alphabetically		State	Highest Degree Offered	Has a Medical School	Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2000
Public	Arizona State University - Tempe	AZ	Doctoral and First-Prof.			Moderate Engineering	44,126
Public	Auburn University - Auburn	AL	Doctoral and First-Prof.		Yes	Moderate Life and Eng	21,860
Private	Baylor College of Medicine	TX	Doctoral and First-Prof.	Yes		All Life Science	1,192
Private	Boston University	MA	Doctoral and First-Prof.	Yes		Strong Life Science	28,318
Private	Brandeis University	MA	Doctoral			Strong Life Science	4,753
Private	Brown University	RI	Doctoral and First-Prof.	Yes		Strong Life Science	7,723
Private	California Institute of Technology	CA	Doctoral			Strong Physical Science	1,968
Private	Carnegie Mellon University	PA	Doctoral			Moderate Eng and Computer	8,514
Private	Case Western Reserve University	OH	Doctoral and First-Prof.	Yes		Heavy Life Science	9,304
Private	Charles R. Drew University of Medicine and Science	NJ	Doctoral and First-Prof.			All Life Science	99
Public	Clemson University	SC	Doctoral		Yes	Strong Life Science	17,465
Public	Colorado State University	CO	Doctoral and First-Prof.		Yes	Strong Life Science	26,807
Private	Columbia University	NY	Doctoral and First-Prof.	Yes		Strong Life Science	19,639
Private	Cornell University	NY	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	20,843
Private	Dartmouth College	NH	Doctoral and First-Prof.	Yes		Strong Life Science	5,386
Private	Duke University	NC	Doctoral and First-Prof.	Yes		Heavy Life Science	12,192
Private	Emory University	GA	Doctoral and First-Prof.	Yes		All Life Science	11,398
Public	Florida International University	FL	Doctoral			Moderate Engineering	31,945
Public	Florida State University	FL	Doctoral and First-Prof.			Moderate Physical Science	33,971
Public	George Mason University	VA	Doctoral and First-Prof.			Moderate Engineering	23,408
Private	George Washington University	DC	Doctoral and First-Prof.	Yes		Moderate Life and Math	20,527
Private	Georgetown University	DC	Doctoral and First-Prof.	Yes		Heavy Life Science	12,427
Public	Georgia Institute of Technology	GA	Doctoral			Strong Engineering	14,805
Private	Harvard University	MA	Doctoral and First-Prof.	Yes		Heavy Life Science	24,279
Private	Howard University	DC	Doctoral and First-Prof.	Yes		Strong Life Science	10,010
Public	Indiana University - Bloomington	IN	Doctoral and First-Prof.			Moderate Life and Physical	37,076
Public	Indiana University-Purdue University - Indianapolis	IN	Doctoral and First-Prof.	Yes		Heavy Life Science	27,525
Public	Iowa State University	IA	Doctoral and First-Prof.		Yes	Moderate Life and Eng	26,845
Private	Johns Hopkins University	MD	Doctoral and First-Prof.	Yes		Moderate Life and Eng	17,774
Public	Kansas State University	KS	Doctoral and First-Prof.		Yes	Strong Life Science	21,929
Public	Louisiana State University - Baton Rouge	LA	Doctoral and First-Prof.		Yes-System	Moderate Life Science	31,527
Public	Louisiana State University Health Sciences Center	LA	Doctoral and First-Prof.	Yes	No-System	All Life Science	2,720
Private	Loyola University Chicago	IL	Doctoral and First-Prof.	Yes		Heavy Life Science	12,605
Private	Massachusetts Institute of Technology	MA	Doctoral and First-Prof.			Moderate Physical and Eng	10,090
Private	MCP Hahnemann University	PA	Doctoral and First-Prof.	Yes		All Life Science	2,500
Private	Medical College of Wisconsin	WI	Doctoral and First-Prof.	Yes		All Life Science	1,181
Public	Medical University of South Carolina	SC	Doctoral and First-Prof.	Yes		All Life Science	2,346
Public	Michigan State University	MI	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	43,366
Public	Mississippi State University	MS	Doctoral and First-Prof.		Yes	Moderate Life and Eng	16,561
Public	Montana State University - Bozeman	MT	Doctoral		Yes	Moderate Life and Physical	11,666
Private	Mount Sinai School of Medicine	NY	Doctoral and First-Prof.	Yes		All Life Science	609
Public	New Mexico State University - Las Cruces	NM	Doctoral		Yes	Strong Engineering	14,958
Private	New York University	NY	Doctoral and First-Prof.	Yes		Heavy Life Science	37,150
Public	North Carolina State University	NC	Doctoral and First-Prof.		Yes	Moderate Life and Eng	28,619
Private	Northeastern University	MA	Doctoral and First-Prof.			Moderate Physical and Eng	23,897
Private	Northwestern University	IL	Doctoral and First-Prof.	Yes		Strong Life Science	16,952
Public	Ohio State University - Columbus	OH	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	47,952
Public	Oklahoma State University - Stillwater	OK	Doctoral and First-Prof.		Yes	Moderate Life and Eng	18,676
Public	Oregon Health & Science University	OR	Doctoral and First-Prof.	Yes		All Life Science	1,905
Public	Oregon State University	OR	Doctoral and First-Prof.		Yes	Moderate Life and Enviro	16,758
Public	Pennsylvania State University - Hershey Medical Ctr	PA	Doctoral and First-Prof.	Yes		All Life Science	644
Public	Pennsylvania State University - University Park	PA	Doctoral		Yes	Strong Engineering	40,571
Private	Princeton University	NJ	Doctoral			Moderate Engineering	6,547

National Rankings						Institutional Control Rankings					
2002 No. of Measures in Top 25 Nationally	2002 No. of Measures in Top 26-50 Nationally	2001 No. of Measures in Top 25 Nationally	2001 No. of Measures in Top 26-50 Nationally	2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2002 No. of Measures in Top 25 Privates/Publics	2002 No. of Measures in Top 26-50 Privates/Publics	2001 No. of Measures in Top 25 Privates/Publics	2001 No. of Measures in Top 26-50 Privates/Publics	2000 No. of Measures in Top 25 Privates/Publics	2000 No. of Measures in Top 26-50 Privates/Publics
0	1	0	1	0	1	0	3	0	3	0	3
0	0	0	0	0	0	0	1	0	0	0	0
2	3	1	4	1	4	6	1	5	2	5	2
0	3	0	4	0	3	6	2	5	3	5	3
0	1	0	2	0	2	0	8	1	7	1	7
1	3	1	3	1	3	4	5	4	5	4	5
3	3	4	4	5	3	7	2	8	1	9	0
0	2	1	2	1	2	3	6	5	4	5	4
1	6	0	7	1	5	7	2	7	2	6	3
0	0	0	0	0	0	0	3	0	3	0	0
0	0	0	0	0	0	0	2	0	1	0	0
0	0	0	1	0	1	0	4	0	4	0	5
8	1	8	1	8	1	9	0	9	0	9	0
7	2	9	0	8	1	8	1	9	0	8	1
2	2	2	1	2	1	5	3	5	3	4	4
8	1	8	0	8	0	9	0	9	0	9	0
3	3	1	4	2	5	7	2	4	5	5	4
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	5	0	3	0	3
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	6	1	6	1	7
0	2	0	2	0	2	2	6	1	8	3	5
0	7	0	7	0	6	7	1	7	1	6	1
9	0	9	0	9	0	9	0	9	0	9	0
0	0	0	0	0	1	0	3	0	3	0	4
1	1	1	1	0	1	2	4	3	2	2	4
1	0	0	2	0	0	1	3	1	4	0	4
0	0	0	1	0	2	1	7	2	5	1	6
8	1	8	1	8	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	1	0	4	0	3	0	3
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	4	0	0	0	0
9	0	9	0	9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	3	0	0	0	4
0	0	0	0	0	0	0	3	0	3	0	5
0	0	0	0	0	0	0	1	0	1	0	1
2	2	1	4	1	2	3	5	4	4	2	6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	1	2	1	0	4
0	0	0	0	0	0	0	0	0	0	0	0
0	8	1	8	2	7	7	2	7	2	8	1
0	4	0	3	0	3	4	4	2	7	2	5
0	0	0	0	0	0	0	3	0	3	0	4
3	5	4	5	3	5	8	1	9	0	9	0
3	4	3	4	3	3	7	2	7	1	6	2
0	0	0	0	0	0	0	1	0	0	0	1
0	1	0	0	0	0	0	3	0	3	0	2
0	0	0	0	0	0	0	2	0	3	0	2
0	0	0	0	0	0	0	0	0	0	0	0
4	3	3	3	2	4	7	2	8	1	8	1
5	2	5	2	5	1	7	2	8	1	8	1

Institutional Characteristics and TheCenter Measures		Institutional Characteristics					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Has a Medical School	Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2000
Public	Purdue University - West Lafayette	IN	Doctoral and First-Prof.		Yes	Moderate Life and Eng	39,667
Private	Rensselaer Polytechnic Institute	NY	Doctoral			Strong Engineering	8,022
Private	Rice University	TX	Doctoral			Moderate Physical & Computer	4,205
Private	Rockefeller University	NY	Doctoral			Heavy Life Science	151
Private	Rush University	IL	Doctoral and First-Prof.	Yes		All Life Science	1,282
Public	Rutgers the State University of NJ - New Brunswick	NJ	Doctoral and First-Prof.		Yes	Moderate Life Science	35,236
Private	Saint Louis University - St. Louis	MO	Doctoral and First-Prof.	Yes		All Life Science	13,847
Public	San Diego State University	CA	Doctoral			Moderate Life Science	31,609
Private	Stanford University	CA	Doctoral and First-Prof.	Yes		Strong Life Science	18,549
Public	State Univ. of New York Health Science Ctr - Brooklyn	NY	Doctoral and First-Prof.	Yes		All Life Science	1,470
Private	Syracuse University	NY	Doctoral and First-Prof.			Moderate Computer Science	18,186
Public	Temple University	PA	Doctoral and First-Prof.	Yes		Strong Life Science	28,355
Public	Texas A&M University	TX	Doctoral and First-Prof.	No	Yes	Moderate Life and Enviro	44,026
Public	Texas Tech University	TX	Doctoral and First-Prof.			Moderate Life and Eng	24,558
Private	Thomas Jefferson University	PA	Doctoral and First-Prof.	Yes		All Life Science	2,256
Private	Tufts University	MA	Doctoral and First-Prof.	Yes		Heavy Life Science	9,106
Private	Tulane University	LA	Doctoral and First-Prof.	Yes		Heavy Life Science	11,652
Public	University at Albany	NY	Doctoral			Heavy Life Science	16,751
Public	University at Buffalo	NY	Doctoral and First-Prof.	Yes		Strong Life Science	24,830
Public	University at Stony Brook	NY	Doctoral and First-Prof.	Yes		Strong Life Science	19,924
Public	University of Alabama - Birmingham	AL	Doctoral and First-Prof.	Yes		Heavy Life Science	14,951
Public	University of Alabama - Huntsville	AL	Doctoral			Moderate Engineering	6,563
Public	University of Alaska - Fairbanks	AK	Doctoral		Yes-System	Moderate Physical Science	7,132
Public	University of Arizona	AZ	Doctoral and First-Prof.	Yes	Yes	Moderate Life and Physical	34,488
Public	University of Arkansas - Fayetteville	AR	Doctoral and First-Prof.		Yes	Moderate Life and Eng	15,346
Public	University of Arkansas for Medical Sciences	AR	Doctoral and First-Prof.	Yes		All Life Science	1,855
Public	University of California - Berkeley	CA	Doctoral and First-Prof.		Yes-System	Moderate Life, Physical & Eng	31,277
Public	University of California - Davis	CA	Doctoral and First-Prof.	Yes	Yes-System	Heavy Life Science	26,094
Public	University of California - Irvine	CA	Doctoral and First-Prof.	Yes	No-System	Strong Life Science	20,211
Public	University of California - Los Angeles	CA	Doctoral and First-Prof.	Yes	No-System	Strong Life Science	36,890
Public	University of California - Riverside	CA	Doctoral and First-Prof.		Yes-System	Moderate Life and Physical	13,015
Public	University of California - San Diego	CA	Doctoral and First-Prof.	Yes	No-System	Moderate Life Science	20,197
Public	University of California - San Francisco	CA	Doctoral and First-Prof.	Yes	No-System	All Life Science	3,517
Public	University of California - Santa Barbara	CA	Doctoral		No-System	Moderate Engineering	19,962
Public	University of California - Santa Cruz	CA	Doctoral		No-System	Moderate Physical Science	12,144
Private	University of Chicago	IL	Doctoral and First-Prof.	Yes		Strong Life Science	12,531
Public	University of Cincinnati - Cincinnati	OH	Doctoral and First-Prof.	Yes		Heavy Life Science	27,327
Public	University of Colorado - Boulder	CO	Doctoral and First-Prof.			Moderate Physical and Enviro	29,352
Public	University of Colorado Health Sciences Center	CO	Doctoral and First-Prof.	Yes		All Life Science	2,399
Public	University of Connecticut - Health Center	CT	Doctoral and First-Prof.	Yes		All Life Science	486
Public	University of Connecticut - Storrs	CT	Doctoral and First-Prof.		Yes	Moderate Life Science	19,393
Private	University of Dayton	OH	Doctoral and First-Prof.			Heavy Engineering	10,318
Public	University of Delaware	DE	Doctoral		Yes	Moderate Engineering	19,072
Public	University of Florida	FL	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	45,114
Public	University of Georgia	GA	Doctoral and First-Prof.		Yes	Heavy Life Science	31,288
Public	University of Hawaii - Manoa	HI	Doctoral and First-Prof.	Yes	Yes	Moderate Life and Enviro	17,263
Public	University of Houston - University Park	TX	Doctoral and First-Prof.			Moderate Life and Eng	32,123
Public	University of Idaho	ID	Doctoral and First-Prof.		Yes	Strong Life Science	11,635
Public	University of Illinois - Chicago	IL	Doctoral and First-Prof.	Yes		Heavy Life Science	24,942
Public	University of Illinois - Urbana-Champaign	IL	Doctoral and First-Prof.		Yes	Moderate Engineering	38,465
Public	University of Iowa	IA	Doctoral and First-Prof.	Yes		Heavy Life Science	28,311
Public	University of Kansas - Lawrence	KS	Doctoral and First-Prof.			Moderate Life Science	25,920
Public	University of Kansas Medical Center	KS	Doctoral and First-Prof.	Yes		All Life Science	2,409

National Rankings						Institutional Control Rankings					
2002 No. of Measures in Top 25 Nationally	2002 No. of Measures in Top 26-50 Nationally	2001 No. of Measures in Top 25 Nationally	2001 No. of Measures in Top 26-50 Nationally	2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2002 No. of Measures in Top 25 Privates/Publics	2002 No. of Measures in Top 26-50 Privates/Publics	2001 No. of Measures in Top 25 Privates/Publics	2001 No. of Measures in Top 26-50 Privates/Publics	2000 No. of Measures in Top 25 Privates/Publics	2000 No. of Measures in Top 26-50 Privates/Publics
1	4	1	4	1	6	5	3	5	3	6	2
0	0	0	0	0	1	1	6	0	7	0	6
2	1	2	1	2	3	3	6	3	6	4	5
1	2	1	2	1	2	4	3	3	4	3	4
0	0	0	0	0	0	0	4	0	3	0	4
1	4	0	4	0	3	3	5	4	5	4	5
0	0	0	1	0	2	0	5	0	5	0	7
0	0	0	0	0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	5	0	7	0	7
0	0	0	0	0	1	0	1	0	1	0	2
3	4	3	3	3	4	6	3	6	3	7	2
0	1	0	0	0	0	1	1	0	2	0	0
0	1	0	0	0	1	1	3	1	3	1	3
0	2	0	1	0	2	1	7	2	6	2	5
0	0	0	0	0	1	0	8	0	7	0	7
0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	3	0	1	0	5	1	6	1	6
0	2	1	1	0	3	2	4	2	4	2	4
0	3	0	4	1	3	3	3	4	2	3	2
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
3	4	3	4	3	3	6	2	7	0	6	2
0	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
8	1	8	0	8	1	9	0	9	0	9	0
2	4	1	4	1	4	6	3	5	4	6	3
0	2	0	2	0	2	2	3	2	4	2	3
7	1	7	1	7	1	9	0	9	0	9	0
0	0	0	0	0	0	0	2	0	0	0	2
5	2	5	2	5	2	5	3	6	2	6	2
6	0	6	0	6	0	7	0	7	0	7	0
0	2	0	1	0	3	1	5	1	5	1	5
0	0	0	0	0	0	0	2	0	2	0	3
4	4	5	3	3	4	9	0	9	0	8	1
0	1	0	2	0	3	1	6	1	5	1	5
1	5	0	6	1	5	4	2	4	4	4	4
0	1	0	2	0	1	1	3	1	4	1	4
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	1	0	2	0	1	0	1
0	0	0	0	0	0	0	2	0	2	0	3
0	1	0	0	0	0	1	1	1	2	1	1
3	4	3	4	2	5	8	1	9	0	8	1
0	3	0	2	0	1	3	4	2	5	2	5
0	0	0	0	0	0	0	2	0	3	0	4
0	0	0	0	0	0	0	3	0	4	0	3
0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	3	0	2	1	4	2	3	1	5
5	2	5	1	5	2	9	0	8	1	8	1
0	6	0	5	0	6	7	2	5	4	7	2
0	0	0	1	0	1	1	4	1	4	1	3
0	0	0	0	0	0	0	0	0	0	0	0

Institutional Characteristics and TheCenter Measures		Institutional Characteristics					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Has a Medical School	Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2000
Public	University of Kentucky	KY	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	23,114
Public	University of Maine - Orono	ME	Doctoral		Yes	Moderate Life, Physical & Enviro	10,282
Public	University of Maryland - Baltimore	MD	Doctoral and First-Prof.	Yes		All Life Science	5,337
Public	University of Maryland - Baltimore County	MD	Doctoral			Moderate Engineering	10,759
Public	University of Maryland - College Park	MD	Doctoral and First-Prof.		Yes	Moderate Physical and Eng	33,189
Public	University of Massachusetts - Amherst	MA	Doctoral		Yes	Moderate Life Science	24,416
Public	University of Massachusetts Medical Sch - Worcester	MA	Doctoral and First-Prof.	Yes		All Life Science	664
Public	University of Medicine & Dentistry of New Jersey	NJ	Doctoral and First-Prof.	Yes		All Life Science	4,666
Private	University of Miami	FL	Doctoral and First-Prof.	Yes		Strong Life Science	13,963
Public	University of Michigan - Ann Arbor	MI	Doctoral and First-Prof.	Yes		Strong Life Science	38,103
Public	University of Minnesota - Twin Cities	MN	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	45,481
Public	University of Missouri - Columbia	MO	Doctoral and First-Prof.	Yes	Yes-System	Strong Life Science	23,309
Public	University of Nebraska - Lincoln	NE	Doctoral and First-Prof.		Yes-System	Moderate Life Science	22,268
Public	University of Nevada - Reno	NV	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	13,149
Public	University of New Hampshire - Durham	NH	Doctoral		Yes	Strong Environmental Science	14,689
Public	University of New Mexico - Albuquerque	NM	Doctoral and First-Prof.	Yes		Moderate Life Science	23,670
Public	University of North Carolina - Chapel Hill	NC	Doctoral and First-Prof.	Yes		Heavy Life Science	24,892
Private	University of Notre Dame	IN	Doctoral and First-Prof.			Moderate Physical and Eng	10,800
Public	University of Oklahoma - Norman	OK	Doctoral and First-Prof.			Moderate Environmental Science	24,205
Public	University of Oklahoma Health Sciences Center	OK	Doctoral and First-Prof.	Yes		All Life Science	2,759
Public	University of Oregon	OR	Doctoral and First-Prof.			Moderate Life Science	17,801
Private	University of Pennsylvania	PA	Doctoral and First-Prof.	Yes		Heavy Life Science	21,853
Public	University of Pittsburgh - Pittsburgh	PA	Doctoral and First-Prof.	Yes		Heavy Life Science	26,329
Public	University of Rhode Island	RI	Doctoral and First-Prof.		Yes	Strong Environmental Science	14,362
Private	University of Rochester	NY	Doctoral and First-Prof.	Yes		Strong Life Science	8,071
Public	University of South Carolina - Columbia	SC	Doctoral and First-Prof.	Yes		Moderate Life and Eng	23,728
Public	University of South Florida	FL	Doctoral and First-Prof.	Yes		Strong Life Science	35,561
Private	University of Southern California	CA	Doctoral and First-Prof.	Yes		Moderate Life Science	29,194
Public	University of Tennessee - Knoxville	TN	Doctoral and First-Prof.		Yes	Moderate Life and Eng	25,890
Public	University of Tennessee Health Science Center	TN	Doctoral and First-Prof.	Yes		All Life Science	2,069
Public	University of Texas - Austin	TX	Doctoral and First-Prof.			Moderate Engineering	49,996
Public	University of Texas Health Science Center - Houston	TX	Doctoral and First-Prof.	Yes		All Life Science	3,143
Public	University of Texas Health Science Ctr - San Antonio	TX	Doctoral and First-Prof.	Yes		All Life Science	2,543
Public	University of Texas MD Anderson Cancer Center	TX	Bachelor's	Yes		All Life Science	NR
Public	University of Texas Medical Branch - Galveston	TX	Doctoral and First-Prof.	Yes		All Life Science	1,927
Public	University of Texas SW Medical Center - Dallas	TX	Doctoral and First-Prof.	Yes		All Life Science	1,505
Public	University of Utah	UT	Doctoral and First-Prof.	Yes		Strong Life Science	24,948
Public	University of Vermont	VT	Doctoral and First-Prof.	Yes	Yes	Heavy Life Science	10,118
Public	University of Virginia	VA	Doctoral and First-Prof.	Yes		Strong Life Science	22,411
Public	University of Washington - Seattle	WA	Doctoral and First-Prof.	Yes		Strong Life Science	36,139
Public	University of Wisconsin - Madison	WI	Doctoral and First-Prof.	Yes	Yes	Strong Life Science	40,658
Public	US Naval Postgraduate School	CA	Doctoral			Moderate Engineering	NR
Public	Utah State University	UT	Doctoral		Yes	Strong Engineering	21,490
Private	Vanderbilt University	TN	Doctoral and First-Prof.	Yes		Heavy Life Science	10,092
Public	Virginia Commonwealth University	VA	Doctoral and First-Prof.	Yes		Heavy Life Science	24,066
Public	Virginia Polytechnic Institute and State University	VA	Doctoral and First-Prof.		Yes	Moderate Life and Eng	27,869
Private	Wake Forest University	NC	Doctoral and First-Prof.	Yes		All Life Science	6,173
Public	Washington State University - Pullman	WA	Doctoral and First-Prof.		Yes	Strong Life Science	20,492
Private	Washington University	MO	Doctoral and First-Prof.	Yes		Heavy Life Science	12,118
Public	Wayne State University	MI	Doctoral and First-Prof.	Yes		Heavy Life Science	30,408
Public	West Virginia University	WV	Doctoral and First-Prof.	Yes	Yes	Moderate Life and Eng	21,987
Private	Woods Hole Oceanographic Institution	MA	Doctoral			Heavy Environmental Science	NR
Private	Yale University	CT	Doctoral and First-Prof.	Yes		Heavy Life Science	11,099
Private	Yeshiva University	NY	Doctoral and First-Prof.	Yes		All Life Science	5,814

National Rankings						Institutional Control Rankings					
2002 No. of Measures in Top 25 Nationally	2002 No. of Measures in Top 26-50 Nationally	2001 No. of Measures in Top 25 Nationally	2001 No. of Measures in Top 26-50 Nationally	2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2002 No. of Measures in Top 25 Privates/Publics	2002 No. of Measures in Top 26-50 Privates/Publics	2001 No. of Measures in Top 25 Privates/Publics	2001 No. of Measures in Top 26-50 Privates/Publics	2000 No. of Measures in Top 25 Privates/Publics	2000 No. of Measures in Top 26-50 Privates/Publics
0	1	0	2	0	2	0	7	0	6	0	7
0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	4	0	3	0	4
0	0	0	0	0	0	0	1	0	0	0	0
1	4	1	3	1	3	6	3	5	4	5	4
0	1	0	1	0	1	0	3	0	3	0	3
0	0	0	0	0	0	0	1	0	2	0	1
0	0	0	0	0	0	0	2	0	2	0	1
0	1	0	2	0	3	3	3	4	1	3	4
8	0	8	0	8	0	9	0	9	0	9	0
8	0	8	0	8	0	8	1	8	1	8	1
0	1	0	0	0	1	0	7	0	7	0	6
0	0	0	0	1	1	1	2	1	2	2	2
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	1	0	2
5	3	5	3	5	2	9	0	9	0	9	0
1	2	1	2	1	3	3	6	3	6	3	6
0	0	0	0	0	0	0	3	0	2	0	3
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	1	0	3
8	1	9	0	9	0	9	0	9	0	9	0
2	5	2	4	2	3	7	2	6	2	6	2
0	0	0	0	0	0	0	0	0	0	0	0
0	6	0	6	0	5	6	3	7	2	6	2
0	0	0	0	0	1	0	5	0	3	0	3
0	0	0	0	0	0	0	1	0	1	0	1
6	2	7	1	7	1	8	0	8	0	8	0
0	0	0	1	0	1	0	3	0	3	0	2
0	0	0	0	0	0	0	0	0	0	0	0
4	3	5	2	4	4	7	2	7	2	7	2
0	0	0	0	0	0	0	2	0	3	0	3
0	0	0	0	0	0	0	1	0	1	0	0
0	0	0	1	1	0	0	4	1	4	1	4
0	0	0	1	0	1	0	2	1	1	1	1
1	4	0	4	2	2	4	3	4	3	4	3
0	5	0	5	0	5	3	4	5	3	5	2
0	0	0	0	0	0	0	0	0	0	0	0
3	4	3	4	1	6	7	2	8	1	7	2
7	1	7	0	7	0	8	1	8	1	8	1
7	1	7	1	7	1	9	0	8	1	8	1
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
1	4	2	3	3	3	8	0	7	1	7	2
0	0	0	0	0	0	0	0	0	1	0	2
0	2	0	2	0	1	0	7	0	7	1	6
0	0	0	1	0	1	0	7	0	6	0	7
0	0	0	0	0	0	0	3	0	4	0	2
6	2	6	2	5	3	8	1	8	1	8	1
0	0	0	0	0	1	0	2	0	3	0	5
0	0	0	0	0	0	0	0	0	1	0	1
0	0	0	0	0	0	0	3	0	3	0	3
7	2	6	2	6	1	9	0	9	0	9	0
1	1	1	0	0	2	4	4	2	6	2	6

Student Characteristics		Fall 2000 Headcount Enrollment						
Institutions with Over \$20 Million in Federal Research, Alphabetically		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	Total First-Professional Students	%
Public	Arizona State University - Tempe	44,126	33,985	77.0%	9,634	21.8%	507	1.1%
Public	Auburn University - Auburn	21,860	18,326	83.8%	2,810	12.9%	724	3.3%
Private	Baylor College of Medicine	1,192	0	0.0%	524	44.0%	668	56.0%
Private	Boston University	28,318	17,819	62.9%	8,491	30.0%	2,008	7.1%
Private	Brandeis University	4,753	3,169	66.7%	1,584	33.3%	0	0.0%
Private	Brown University	7,723	6,029	78.1%	1,367	17.7%	327	4.2%
Private	California Institute of Technology	1,968	929	47.2%	1,039	52.8%	0	0.0%
Private	Carnegie Mellon University	8,514	5,224	61.4%	3,290	38.6%	0	0.0%
Private	Case Western Reserve University	9,304	3,434	36.9%	4,400	47.3%	1,470	15.8%
Private	Charles R. Drew University of Medicine and Science	99	91	91.9%	8	8.1%	0	0.0%
Public	Clemson University	17,465	14,066	80.5%	3,399	19.5%	0	0.0%
Public	Colorado State University	26,807	20,728	77.3%	5,549	20.7%	530	2.0%
Private	Columbia University	19,639	6,623	33.7%	10,947	55.7%	2,069	10.5%
Private	Cornell University	20,843	14,734	70.7%	4,851	23.3%	1,258	6.0%
Private	Dartmouth College	5,386	4,057	75.3%	1,058	19.6%	271	5.0%
Private	Duke University	12,192	6,325	51.9%	4,234	34.7%	1,633	13.4%
Private	Emory University	11,398	6,316	55.4%	3,491	30.6%	1,591	14.0%
Public	Florida International University	31,945	26,222	82.1%	5,723	17.9%	0	0.0%
Public	Florida State University	33,971	27,021	79.5%	6,229	18.3%	721	2.1%
Public	George Mason University	23,408	15,185	64.9%	7,529	32.2%	694	3.0%
Private	George Washington University	20,527	8,837	43.1%	9,566	46.6%	2,124	10.3%
Private	Georgetown University	12,427	6,418	51.6%	3,298	26.5%	2,711	21.8%
Public	Georgia Institute of Technology	14,805	10,745	72.6%	4,060	27.4%	0	0.0%
Private	Harvard University	24,279	9,884	40.7%	11,694	48.2%	2,701	11.1%
Private	Howard University	10,010	6,569	65.6%	1,814	18.1%	1,627	16.3%
Public	Indiana University - Bloomington	37,076	29,383	79.3%	6,782	18.3%	911	2.5%
Public	Indiana University-Purdue University - Indianapolis	27,525	20,211	73.4%	4,940	17.9%	2,374	8.6%
Public	Iowa State University	26,845	22,087	82.3%	4,364	16.3%	394	1.5%
Private	Johns Hopkins University	17,774	5,278	29.7%	12,026	67.7%	470	2.6%
Public	Kansas State University	21,929	18,252	83.2%	3,277	14.9%	400	1.8%
Public	Louisiana State University - Baton Rouge	31,527	26,121	82.9%	4,429	14.0%	977	3.1%
Public	Louisiana State University Health Sciences Center	2,720	767	28.2%	639	23.5%	1,314	48.3%
Private	Loyola University Chicago	12,605	7,141	56.7%	4,212	33.4%	1,252	9.9%
Private	Massachusetts Institute of Technology	10,090	4,258	42.2%	5,832	57.8%	NR	
Private	MCP Hahnemann University	2,500	591	23.6%	918	36.7%	991	39.6%
Private	Medical College of Wisconsin	1,181	0	0.0%	387	32.8%	794	67.2%
Public	Medical University of South Carolina	2,346	406	17.3%	936	39.9%	1,004	42.8%
Public	Michigan State University	43,366	34,342	79.2%	7,657	17.7%	1,367	3.2%
Public	Mississippi State University	16,561	13,307	80.4%	3,064	18.5%	190	1.1%
Public	Montana State University - Bozeman	11,666	10,441	89.5%	1,225	10.5%	0	0.0%
Private	Mount Sinai School of Medicine	609	0	0.0%	609	100.0%	NR	
Public	New Mexico State University - Las Cruces	14,958	12,453	83.3%	2,505	16.7%	0	0.0%
Private	New York University	37,150	18,628	50.1%	15,152	40.8%	3,370	9.1%
Public	North Carolina State University	28,619	21,990	76.8%	6,335	22.1%	294	1.0%
Private	Northeastern University	23,897	19,588	82.0%	3,711	15.5%	598	2.5%
Private	Northwestern University	16,952	9,013	53.2%	6,449	38.0%	1,490	8.8%
Public	Ohio State University - Columbus	47,952	35,749	74.6%	9,382	19.6%	2,821	5.9%
Public	Oklahoma State University - Stillwater	18,676	16,574	88.7%	1,809	9.7%	293	1.6%
Public	Oregon Health & Science University	1,905	623	32.7%	605	31.8%	677	35.5%
Public	Oregon State University	16,758	13,766	82.1%	2,765	16.5%	227	1.4%
Public	Pennsylvania State University - Hershey Medical Ctr	644	0	0.0%	193	30.0%	451	70.0%
Public	Pennsylvania State University - University Park	40,571	34,406	84.8%	6,165	15.2%	0	0.0%
Private	Princeton University	6,547	4,663	71.2%	1,884	28.8%	0	0.0%

Fall 2000 Part-Time Enrollment				2000-2001 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Percentage of First-Professionals Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
25.7%	16.2%	9.6%	0.0%	0	6,285	2,179	277	153
16.1%	9.5%	6.5%	0.1%	0	3,875	709	153	169
0.0%	0.0%	0.0%	0.0%	0	0	44	51	169
18.5%	7.1%	11.3%	0.1%	8	3,506	2,960	304	589
9.8%	0.6%	9.2%	0.0%	0	811	351	104	0
5.6%	4.3%	1.2%	0.2%	0	1,462	269	135	80
0.0%	0.0%	0.0%	0.0%	0	204	121	159	0
11.7%	2.5%	9.2%	0.0%	0	1,212	1,221	169	0
27.5%	3.0%	24.3%	0.1%	0	729	1,252	201	403
51.5%	44.4%	7.1%	0.0%	81	18	0	0	0
13.8%	4.5%	9.3%	0.0%	0	2,726	935	110	0
24.9%	11.2%	13.6%	0.2%	0	3,860	948	157	131
13.5%	4.2%	9.3%	0.0%	22	1,623	4,518	465	615
5.4%	5.3%	0.1%	0.0%	433	3,609	1,467	470	350
2.3%	1.0%	1.3%	0.0%	0	1,112	347	50	64
4.0%	0.6%	3.2%	0.1%	0	1,685	1,084	259	470
8.3%	1.3%	5.8%	1.3%	284	1,422	932	167	449
47.6%	36.2%	11.4%	0.0%	0	4,000	1,478	69	0
19.3%	11.4%	7.9%	0.0%	113	5,470	1,514	252	222
47.6%	19.0%	27.1%	1.5%	0	2,997	1,765	138	203
35.7%	5.1%	29.5%	1.2%	339	1,678	2,790	192	602
10.1%	1.8%	7.5%	0.8%	6	1,619	1,357	71	796
10.6%	5.8%	4.8%	0.0%	0	2,035	1,080	255	0
25.2%	11.6%	13.5%	0.1%	10	2,169	3,198	520	800
11.8%	4.7%	6.2%	0.9%	34	1,124	362	96	389
14.2%	6.3%	7.7%	0.2%	206	5,204	1,620	404	284
46.3%	31.1%	14.2%	1.0%	837	2,076	941	38	621
14.3%	6.8%	7.5%	0.0%	0	4,030	772	232	97
49.6%	4.4%	45.2%	0.0%	23	1,652	3,090	384	116
20.2%	11.3%	8.9%	0.0%	112	3,280	699	145	100
14.7%	9.0%	5.6%	0.0%	0	4,025	994	264	304
13.4%	6.8%	6.4%	0.2%	18	312	145	29	325
36.9%	17.0%	18.6%	1.3%	0	1,318	1,160	118	355
3.1%	0.6%	2.5%	0.0%	0	1,183	1,565	492	0
19.7%	10.1%	9.6%	0.0%	21	186	224	24	244
21.1%	0.0%	21.1%	0.0%	0	0	66	16	190
12.7%	4.6%	7.9%	0.2%	0	197	274	32	227
17.8%	10.2%	7.5%	0.1%	220	6,959	1,796	414	311
19.1%	10.0%	9.1%	0.0%	0	2,345	785	99	48
18.1%	11.9%	6.1%	0.0%	0	1,668	326	30	0
0.0%	0.0%	0.0%	0.0%	0	0	15	21	118
26.3%	18.0%	8.3%	0.0%	55	1,827	554	79	0
28.2%	5.7%	22.4%	0.1%	735	4,139	5,374	368	1,020
26.7%	14.5%	12.2%	0.0%	145	3,826	1,189	306	70
31.6%	24.8%	6.8%	0.0%	179	2,659	1,290	77	251
19.2%	8.5%	10.6%	0.1%	21	2,001	2,332	350	434
18.1%	10.4%	7.3%	0.4%	356	7,314	2,320	620	667
15.2%	9.5%	5.7%	0.0%	10	2,978	874	236	77
19.0%	7.7%	10.7%	0.6%	24	285	79	21	168
13.3%	8.0%	5.0%	0.2%	0	2,709	591	161	42
2.3%	0.0%	2.3%	0.0%	0	0	12	10	98
9.3%	4.6%	4.7%	0.0%	5,036	8,997	1,165	526	0
1.7%	1.7%	0.0%	0.0%	0	1,086	348	268	0

Student Characteristics		Fall 2000 Headcount Enrollment						
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	Total First-Professional Students	%
Public	Purdue University - West Lafayette	39,667	32,669	82.4%	6,146	15.5%	852	2.1%
Private	Rensselaer Polytechnic Institute	8,022	5,167	64.4%	2,855	35.6%	0	0.0%
Private	Rice University	4,205	2,692	64.0%	1,513	36.0%	0	0.0%
Private	Rockefeller University	151	0	0.0%	151	100.0%	0	0.0%
Private	Rush University	1,282	177	13.8%	619	48.3%	486	37.9%
Public	Rutgers the State University of NJ - New Brunswick	35,236	27,938	79.3%	7,098	20.1%	200	0.6%
Private	Saint Louis University - St. Louis	13,847	9,821	70.9%	2,657	19.2%	1,369	9.9%
Public	San Diego State University	31,609	25,658	81.2%	5,951	18.8%	0	0.0%
Private	Stanford University	18,549	7,886	42.5%	9,633	51.9%	1,030	5.6%
Public	State Univ. of New York Health Science Ctr - Brooklyn	1,470	398	27.1%	297	20.2%	775	52.7%
Private	Syracuse University	18,186	12,386	68.1%	5,020	27.6%	780	4.3%
Public	Temple University	28,355	18,394	64.9%	6,844	24.1%	3,117	11.0%
Public	Texas A&M University	44,026	36,229	82.3%	7,291	16.6%	506	1.1%
Public	Texas Tech University	24,558	20,518	83.5%	3,389	13.8%	651	2.7%
Private	Thomas Jefferson University	2,256	769	34.1%	591	26.2%	896	39.7%
Private	Tufts University	9,106	4,886	53.7%	2,585	28.4%	1,635	18.0%
Private	Tulane University	11,652	7,353	63.1%	2,701	23.2%	1,598	13.7%
Public	University at Albany	16,751	11,780	70.3%	4,971	29.7%	0	0.0%
Public	University at Buffalo	24,830	16,683	67.2%	6,310	25.4%	1,837	7.4%
Public	University at Stony Brook	19,924	13,257	66.5%	6,098	30.6%	569	2.9%
Public	University of Alabama - Birmingham	14,951	10,331	69.1%	3,641	24.4%	979	6.5%
Public	University of Alabama - Huntsville	6,563	5,220	79.5%	1,343	20.5%	0	0.0%
Public	University of Alaska - Fairbanks	7,132	6,359	89.2%	773	10.8%	0	0.0%
Public	University of Arizona	34,488	26,404	76.6%	6,975	20.2%	1,109	3.2%
Public	University of Arkansas - Fayetteville	15,346	12,502	81.5%	2,489	16.2%	355	2.3%
Public	University of Arkansas for Medical Sciences	1,855	599	32.3%	374	20.2%	882	47.5%
Public	University of California - Berkeley	31,277	22,678	72.5%	7,628	24.4%	971	3.1%
Public	University of California - Davis	26,094	20,388	78.1%	4,366	16.7%	1,340	5.1%
Public	University of California - Irvine	20,211	16,223	80.3%	3,594	17.8%	394	1.9%
Public	University of California - Los Angeles	36,890	25,011	67.8%	10,072	27.3%	1,807	4.9%
Public	University of California - Riverside	13,015	11,436	87.9%	1,579	12.1%	NR	
Public	University of California - San Diego	20,197	16,496	81.7%	3,225	16.0%	476	2.4%
Public	University of California - San Francisco	3,517	93	2.6%	2,008	57.1%	1,416	40.3%
Public	University of California - Santa Barbara	19,962	17,538	87.9%	2,424	12.1%	0	0.0%
Public	University of California - Santa Cruz	12,144	11,075	91.2%	1,069	8.8%	0	0.0%
Private	University of Chicago	12,531	4,008	32.0%	7,468	59.6%	1,055	8.4%
Public	University of Cincinnati - Cincinnati	27,327	20,039	73.3%	6,277	23.0%	1,011	3.7%
Public	University of Colorado - Boulder	29,352	23,612	80.4%	5,260	17.9%	480	1.6%
Public	University of Colorado Health Sciences Center	2,399	411	17.1%	994	41.4%	994	41.4%
Public	University of Connecticut - Health Center	486	0	0.0%	0	0.0%	486	100.0%
Public	University of Connecticut - Storrs	19,393	13,251	68.3%	5,513	28.4%	629	3.2%
Private	University of Dayton	10,318	7,138	69.2%	2,729	26.4%	451	4.4%
Public	University of Delaware	19,072	16,110	84.5%	2,962	15.5%	0	0.0%
Public	University of Florida	45,114	32,680	72.4%	9,309	20.6%	3,125	6.9%
Public	University of Georgia	31,288	24,213	77.4%	5,709	18.2%	1,366	4.4%
Public	University of Hawaii - Manoa	17,263	11,721	67.9%	5,542	32.1%	NR	
Public	University of Houston - University Park	32,123	24,350	75.8%	6,198	19.3%	1,575	4.9%
Public	University of Idaho	11,635	8,759	75.3%	2,571	22.1%	305	2.6%
Public	University of Illinois - Chicago	24,942	16,140	64.7%	6,591	26.4%	2,211	8.9%
Public	University of Illinois - Urbana-Champaign	38,465	28,414	73.9%	9,052	23.5%	999	2.6%
Public	University of Iowa	28,311	19,284	68.1%	6,266	22.1%	2,761	9.8%
Public	University of Kansas - Lawrence	25,920	19,698	76.0%	5,730	22.1%	492	1.9%
Public	University of Kansas Medical Center	2,409	452	18.8%	1,249	51.8%	708	29.4%

Fall 2000 Part-Time Enrollment				2000-2001 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Percentage of First-Professionals Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
13.5%	8.6%	4.8%	0.0%	813	5,623	1,285	464	184
17.6%	0.8%	16.8%	0.0%	0	1,041	743	100	0
1.8%	0.9%	0.9%	0.0%	0	723	383	126	0
0.0%	0.0%	0.0%	0.0%	0	0	NR	15	0
34.0%	1.1%	32.9%	0.0%	0	77	119	38	111
21.0%	8.2%	12.7%	0.1%	0	5,493	1,352	392	91
42.5%	28.7%	12.4%	1.4%	38	1,387	677	144	355
30.0%	20.3%	9.7%	0.0%	0	5,083	1,539	27	0
31.7%	8.3%	22.7%	0.7%	0	1,676	2,086	573	277
26.9%	13.1%	13.8%	0.0%	3	212	59	14	190
20.8%	5.7%	15.0%	0.2%	10	2,590	1,565	121	264
30.8%	12.3%	17.3%	1.1%	5	3,193	1,360	238	743
10.8%	6.3%	4.5%	0.0%	0	7,493	1,510	509	125
14.1%	8.8%	5.3%	0.0%	0	3,617	824	139	190
30.4%	16.1%	14.3%	0.0%	4	296	145	11	216
8.5%	0.6%	7.9%	0.1%	0	1,330	735	88	415
20.0%	14.2%	5.7%	0.1%	37	1,290	1,055	125	490
24.6%	6.6%	17.9%	0.0%	0	2,315	1,003	129	0
20.6%	8.3%	12.2%	0.1%	16	3,037	1,579	294	502
24.8%	6.6%	18.1%	0.0%	0	2,509	1,509	231	120
30.5%	21.9%	8.6%	0.0%	0	1,671	1,106	121	246
44.2%	31.1%	13.2%	0.0%	0	652	317	30	0
49.0%	45.3%	3.7%	0.0%	300	448	125	27	0
21.7%	13.7%	7.9%	0.0%	0	4,921	1,274	359	311
21.4%	12.2%	9.2%	0.0%	0	1,935	746	90	102
19.4%	9.1%	10.0%	0.3%	52	208	84	21	282
8.3%	5.2%	3.1%	0.0%	0	5,862	1,638	759	342
10.8%	9.5%	1.2%	0.0%	0	4,606	628	337	360
5.5%	3.5%	2.0%	0.0%	0	3,459	704	187	83
4.3%	3.1%	1.2%	0.0%	0	6,309	2,343	612	556
10.3%	9.6%	0.7%	0.0%	0	1,872	229	94	0
5.0%	4.1%	0.9%	0.0%	0	3,769	581	285	137
0.0%	0.0%	0.0%	0.0%	0	37	199	93	345
4.5%	3.8%	0.7%	0.0%	0	4,729	439	258	0
5.1%	4.5%	0.6%	0.0%	0	2,541	189	104	0
17.4%	0.6%	16.8%	0.0%	0	989	2,058	371	330
29.8%	19.6%	10.2%	0.0%	395	2,913	1,322	248	295
21.9%	9.1%	12.8%	0.0%	0	4,578	989	292	144
39.6%	1.4%	33.5%	4.7%	0	208	181	40	214
1.2%	0.0%	0.0%	1.2%	0	0	0	0	114
20.5%	4.8%	14.5%	1.1%	17	2,837	1,267	234	217
23.6%	5.1%	18.5%	0.0%	0	1,399	737	28	145
11.0%	6.8%	4.2%	0.0%	11	3,193	726	162	0
13.2%	7.2%	5.1%	1.0%	334	7,663	2,470	574	838
14.8%	8.6%	6.1%	0.1%	0	4,871	1,310	351	320
29.4%	11.8%	17.5%	0.0%	0	2,396	921	154	132
34.3%	23.3%	10.0%	1.0%	0	3,409	1,276	209	528
25.1%	10.8%	14.2%	0.1%	0	1,477	501	64	93
19.9%	8.4%	11.3%	0.2%	0	3,174	1,692	195	468
9.1%	2.8%	6.2%	0.2%	10	6,250	2,184	667	266
20.3%	8.4%	11.6%	0.2%	43	3,696	1,259	334	558
21.2%	7.9%	13.2%	0.1%	0	3,429	1,256	231	247
15.8%	2.4%	13.4%	0.0%	0	244	182	17	159

Student Characteristics		Fall 2000 Headcount Enrollment						
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	Total First- Professional Students	%
Public	University of Kentucky	23,114	16,897	73.1%	4,837	20.9%	1,380	6.0%
Public	University of Maine - Orono	10,282	8,220	79.9%	2,062	20.1%	0	0.0%
Public	University of Maryland - Baltimore	5,337	750	14.1%	2,201	41.2%	2,386	44.7%
Public	University of Maryland - Baltimore County	10,759	9,101	84.6%	1,658	15.4%	0	0.0%
Public	University of Maryland - College Park	33,189	24,638	74.2%	8,432	25.4%	119	0.4%
Public	University of Massachusetts - Amherst	24,416	19,061	78.1%	5,355	21.9%	0	0.0%
Public	University of Massachusetts Medical Sch - Worcester	664	0	0.0%	257	38.7%	407	61.3%
Public	University of Medicine & Dentistry of New Jersey	4,666	829	17.8%	1,909	40.9%	1,928	41.3%
Private	University of Miami	13,963	8,955	64.1%	3,246	23.2%	1,762	12.6%
Public	University of Michigan - Ann Arbor	38,103	24,412	64.1%	11,386	29.9%	2,305	6.0%
Public	University of Minnesota - Twin Cities	45,481	31,824	70.0%	11,031	24.3%	2,626	5.8%
Public	University of Missouri - Columbia	23,309	18,058	77.5%	4,096	17.6%	1,155	5.0%
Public	University of Nebraska - Lincoln	22,268	17,968	80.7%	3,925	17.6%	375	1.7%
Public	University of Nevada - Reno	13,149	10,134	77.1%	2,807	21.3%	208	1.6%
Public	University of New Hampshire - Durham	14,689	11,899	81.0%	2,790	19.0%	0	0.0%
Public	University of New Mexico - Albuquerque	23,670	16,414	69.3%	6,252	26.4%	1,004	4.2%
Public	University of North Carolina - Chapel Hill	24,892	15,608	62.7%	6,995	28.1%	2,289	9.2%
Private	University of Notre Dame	10,800	8,038	74.4%	2,174	20.1%	588	5.4%
Public	University of Oklahoma - Norman	24,205	17,771	73.4%	5,915	24.4%	519	2.1%
Public	University of Oklahoma Health Sciences Center	2,759	601	21.8%	729	26.4%	1,429	51.8%
Public	University of Oregon	17,801	14,076	79.1%	3,227	18.1%	498	2.8%
Private	University of Pennsylvania	21,853	11,686	53.5%	7,925	36.3%	2,242	10.3%
Public	University of Pittsburgh - Pittsburgh	26,329	17,424	66.2%	7,058	26.8%	1,847	7.0%
Public	University of Rhode Island	14,362	10,647	74.1%	3,329	23.2%	386	2.7%
Private	University of Rochester	8,071	4,480	55.5%	3,181	39.4%	410	5.1%
Public	University of South Carolina - Columbia	23,728	15,266	64.3%	7,288	30.7%	1,174	4.9%
Public	University of South Florida	35,561	27,384	77.0%	7,795	21.9%	382	1.1%
Private	University of Southern California	29,194	15,705	53.8%	10,922	37.4%	2,567	8.8%
Public	University of Tennessee - Knoxville	25,890	20,009	77.3%	5,168	20.0%	713	2.8%
Public	University of Tennessee Health Science Center	2,069	150	7.2%	545	26.3%	1,374	66.4%
Public	University of Texas - Austin	49,996	38,162	76.3%	10,194	20.4%	1,640	3.3%
Public	University of Texas Health Science Center - Houston	3,143	264	8.4%	1,822	58.0%	1,057	33.6%
Public	University of Texas Health Science Ctr - San Antonio	2,543	762	30.0%	599	23.6%	1,182	46.5%
Public	University of Texas MD Anderson Cancer Center	NR						
Public	University of Texas Medical Branch - Galveston	1,927	653	33.9%	464	24.1%	810	42.0%
Public	University of Texas SW Medical Center - Dallas	1,505	239	15.9%	442	29.4%	824	54.8%
Public	University of Utah	24,948	19,718	79.0%	4,412	17.7%	818	3.3%
Public	University of Vermont	10,118	8,618	85.2%	1,120	11.1%	380	3.8%
Public	University of Virginia	22,411	13,712	61.2%	7,092	31.6%	1,607	7.2%
Public	University of Washington - Seattle	36,139	25,987	71.9%	8,428	23.3%	1,724	4.8%
Public	University of Wisconsin - Madison	40,658	29,697	73.0%	8,579	21.1%	2,382	5.9%
Public	US Naval Postgraduate School	NR						
Public	Utah State University	21,490	17,903	83.3%	3,587	16.7%	0	0.0%
Private	Vanderbilt University	10,092	5,935	58.8%	2,998	29.7%	1,159	11.5%
Public	Virginia Commonwealth University	24,066	16,505	68.6%	6,164	25.6%	1,397	5.8%
Public	Virginia Polytechnic Institute and State University	27,869	21,428	76.9%	6,092	21.9%	349	1.3%
Private	Wake Forest University	6,173	4,086	66.2%	1,193	19.3%	894	14.5%
Public	Washington State University - Pullman	20,492	16,839	82.2%	2,989	14.6%	664	3.2%
Private	Washington University	12,118	6,695	55.2%	4,324	35.7%	1,099	9.1%
Public	Wayne State University	30,408	18,093	59.5%	9,575	31.5%	2,740	9.0%
Public	West Virginia University	21,987	15,463	70.3%	5,307	24.1%	1,217	5.5%
Private	Woods Hole Oceanographic Institution	NR						
Private	Yale University	11,099	5,351	48.2%	4,469	40.3%	1,279	11.5%
Private	Yeshiva University	5,814	2,744	47.2%	1,411	24.3%	1,659	28.5%

Fall 2000 Part-Time Enrollment				2000-2001 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Percentage of First-Professionals Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
18.4%	7.9%	10.2%	0.3%	0	3,239	1,055	219	375
26.8%	16.0%	10.9%	0.0%	0	1,216	437	41	0
27.5%	5.5%	18.5%	3.5%	0	303	695	72	585
25.3%	17.0%	8.3%	0.0%	31	1,606	282	50	0
18.9%	8.1%	10.8%	0.0%	75	5,321	1,660	430	28
19.3%	6.2%	13.1%	0.0%	71	4,054	1,016	261	0
6.5%	0.0%	6.5%	0.0%	0	3	32	22	94
18.2%	4.4%	13.7%	0.0%	141	117	344	69	462
10.8%	5.6%	4.8%	0.5%	0	1,750	1,273	109	451
10.2%	3.8%	6.4%	0.0%	0	5,629	3,055	567	650
33.1%	19.9%	12.9%	0.3%	0	4,786	2,338	632	670
12.9%	4.6%	8.2%	0.1%	0	3,716	1,040	278	315
17.9%	9.0%	8.9%	0.0%	3	2,997	767	235	120
34.4%	20.7%	13.7%	0.0%	0	1,390	435	60	50
23.1%	10.5%	12.6%	0.0%	179	2,248	609	43	0
33.5%	16.1%	17.2%	0.2%	8	2,548	1,065	174	249
16.5%	3.6%	12.6%	0.3%	10	3,407	1,676	398	598
2.5%	0.2%	2.3%	0.0%	0	1,954	701	132	203
26.9%	10.2%	16.7%	0.0%	0	2,738	1,467	158	182
18.0%	3.6%	14.4%	0.0%	0	315	242	18	231
14.3%	8.4%	5.9%	0.0%	0	3,219	786	156	149
18.9%	9.1%	9.7%	0.1%	4	2,612	2,292	373	657
20.9%	9.5%	11.3%	0.0%	278	3,443	1,823	360	549
29.4%	13.1%	16.0%	0.3%	0	1,803	491	95	73
17.4%	2.9%	14.5%	0.0%	0	993	866	196	85
27.5%	11.5%	15.9%	0.1%	14	3,219	1,931	235	344
43.1%	29.0%	14.0%	0.0%	141	4,812	1,707	158	90
13.8%	2.2%	11.5%	0.0%	0	3,832	2,995	522	692
16.0%	8.3%	7.7%	0.0%	0	3,722	1,687	239	202
3.9%	0.0%	3.5%	0.4%	0	97	91	35	326
11.6%	9.3%	2.2%	0.1%	0	7,655	2,544	733	578
27.4%	0.6%	26.8%	0.0%	39	95	322	75	241
15.3%	8.1%	7.2%	0.0%	131	312	117	36	315
NR				3	36	0	0	0
17.3%	10.7%	6.3%	0.3%	0	348	91	29	177
7.0%	5.4%	1.6%	0.0%	0	103	57	42	203
33.7%	27.0%	6.6%	0.0%	0	3,399	1,139	192	231
20.6%	14.5%	6.0%	0.0%	15	1,725	316	60	89
19.9%	4.6%	15.3%	0.0%	0	3,221	1,444	316	487
15.5%	10.5%	4.8%	0.3%	0	6,328	2,103	486	489
12.4%	7.7%	4.3%	0.5%	0	6,229	1,907	661	610
NR				NR	NR	NR	NR	NR
39.0%	27.5%	11.5%	0.0%	77	2,644	771	66	0
4.4%	0.7%	3.5%	0.3%	0	1,302	884	192	334
36.0%	20.6%	15.3%	0.1%	0	2,342	1,279	104	355
12.1%	2.5%	9.6%	0.0%	32	4,699	1,359	268	88
6.0%	1.0%	5.0%	0.0%	0	901	462	25	261
19.1%	13.2%	5.8%	0.1%	0	4,112	737	149	169
15.9%	6.8%	8.9%	0.1%	0	1,412	1,284	175	326
54.3%	30.0%	22.3%	2.0%	0	2,242	2,651	230	419
16.8%	3.7%	13.0%	0.2%	0	2,808	1,434	130	316
NR				NR	NR	NR	NR	NR
1.4%	0.3%	0.8%	0.2%	0	1,320	1,511	313	346
11.3%	1.0%	9.9%	0.4%	233	541	290	115	496

Part III

The Top 200 Institutions

The following tables list the top 200 universities and colleges on each of the nine performance measures, along with National Merit and Achievement Scholars. (The Source Notes section provides detailed information on each of the 10 data elements.) Unlike the previous tables in Parts I and II, this section includes data for all academic institutions regardless of their federal research activity level.

TheCenter provides each institution's rank nationally among all universities as well as its rank by institutional control (i.e., rank among private or public peers). In cases where several institutions tie for last place, we use a different cutoff point. For National Academy members, we list all institutions with at least one National Academy member among their faculty (a total of 187 institutions). In the case of faculty awards, we limit institutions to those with at least three faculty awards (which, this year, happens to be exactly 200 institutions). Tables in this section include:

- **2000 Total Research Expenditures**
- **2000 Federal Research Expenditures**
- **2001 Endowment Assets**
- **2001 Annual Giving**
- **2001 National Academy Membership**
- **2001 Faculty Awards**
- **2001 Doctorates Granted**
- **2000 Postdoctoral Appointees**
- **2000 SAT Scores**
- **2001 National Merit and Achievement Scholars**

Data found in these tables may not always match the figures published by the original source. *TheCenter* makes adjustments, when necessary, to ensure that the data reflect the activity at a single campus rather than that of a multiple-campus institution or state university system. When data are missing from the original source, *TheCenter* may substitute another figure if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

TheCenter presents these tables, along with the prior years' top 200, as Microsoft Excel spreadsheets on-line at [<http://thecenter.ufl.edu>].

The Top 200 Institutions – Total Research Expenditures (2000)

Top 50 Institutions in Total Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	901,156	1	1	Private
University of Wisconsin - Madison	554,361	2	1	Public
University of Michigan - Ann Arbor	551,556	3	2	Public
University of California - Los Angeles	530,826	4	3	Public
University of Washington - Seattle	529,342	5	4	Public
University of California - San Diego	518,559	6	5	Public
University of California - Berkeley	518,514	7	6	Public
Stanford University	454,780	8	2	Private
University of California - San Francisco	443,013	9	7	Public
University of Pennsylvania	430,389	10	3	Private
Massachusetts Institute of Technology	426,299	11	4	Private
University of Minnesota - Twin Cities	411,380	12	8	Public
Cornell University	410,393	13	5	Private
Texas A&M University	397,268	14	9	Public
University of Illinois - Urbana-Champaign	373,024	15	10	Public
Pennsylvania State University - University Park	371,990	16	11	Public
University of California - Davis	364,789	17	12	Public
Washington University	362,216	18	6	Private
Ohio State University - Columbus	361,399	19	13	Public
Duke University	356,625	20	7	Private
University of Arizona	345,090	21	14	Public
Harvard University	341,810	22	8	Private
Baylor College of Medicine	334,175	23	9	Private
Columbia University	319,693	24	10	Private
University of Florida	313,692	25	15	Public
Georgia Institute of Technology	304,511	26	16	Public
University of Southern California	300,445	27	11	Private
Yale University	296,706	28	12	Private
University of Pittsburgh - Pittsburgh	294,809	29	17	Public
North Carolina State University	277,946	30	18	Public
University of Texas - Austin	272,811	31	19	Public
University of North Carolina - Chapel Hill	269,072	32	20	Public
University of Georgia	258,476	33	21	Public
University of Maryland - College Park	252,429	34	22	Public
Northwestern University	245,774	35	13	Private
University of Iowa	236,944	36	23	Public
Purdue University - West Lafayette	234,536	37	24	Public
University of Alabama - Birmingham	233,461	38	25	Public
Michigan State University	227,734	39	26	Public
University of Maryland - Baltimore	224,346	40	27	Public
California Institute of Technology	222,666	41	14	Private
University of Colorado - Boulder	207,973	42	28	Public
Emory University	206,070	43	15	Private
University of Kentucky	202,392	44	29	Public
Rutgers the State University of NJ - New Brunswick	200,489	45	30	Public
University of Rochester	197,335	46	16	Private
University of Illinois - Chicago	195,839	47	31	Public
Case Western Reserve University	193,057	48	17	Private
Virginia Polytechnic Institute and State University	192,672	49	32	Public
University of Texas SW Medical Center - Dallas	189,216	50	33	Public

The Top 200 Institutions – Total Research Expenditures (2000), continued

Top 51-100 Institutions in Total Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University at Buffalo	187,692	51	34	Public
University of Utah	187,661	52	35	Public
New York University	182,205	53	18	Private
University of Texas MD Anderson Cancer Center	182,196	54	36	Public
Iowa State University	175,558	55	37	Public
University of Virginia	174,522	56	38	Public
Louisiana State University - Baton Rouge	173,351	57	39	Public
University of Cincinnati - Cincinnati	172,085	58	40	Public
Vanderbilt University	171,926	59	19	Private
University of Chicago	170,678	60	20	Private
University at Stony Brook	163,307	61	41	Public
University of Hawaii - Manoa	161,300	62	42	Public
University of Missouri - Columbia	158,861	63	43	Public
University of California - Irvine	158,437	64	44	Public
Wayne State University	156,814	65	45	Public
Boston University	154,029	66	21	Private
Colorado State University	152,279	67	46	Public
Mount Sinai School of Medicine	149,846	68	22	Private
University of Miami	145,795	69	23	Private
University of South Florida	145,397	70	47	Public
University of Colorado Health Sciences Center	142,454	71	48	Public
University of Medicine & Dentistry of New Jersey	140,951	72	49	Public
Oregon State University	140,751	73	50	Public
Yeshiva University	139,618	74	24	Private
Carnegie Mellon University	137,980	75	25	Private
Indiana University-Purdue University - Indianapolis	136,642	76	51	Public
University of Nebraska - Lincoln	136,023	77	52	Public
Princeton University	134,875	78	26	Private
University of New Mexico - Albuquerque	133,980	79	53	Public
Georgetown University	133,211	80	27	Private
Mississippi State University	132,503	81	54	Public
Oregon Health & Science University	131,486	82	55	Public
Rockefeller University	124,138	83	28	Private
University of Texas Health Science Center - Houston	119,587	84	56	Public
University of California - Santa Barbara	118,154	85	57	Public
Clemson University	114,903	86	58	Public
University of Tennessee - Knoxville	112,495	87	59	Public
Arizona State University - Tempe	108,117	88	60	Public
Tufts University	105,783	89	29	Private
Florida State University	105,095	90	61	Public
Washington State University - Pullman	104,796	91	62	Public
University of South Carolina - Columbia	104,398	92	63	Public
University of Texas Health Science Ctr - San Antonio	103,824	93	64	Public
Utah State University	103,161	94	65	Public
University of Alaska - Fairbanks	102,500	95	66	Public
University of Texas Medical Branch - Galveston	97,896	96	67	Public
University of Massachusetts Medical Sch - Worcester	97,587	97	68	Public
University of Massachusetts - Amherst	97,052	98	69	Public
University of Oklahoma - Norman	95,068	99	70	Public
Auburn University - Auburn	92,612	100	71	Public

The Top 200 Institutions – Total Research Expenditures (2000), *continued*

Top 101-150 Institutions in Total Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Kansas State University	91,790	101	72	Public
Indiana University - Bloomington	91,095	102	73	Public
University of Connecticut - Storrs	90,207	103	74	Public
Tulane University	89,785	104	30	Private
Thomas Jefferson University	89,626	105	31	Private
Oklahoma State University - Stillwater	88,285	106	75	Public
Virginia Commonwealth University	88,220	107	76	Public
Wake Forest University	86,840	108	32	Private
University of Kansas - Lawrence	85,825	109	77	Public
University of California - Riverside	83,580	110	78	Public
University at Albany	82,792	111	79	Public
Woods Hole Oceanographic Institution	81,547	112	33	Private
Brown University	81,476	113	34	Private
New Mexico State University - Las Cruces	79,695	114	80	Public
Dartmouth College	78,874	115	35	Private
University of Delaware	74,711	116	81	Public
University of New Hampshire - Durham	72,108	117	82	Public
University of Connecticut - Health Center	70,877	118	83	Public
University of Arkansas - Fayetteville	70,817	119	84	Public
Medical College of Wisconsin	70,581	120	36	Private
George Washington University	69,300	121	37	Private
Texas Tech University	68,224	122	85	Public
Rush University	68,189	123	38	Private
West Virginia University	66,130	124	86	Public
Montana State University - Bozeman	65,324	125	87	Public
Medical University of South Carolina	65,243	126	88	Public
University of Louisville	64,062	127	89	Public
University of Vermont	63,391	128	90	Public
University of Kansas Medical Center	62,845	129	91	Public
University of Idaho	61,347	130	92	Public
University of Nevada - Reno	56,248	131	93	Public
University of California - Santa Cruz	56,212	132	94	Public
University of Oklahoma Health Sciences Center	55,834	133	95	Public
Pennsylvania State University - Hershey Medical Ctr	55,585	134	96	Public
Louisiana State University Health Sciences Center	55,271	135	97	Public
San Diego State University	55,002	136	98	Public
University of Maine - Orono	54,821	137	99	Public
Temple University	52,466	138	100	Public
University of Nebraska Medical Center	51,547	139	101	Public
North Dakota State University	50,063	140	102	Public
University of Tennessee Health Science Center	49,791	141	103	Public
University of Arkansas for Medical Sciences	49,074	142	104	Public
University of Houston - University Park	48,902	143	105	Public
University of Rhode Island	48,135	144	106	Public
New Jersey Institute of Technology	47,895	145	107	Public
Brandeis University	47,658	146	39	Private
University of Central Florida	47,646	147	108	Public
Medical College of Georgia	45,596	148	109	Public
University of Wyoming	43,094	149	110	Public
Rice University	41,840	150	40	Private

The Top 200 Institutions – Total Research Expenditures (2000), continued

Top 151-200 Institutions in Total Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
MCP Hahnemann University	41,670	151	41	Private
University of Alabama - Huntsville	41,274	152	111	Public
Rensselaer Polytechnic Institute	40,762	153	42	Private
Syracuse University	39,468	154	43	Private
University of Dayton	39,345	155	44	Private
US Naval Postgraduate School	37,502	156	112	Public
Georgia State University	36,600	157	113	Public
Southern Illinois University - Carbondale	36,354	158	114	Public
University of Oregon	35,934	159	115	Public
Northeastern University	35,340	160	45	Private
University of Puerto Rico - Mayaguez	34,683	161	116	Public
Florida International University	34,649	162	117	Public
University of Notre Dame	34,524	163	46	Private
College of William and Mary	33,299	164	118	Public
University of Louisiana - Lafayette	32,692	165	119	Public
California State University - Long Beach	32,551	166	120	Public
University of Alabama - Tuscaloosa	31,847	167	121	Public
State Univ. of New York Health Science Ctr - Brooklyn	31,626	168	122	Public
University of Maryland Center for Environmental Science	31,605	169	123	Public
University of Mississippi - Oxford	31,427	170	124	Public
Charles R. Drew University of Medicine and Science	31,045	171	47	Private
Saint Louis University - St. Louis	31,002	172	48	Private
Loyola University Chicago	30,034	173	49	Private
University of Maryland Biotechnology Institute	29,946	174	125	Public
University of Montana - Missoula	29,590	175	126	Public
Wright State University - Dayton	29,092	176	127	Public
Boston College	27,767	177	50	Private
University of Memphis	27,381	178	128	Public
Howard University	27,254	179	51	Private
Michigan Technological University	27,204	180	129	Public
George Mason University	26,793	181	130	Public
State Univ. of New York - Coll of Enviro Sci and Forestry	26,663	182	131	Public
University of Maryland - Baltimore County	26,044	183	132	Public
University of Missouri - Rolla	25,968	184	133	Public
Desert Research Institute	25,877	185	134	Public
Texas A&M University System Health Sciences Center	25,736	186	135	Public
Lehigh University	25,506	187	52	Private
Old Dominion University	25,058	188	136	Public
Drexel University	24,876	189	53	Private
Loma Linda University	24,369	190	54	Private
University of Nevada - Las Vegas	24,215	191	137	Public
Uniformed Services University of the Health Sciences	23,987	192	138	Public
Ohio University - Athens	23,767	193	139	Public
New Mexico Institute of Mining and Technology	23,636	194	140	Public
New York Medical College	23,348	195	55	Private
Eastern Virginia Medical School	23,299	196	56	Private
University of New Orleans	22,611	197	141	Public
Colorado School of Mines	21,795	198	142	Public
Florida A&M University	21,612	199	143	Public
University of Puerto Rico - Medical Sciences	21,373	200	144	Public

The Top 200 Institutions – Federal Research Expenditures (2000)

Top 50 Institutions in Federal Research Expenditures (2000)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	793,266	1	1	Private
University of Washington - Seattle	389,622	2	1	Public
Stanford University	367,127	3	2	Private
University of Michigan - Ann Arbor	364,033	4	2	Public
University of California - San Diego	326,037	5	3	Public
University of Pennsylvania	312,434	6	3	Private
Massachusetts Institute of Technology	306,668	7	4	Private
Columbia University	283,163	8	5	Private
Harvard University	281,699	9	6	Private
University of Wisconsin - Madison	278,629	10	4	Public
University of California - Los Angeles	274,162	11	5	Public
Washington University	254,148	12	7	Private
University of California - San Francisco	248,878	13	6	Public
Yale University	232,019	14	8	Private
University of Minnesota - Twin Cities	229,958	15	7	Public
Cornell University	229,872	16	9	Private
University of Pittsburgh - Pittsburgh	228,155	17	8	Public
University of Southern California	210,872	18	10	Private
University of California - Berkeley	208,338	19	9	Public
Duke University	204,180	20	11	Private
Pennsylvania State University - University Park	196,684	21	10	Public
University of North Carolina - Chapel Hill	194,794	22	11	Public
University of Illinois - Urbana-Champaign	193,490	23	12	Public
Baylor College of Medicine	193,249	24	12	Private
University of Arizona	187,161	25	13	Public
University of Texas - Austin	178,889	26	14	Public
University of Colorado - Boulder	178,777	27	15	Public
California Institute of Technology	176,177	28	13	Private
University of Alabama - Birmingham	175,309	29	16	Public
University of Rochester	150,593	30	14	Private
Case Western Reserve University	150,586	31	15	Private
Northwestern University	150,238	32	16	Private
Texas A&M University	149,639	33	17	Public
Emory University	144,914	34	17	Private
University of California - Davis	141,740	35	18	Public
University of Chicago	140,872	36	18	Private
University of Iowa	140,764	37	19	Public
University of Maryland - College Park	136,605	38	20	Public
Boston University	133,730	39	19	Private
Ohio State University - Columbus	132,219	40	21	Public
Vanderbilt University	129,986	41	20	Private
Georgia Institute of Technology	126,164	42	22	Public
University of Utah	124,344	43	23	Public
University of Florida	120,374	44	24	Public
University of Colorado Health Sciences Center	119,590	45	25	Public
University of Virginia	119,243	46	26	Public
New York University	117,163	47	21	Private
University of Cincinnati - Cincinnati	110,475	48	27	Public
Oregon Health & Science University	109,165	49	28	Public
University of Texas SW Medical Center - Dallas	109,165	49	28	Public

The Top 200 Institutions – Federal Research Expenditures (2000), continued

Top 51-100 Institutions in Federal Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Miami	106,633	51	22	Private
University of Illinois - Chicago	101,943	52	30	Public
Yeshiva University	101,631	53	23	Private
Colorado State University	101,429	54	31	Public
University of New Mexico - Albuquerque	100,442	55	32	Public
Georgetown University	98,836	56	24	Private
Mount Sinai School of Medicine	98,188	57	25	Private
Michigan State University	97,112	58	33	Public
University at Stony Brook	96,641	59	34	Public
University at Buffalo	96,410	60	35	Public
University of Hawaii - Manoa	95,419	61	36	Public
Purdue University - West Lafayette	92,010	62	37	Public
University of Maryland - Baltimore	91,212	63	38	Public
Carnegie Mellon University	91,191	64	26	Private
University of California - Irvine	88,274	65	39	Public
University of Texas MD Anderson Cancer Center	81,872	66	40	Public
University of California - Santa Barbara	80,754	67	41	Public
Oregon State University	80,398	68	42	Public
University of Texas Health Science Center - Houston	79,665	69	43	Public
North Carolina State University	77,328	70	44	Public
University of Medicine & Dentistry of New Jersey	75,318	71	45	Public
Princeton University	74,681	72	27	Private
University of Kentucky	73,858	73	46	Public
Virginia Polytechnic Institute and State University	71,127	74	47	Public
Rutgers the State University of NJ - New Brunswick	70,943	75	48	Public
Thomas Jefferson University	67,448	76	28	Private
Woods Hole Oceanographic Institution	67,036	77	29	Private
Wake Forest University	65,585	78	30	Private
University of Missouri - Columbia	65,420	79	49	Public
University of Texas Health Science Ctr - San Antonio	65,251	80	50	Public
Tufts University	64,677	81	31	Private
Indiana University-Purdue University - Indianapolis	64,546	82	51	Public
Wayne State University	64,320	83	52	Public
University of Massachusetts Medical Sch - Worcester	64,212	84	53	Public
University of Georgia	62,678	85	54	Public
University at Albany	62,059	86	55	Public
University of Texas Medical Branch - Galveston	61,357	87	56	Public
Iowa State University	59,976	88	57	Public
Utah State University	57,378	89	58	Public
New Mexico State University - Las Cruces	57,073	90	59	Public
Florida State University	56,830	91	60	Public
Dartmouth College	56,369	92	32	Private
Medical College of Wisconsin	55,034	93	33	Private
Mississippi State University	53,808	94	61	Public
Virginia Commonwealth University	52,137	95	62	Public
Tulane University	52,080	96	34	Private
University of South Carolina - Columbia	51,872	97	63	Public
University of South Florida	50,557	98	64	Public
Brown University	49,943	99	35	Private
Arizona State University - Tempe	49,935	100	65	Public

The Top 200 Institutions – Federal Research Expenditures, *continued*

Top 101-150 Institutions in Federal Research Expenditures (2000)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
George Washington University	49,627	101	36	Private
Washington State University - Pullman	48,441	102	66	Public
University of Alaska - Fairbanks	46,605	103	67	Public
Rockefeller University	45,211	104	37	Private
University of Massachusetts - Amherst	44,697	105	68	Public
Louisiana State University - Baton Rouge	44,504	106	69	Public
University of Tennessee - Knoxville	44,467	107	70	Public
Indiana University - Bloomington	43,031	108	71	Public
Medical University of South Carolina	41,432	109	72	Public
University of Kansas - Lawrence	40,114	110	73	Public
University of Vermont	39,861	111	74	Public
University of New Hampshire - Durham	38,921	112	75	Public
University of Rhode Island	38,538	113	76	Public
Temple University	38,213	114	77	Public
University of Nebraska - Lincoln	37,831	115	78	Public
University of Delaware	37,716	116	79	Public
University of Connecticut - Health Center	37,702	117	80	Public
University of Oklahoma - Norman	36,931	118	81	Public
US Naval Postgraduate School	36,476	119	82	Public
Rice University	35,144	120	38	Private
Rush University	32,573	121	39	Private
University of Dayton	31,717	122	40	Private
Auburn University - Auburn	31,515	123	83	Public
Clemson University	31,304	124	84	Public
Kansas State University	31,185	125	85	Public
University of Oregon	30,793	126	86	Public
Montana State University - Bozeman	30,564	127	87	Public
University of Arkansas for Medical Sciences	29,962	128	88	Public
Syracuse University	29,630	129	41	Private
Pennsylvania State University - Hershey Medical Ctr	29,390	130	89	Public
University of Kansas Medical Center	28,836	131	90	Public
Louisiana State University Health Sciences Center	28,482	132	91	Public
University of Connecticut - Storrs	28,442	133	92	Public
West Virginia University	28,013	134	93	Public
University of Tennessee Health Science Center	27,505	135	94	Public
MCP Hahnemann University	27,379	136	42	Private
University of Notre Dame	27,362	137	43	Private
Northeastern University	26,916	138	44	Private
Saint Louis University - St. Louis	26,453	139	45	Private
Brandeis University	26,444	140	46	Private
University of Nevada - Reno	26,267	141	95	Public
University of California - Santa Cruz	25,959	142	96	Public
University of Alabama - Huntsville	25,939	143	97	Public
Rensselaer Polytechnic Institute	25,555	144	47	Private
Howard University	25,292	145	48	Private
Oklahoma State University - Stillwater	24,770	146	98	Public
University of Maine - Orono	24,412	147	99	Public
University of Oklahoma Health Sciences Center	23,611	148	100	Public
University of Idaho	23,014	149	101	Public
State Univ. of New York Health Science Ctr - Brooklyn	22,860	150	102	Public

The Top 200 Institutions – Federal Research Expenditures (2000), continued

Top 151-200 Institutions in Federal Research Expenditures (2000)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
San Diego State University	22,802	151	103	Public
Charles R. Drew University of Medicine and Science	21,969	152	49	Private
Texas Tech University	21,481	153	104	Public
University of Houston - University Park	21,365	154	105	Public
University of California - Riverside	21,085	155	106	Public
University of Arkansas - Fayetteville	20,778	156	107	Public
Loyola University Chicago	20,695	157	50	Private
George Mason University	20,669	158	108	Public
Florida International University	20,296	159	109	Public
University of Maryland - Baltimore County	20,244	160	110	Public
Desert Research Institute	19,923	161	111	Public
University of Nebraska Medical Center	19,878	162	112	Public
University of Mississippi - Oxford	19,711	163	113	Public
University of Alabama - Tuscaloosa	19,486	164	114	Public
Loma Linda University	18,811	165	51	Private
University of Montana - Missoula	18,378	166	115	Public
New York Medical College	17,975	167	52	Private
University of Louisville	17,713	168	116	Public
New Jersey Institute of Technology	17,381	169	117	Public
Boston College	16,673	170	53	Private
University of Puerto Rico - Medical Sciences	16,657	171	118	Public
Michigan Technological University	16,650	172	119	Public
University of Wyoming	16,556	173	120	Public
University of Texas - El Paso	16,416	174	121	Public
Florida A&M University	16,278	175	122	Public
Clark Atlanta University	16,170	176	54	Private
University of New Orleans	16,021	177	123	Public
North Dakota State University	15,463	178	124	Public
Morehouse School of Medicine	15,419	179	55	Private
Medical College of Georgia	15,210	180	125	Public
University of Southern Mississippi	15,084	181	126	Public
Old Dominion University	14,908	182	127	Public
Texas A&M University System Health Sciences Center	14,321	183	128	Public
Drexel University	14,292	184	56	Private
University of North Dakota	13,880	185	129	Public
University of Nevada - Las Vegas	13,815	186	130	Public
University of Central Florida	13,801	187	131	Public
OHSU - Oregon Graduate Institute Sch of Sci & Eng	13,743	188	132	Public
City University of New York - City College	13,059	189	133	Public
College of William and Mary	13,031	190	134	Public
California State University - Long Beach	12,964	191	135	Public
Lehigh University	12,726	192	57	Private
Wright State University - Dayton	12,543	193	136	Public
Florida Atlantic University	12,359	194	137	Public
University of Louisiana - Lafayette	12,164	195	138	Public
Eastern Virginia Medical School	12,114	196	58	Private
Georgia State University	12,090	197	139	Public
Colorado School of Mines	11,995	198	140	Public
University of Puerto Rico - Mayaguez	11,837	199	141	Public
San Jose State University	11,825	200	142	Public

The Top 200 Institutions – Endowment Assets (2001)

Top 50 Institutions in Endowment Assets (2001)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	17,950,843	1	1	Private
Yale University	10,700,000	2	2	Private
Princeton University	8,359,000	3	3	Private
Stanford University	8,249,551	4	4	Private
Massachusetts Institute of Technology	6,134,712	5	5	Private
Emory University	4,315,998	6	6	Private
Columbia University	4,292,793	7	7	Private
Washington University	3,951,509	8	8	Private
Texas A&M University	3,764,843	9	1	Public
University of Chicago	3,516,238	10	9	Private
University of Michigan - Ann Arbor	3,469,536	11	2	Public
University of Pennsylvania	3,381,848	12	10	Private
Northwestern University	3,256,282	13	11	Private
Rice University	3,243,033	14	12	Private
Cornell University	3,151,384	15	13	Private
Duke University	3,131,375	16	14	Private
University of Notre Dame	2,829,914	17	15	Private
Dartmouth College	2,414,231	18	16	Private
Vanderbilt University	2,159,614	19	17	Private
University of Southern California	2,086,245	20	18	Private
University of California - Berkeley	1,953,443	21	3	Public
Johns Hopkins University	1,822,713	22	19	Private
University of Virginia	1,708,199	23	4	Public
University of Minnesota - Twin Cities	1,650,969	24	5	Public
University of Texas - Austin	1,463,114	25	6	Public
Brown University	1,436,607	26	20	Private
Case Western Reserve University	1,434,000	27	21	Private
University of California - Los Angeles	1,390,390	28	7	Public
California Institute of Technology	1,365,798	29	22	Private
Rockefeller University	1,361,200	30	23	Private
University of Rochester	1,245,406	31	24	Private
Purdue University - West Lafayette	1,217,118	32	8	Public
Williams College	1,207,408	33	25	Private
Wellesley College	1,135,925	34	26	Private
University of Richmond	1,122,055	35	27	Private
University of Wisconsin - Madison	1,120,884	36	9	Public
New York University	1,118,300	37	28	Private
Ohio State University - Columbus	1,111,823	38	10	Public
University of Pittsburgh - Pittsburgh	1,103,082	39	11	Public
Pomona College	1,099,930	40	29	Private
Georgia Institute of Technology	1,093,622	41	12	Public
University of North Carolina - Chapel Hill	1,045,750	42	13	Public
Grinnell College	1,024,671	43	30	Private
Boston College	1,003,832	44	31	Private
Baylor College of Medicine	984,150	45	32	Private
Swarthmore College	949,923	46	33	Private
University of Delaware	928,398	47	14	Public
University of Washington - Seattle	927,806	48	15	Public
Smith College	917,254	49	34	Private
Texas Christian University	913,072	50	35	Private

The Top 200 Institutions – Endowment Assets (2001), continued

Top 51-100 Institutions in Endowment Assets (2001)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
University of Cincinnati - Cincinnati	909,268	51	16	Public
Amherst College	890,511	52	36	Private
University of California - San Francisco	873,237	53	17	Public
Southern Methodist University	872,388	54	37	Private
Yeshiva University	831,438	55	38	Private
Saint Louis University - St. Louis	819,115	56	39	Private
Wake Forest University	812,389	57	40	Private
Berea College	788,263	58	41	Private
Carnegie Mellon University	756,930	59	42	Private
Pennsylvania State University - University Park	750,090	60	18	Public
Lehigh University	739,024	61	43	Private
Syracuse University	735,484	62	44	Private
University of Tulsa	730,949	63	45	Private
George Washington University	713,060	64	46	Private
Georgetown University	685,473	65	47	Private
University of Kansas - Lawrence	665,412	66	19	Public
Boston University	664,581	67	48	Private
Trinity University	649,936	68	49	Private
University of Texas SW Medical Center - Dallas	644,909	69	20	Public
Tulane University	638,871	70	50	Private
University of Iowa	635,507	71	21	Public
University of Florida	635,143	72	22	Public
University of Nebraska - Lincoln	629,855	73	23	Public
Middlebury College	627,332	74	51	Private
Rensselaer Polytechnic Institute	618,912	75	52	Private
Vassar College	616,174	76	53	Private
Baylor University	614,480	77	54	Private
University of Illinois - Urbana-Champaign	601,944	78	24	Public
Oberlin College	595,495	79	55	Private
Tufts University	548,998	80	56	Private
Carleton College	543,456	81	57	Private
Wesleyan University	520,674	82	58	Private
University of Louisville	503,207	83	25	Public
Macalester College	500,372	84	59	Private
Northeastern University	493,926	85	60	Private
Lafayette College	485,482	86	61	Private
Indiana University - Bloomington	479,918	87	26	Public
Washington State University - Pullman	468,849	88	27	Public
Colgate University	464,535	89	62	Private
University of Miami	457,843	90	63	Private
Rochester Institute of Technology	451,523	91	64	Private
DePauw University	449,509	92	65	Private
Michigan State University	448,570	93	28	Public
Washington and Lee University	438,392	94	66	Private
Pepperdine University	437,051	95	67	Private
Santa Clara University	434,071	96	68	Private
Bryn Mawr College	433,854	97	69	Private
Bowdoin College	433,244	98	70	Private
Hamilton College (NY)	431,037	99	71	Private
Denison University	430,467	100	72	Private

The Top 200 Institutions – Endowment Assets (2001), continued

Top 101-150 Institutions in Endowment Assets (2001)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
University of California - Davis	429,616	101	29	Public
Bucknell University	428,878	102	73	Private
University at Buffalo	428,085	103	30	Public
University of Oklahoma - Norman	424,078	104	31	Public
University of Kentucky	419,211	105	32	Public
Indiana University-Purdue University - Indianapolis	415,314	106	33	Public
Thomas Jefferson University	400,000	107	74	Private
Brandeis University	397,046	108	75	Private
University of Georgia	396,765	109	34	Public
Colorado College	390,129	110	76	Private
Mount Holyoke College	388,472	111	77	Private
University of Tennessee - Knoxville	385,850	112	35	Public
Rutgers the State University of NJ - New Brunswick	372,973	113	36	Public
Iowa State University	368,332	114	37	Public
College of William and Mary	367,510	115	38	Public
Claremont McKenna College	367,185	116	78	Private
College of the Holy Cross	362,305	117	79	Private
Virginia Polytechnic Institute and State University	359,528	118	39	Public
University of Missouri - Columbia	353,645	119	40	Public
Colby College	353,383	120	80	Private
Earlham College	353,361	121	81	Private
University of Alabama - Tuscaloosa	349,897	122	41	Public
Agnes Scott College	346,894	123	82	Private
Trinity College (CT)	343,242	124	83	Private
University of Utah	340,947	125	42	Public
University of Houston - University Park	339,277	126	43	Public
Florida State University	328,988	127	44	Public
Rush University	328,962	128	84	Private
University of Maryland - College Park	324,316	129	45	Public
Howard University	324,019	130	85	Private
Reed College	321,382	131	86	Private
Southwestern University	320,882	132	87	Private
Davidson College	318,218	133	88	Private
Texas Tech University	316,483	134	46	Public
University of Texas Medical Branch - Galveston	316,291	135	47	Public
Regent University	311,829	136	89	Private
Haverford College	311,200	137	90	Private
North Carolina State University	310,616	138	48	Public
University of Arizona	310,174	139	49	Public
Loyola University New Orleans	308,436	140	91	Private
Wabash College	303,038	141	92	Private
University of South Carolina - Columbia	302,678	142	50	Public
Worcester Polytechnic Institute	299,489	143	93	Private
Bryn Athyn College of the New Church	292,355	144	94	Private
Loyola University Chicago	282,900	145	95	Private
Whitman College	282,156	146	96	Private
University of Texas MD Anderson Cancer Center	278,151	147	51	Public
University of South Alabama - Mobile	277,929	148	52	Public
University of Dayton	274,449	149	97	Private
University of California - San Diego	274,143	150	53	Public

The Top 200 Institutions – Endowment Assets (2001), *continued*

Top 151-200 Institutions in Endowment Assets (2001)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
West Virginia University	274,140	151	54	Public
College of the Ozarks	273,810	152	98	Private
Samford University	271,121	153	99	Private
Woods Hole Oceanographic Institution	268,200	154	100	Private
Oregon State University	266,748	155	55	Public
Franklin & Marshall College	266,509	156	101	Private
Union College (NY)	262,667	157	102	Private
Virginia Military Institute	262,319	158	56	Public
Wheaton College (IL)	260,567	159	103	Private
Auburn University - Auburn	258,965	160	57	Public
Occidental College	255,090	161	104	Private
University of South Florida	253,897	162	58	Public
University of Texas Health Science Ctr - San Antonio	252,520	163	59	Public
Loyola Marymount University	248,614	164	105	Private
Furman University	247,691	165	106	Private
University of Alabama - Birmingham	247,638	166	60	Public
University of Oregon	246,528	167	61	Public
Fordham University	242,474	168	107	Private
University of Mississippi - Oxford	240,368	169	62	Public
Drexel University	237,413	170	108	Private
University of Arkansas - Fayetteville	233,858	171	63	Public
University of the South	232,928	172	109	Private
Oregon Health & Science University	230,369	173	64	Public
Spelman College	228,992	174	110	Private
Marquette University	228,974	175	111	Private
Rhode Island School of Design	224,548	176	112	Private
Miami University - Oxford	223,129	177	65	Public
University of St. Thomas (MN)	221,123	178	113	Private
Virginia Commonwealth University	218,321	179	66	Public
Rhodes College (TN)	215,019	180	114	Private
Clemson University	214,398	181	67	Public
Arizona State University - Tempe	207,062	182	68	Public
Drew University	206,534	183	115	Private
University of Colorado - Boulder	204,598	184	69	Public
Illinois Institute of Technology	204,441	185	116	Private
Willamette University	203,637	186	117	Private
University of Vermont	202,029	187	70	Public
Creighton University	201,874	188	118	Private
College of Wooster	201,459	189	119	Private
St. Lawrence University	200,091	190	120	Private
DePaul University	198,288	191	121	Private
Ohio University - Athens	195,828	192	71	Public
Berry College	194,519	193	122	Private
University of Texas - Dallas	190,257	194	72	Public
University of Puget Sound	188,427	195	123	Private
Gettysburg College	187,258	196	124	Private
University of New Mexico - Albuquerque	186,655	197	73	Public
Kansas State University	184,774	198	74	Public
Louisiana State University - Baton Rouge	184,000	199	75	Public
Babson College	181,300	200	125	Private

The Top 200 Institutions – Annual Giving (2001)

Top 50 Institutions in Annual Giving (2001)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	683,173	1	1	Private
Stanford University	468,967	2	2	Private
Columbia University	358,683	3	3	Private
Yale University	350,123	4	4	Private
Johns Hopkins University	347,732	5	5	Private
Cornell University	309,473	6	6	Private
Emory University	297,778	7	7	Private
University of Wisconsin - Madison	292,429	8	1	Public
University of Pennsylvania	285,596	9	8	Private
University of Southern California	280,986	10	9	Private
University of California - San Francisco	271,565	11	2	Public
Duke University	264,425	12	10	Private
University of California - Los Angeles	263,652	13	3	Public
University of Washington - Seattle	231,918	14	4	Public
University of Minnesota - Twin Cities	228,926	15	5	Public
Ohio State University - Columbus	210,551	16	6	Public
University of Michigan - Ann Arbor	209,390	17	7	Public
University of California - Berkeley	202,607	18	8	Public
Michigan State University	202,007	19	9	Public
Massachusetts Institute of Technology	199,002	20	11	Private
Indiana University-Purdue University - Indianapolis	192,543	21	10	Public
University of Virginia	189,900	22	11	Public
Princeton University	184,882	23	12	Private
Case Western Reserve University	180,923	24	13	Private
University of Texas - Austin	179,951	25	12	Public
New York University	171,933	26	14	Private
Northwestern University	165,717	27	15	Private
University of Chicago	163,615	28	16	Private
University of North Carolina - Chapel Hill	160,375	29	13	Public
Vanderbilt University	155,719	30	17	Private
University of Utah	146,344	31	14	Public
University of Florida	142,945	32	15	Public
University of Notre Dame	142,242	33	18	Private
Purdue University - West Lafayette	130,735	34	16	Public
Pennsylvania State University - University Park	123,862	35	17	Public
Washington University	122,061	36	19	Private
Georgia Institute of Technology	120,107	37	18	Public
Texas Tech University	115,821	38	19	Public
Dartmouth College	114,913	39	20	Private
Texas A&M University	114,527	40	20	Public
Rutgers the State University of NJ - New Brunswick	106,028	41	21	Public
University of Miami	105,812	42	21	Private
University of Illinois - Urbana-Champaign	105,576	43	22	Public
Indiana University - Bloomington	105,297	44	23	Public
University of Arizona	103,822	45	24	Public
Yeshiva University	103,000	46	22	Private
University of Iowa	96,059	47	25	Public
Baylor College of Medicine	95,400	48	23	Private
Georgetown University	94,201	49	24	Private
University of California - San Diego	93,632	50	26	Public

The Top 200 Institutions – Annual Giving (2001), continued

Top 51-100 Institutions in Annual Giving (2001)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Texas SW Medical Center - Dallas	90,409	51	27	Public
North Carolina State University	90,342	52	28	Public
University of Pittsburgh - Pittsburgh	88,645	53	29	Public
University of Cincinnati - Cincinnati	86,247	54	30	Public
Boston University	85,584	55	25	Private
California Institute of Technology	83,020	56	26	Private
Brown University	79,458	57	27	Private
Arizona State University - Tempe	79,311	58	31	Public
University of Maryland - College Park	75,964	59	32	Public
University of California - Davis	73,286	60	33	Public
University of Tennessee - Knoxville	72,403	61	34	Public
Carnegie Mellon University	71,392	62	28	Private
University of Rochester	69,900	63	29	Private
Brigham Young University - Provo	68,876	64	30	Private
University of Nebraska - Lincoln	67,986	65	35	Public
Florida State University	67,880	66	36	Public
Rice University	67,497	67	31	Private
Virginia Polytechnic Institute and State University	66,429	68	37	Public
Oregon Health & Science University	66,100	69	38	Public
Rockefeller University	65,115	70	32	Private
University of Kansas - Lawrence	64,308	71	39	Public
University of Arkansas - Fayetteville	61,824	72	40	Public
Rensselaer Polytechnic Institute	61,736	73	33	Private
University of Texas MD Anderson Cancer Center	61,585	74	41	Public
Brandeis University	61,390	75	34	Private
Auburn University - Auburn	60,620	76	42	Public
University of Oklahoma - Norman	59,455	77	43	Public
Southern Methodist University	59,323	78	35	Private
Amherst College	59,183	79	36	Private
Wake Forest University	58,298	80	37	Private
University of Louisville	56,330	81	44	Public
Tufts University	55,638	82	38	Private
University of Kentucky	55,351	83	45	Public
University of Alabama - Birmingham	54,358	84	46	Public
Tulane University	53,869	85	39	Private
Baylor University	52,927	86	40	Private
Iowa State University	52,019	87	47	Public
Washington and Lee University	50,881	88	41	Private
University of South Carolina - Columbia	50,629	89	48	Public
Boston College	50,575	90	42	Private
Louisiana State University - Baton Rouge	50,500	91	49	Public
Clemson University	50,458	92	50	Public
University of Maine - Orono	50,214	93	51	Public
Texas A&M University - Corpus Christi	49,012	94	52	Public
University of Oregon	48,960	95	53	Public
University of Colorado - Boulder	48,716	96	54	Public
University of California - Irvine	48,490	97	55	Public
Wellesley College	47,363	98	43	Private
University of Colorado Health Sciences Center	46,340	99	56	Public
University of Delaware	44,990	100	57	Public

The Top 200 Institutions – Annual Giving (2001), continued

Top 101-150 Institutions in Annual Giving (2001)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Medicine & Dentistry of New Jersey	44,900	101	58	Public
University of Mississippi - Oxford	44,840	102	59	Public
Wayne State University	44,650	103	60	Public
Smith College	44,640	104	44	Private
Kansas State University	44,547	105	61	Public
University of Missouri - Columbia	43,872	106	62	Public
University of Georgia	43,603	107	63	Public
California Polytechnic State Univ - San Luis Obispo	43,162	108	64	Public
Illinois Institute of Technology	42,780	109	45	Private
San Diego State University	42,097	110	65	Public
DePauw University	41,655	111	46	Private
Williams College	41,265	112	47	Private
Oklahoma State University - Stillwater	41,256	113	66	Public
Mississippi State University	41,178	114	67	Public
Marquette University	41,171	115	48	Private
Rhodes College (TN)	41,133	116	49	Private
University of Connecticut - Storrs	40,640	117	68	Public
University of Massachusetts - Lowell	40,136	118	69	Public
University of Alabama - Tuscaloosa	40,071	119	70	Public
Washington State University - Pullman	40,005	120	71	Public
West Virginia University	38,845	121	72	Public
Temple University	38,655	122	73	Public
University of Texas Medical Branch - Galveston	38,150	123	74	Public
University of Nebraska Medical Center	38,025	124	75	Public
University of Denver	37,887	125	50	Private
Syracuse University	37,530	126	51	Private
University of Maryland - Baltimore	37,384	127	76	Public
University of Illinois - Chicago	37,175	128	77	Public
Wabash College	37,059	129	52	Private
University of South Florida	37,039	130	78	Public
College of William and Mary	36,836	131	79	Public
East Tennessee State University	35,080	132	80	Public
Drexel University	34,663	133	53	Private
University of New Mexico - Albuquerque	33,818	134	81	Public
University of Houston - University Park	33,185	135	82	Public
University of Texas Health Science Ctr - San Antonio	33,118	136	83	Public
George Washington University	32,656	137	54	Private
Saint Louis University - St. Louis	32,550	138	55	Private
Eckerd College	32,524	139	56	Private
Lehigh University	32,119	140	57	Private
Mount Holyoke College	32,091	141	58	Private
University of Vermont	31,819	142	84	Public
Davidson College	31,714	143	59	Private
Gannon University	31,217	144	60	Private
Wesleyan University	30,997	145	61	Private
University at Buffalo	30,223	146	85	Public
Pennsylvania State University - Hershey Medical Ctr	30,080	147	86	Public
University of California - Santa Barbara	29,994	148	87	Public
Middlebury College	29,597	149	62	Private
Oregon State University	29,595	150	88	Public

The Top 200 Institutions – Annual Giving (2001), continued

Top 151-200 Institutions in Annual Giving (2001)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Oklahoma Health Sciences Center	29,284	151	89	Public
Vassar College	29,235	152	63	Private
Florida International University	29,208	153	90	Public
Santa Clara University	28,906	154	64	Private
Bryn Mawr College	28,821	155	65	Private
University of the Pacific	27,991	156	66	Private
Haverford College	27,738	157	67	Private
Virginia Commonwealth University	27,395	158	91	Public
Northeastern University	27,082	159	68	Private
Northern Illinois University	26,918	160	92	Public
Lafayette College	26,794	161	69	Private
California State University - Long Beach	26,627	162	93	Public
Colorado State University	26,255	163	94	Public
Carleton College	26,132	164	70	Private
University of Akron - Akron	26,091	165	95	Public
Trinity College (CT)	25,825	166	71	Private
Thomas Jefferson University	25,800	167	72	Private
Valparaiso University	25,684	168	73	Private
Pepperdine University	25,681	169	74	Private
Fairfield University	25,438	170	75	Private
Ball State University	25,186	171	96	Public
John Carroll University	25,168	172	76	Private
Loyola University Chicago	25,151	173	77	Private
Loma Linda University	24,844	174	78	Private
Colgate University	24,476	175	79	Private
Texas Christian University	24,473	176	80	Private
Thiel College	24,165	177	81	Private
Bucknell University	24,145	178	82	Private
Woods Hole Oceanographic Institution	24,124	179	83	Private
Pomona College	23,847	180	84	Private
University of Texas Health Science Center - Houston	23,807	181	97	Public
Swarthmore College	23,703	182	85	Private
University of Dayton	23,441	183	86	Private
California State University - Fresno	22,744	184	98	Public
Bowdoin College	22,663	185	87	Private
University of Massachusetts - Amherst	22,530	186	99	Public
George Mason University	22,300	187	100	Public
Pacific Lutheran University	21,924	188	88	Private
Drew University	21,914	189	89	Private
Rochester Institute of Technology	21,900	190	90	Private
University of Idaho	21,878	191	101	Public
University of Tulsa	21,598	192	91	Private
University of St. Thomas (MN)	21,489	193	92	Private
University of Missouri - Rolla	21,445	194	102	Public
Grinnell College	21,404	195	93	Private
Skidmore College	21,245	196	94	Private
Utah State University	21,199	197	103	Public
Oberlin College	21,145	198	95	Private
Western Michigan University	20,989	199	104	Public
Worcester Polytechnic Institute	20,974	200	96	Private

The Top 200 Institutions – National Academy Membership (2001)

Top 52 Institutions in National Academy Membership (2001)	Number of Members	National Rank	Control Rank	Institutional Control
Harvard University	265	1	1	Private
Stanford University	243	2	2	Private
Massachusetts Institute of Technology	232	3	3	Private
University of California - Berkeley	199	4	1	Public
Yale University	108	5	4	Private
California Institute of Technology	93	6	5	Private
University of California - San Diego	93	6	2	Public
University of Pennsylvania	87	8	6	Private
Cornell University	80	9	7	Private
University of Washington - Seattle	78	10	3	Public
Columbia University	77	11	8	Private
Princeton University	76	12	9	Private
University of Wisconsin - Madison	69	13	4	Public
University of California - San Francisco	68	14	5	Public
Johns Hopkins University	64	15	10	Private
University of Michigan - Ann Arbor	62	16	6	Public
University of California - Los Angeles	58	17	7	Public
University of Chicago	56	18	11	Private
University of Illinois - Urbana-Champaign	54	19	8	Public
University of Texas - Austin	52	20	9	Public
Rockefeller University	43	21	12	Private
Duke University	42	22	13	Private
Washington University	37	23	14	Private
University of Southern California	36	24	15	Private
University of Minnesota - Twin Cities	35	25	10	Public
University of North Carolina - Chapel Hill	35	25	10	Public
University of California - Santa Barbara	34	27	12	Public
Northwestern University	31	28	16	Private
New York University	29	29	17	Private
University of Arizona	29	29	13	Public
University of California - Davis	28	31	14	Public
Georgia Institute of Technology	25	32	15	Public
Rutgers the State University of NJ - New Brunswick	25	32	15	Public
Case Western Reserve University	24	34	18	Private
University of Colorado - Boulder	24	34	17	Public
University of Texas SW Medical Center - Dallas	24	34	17	Public
Pennsylvania State University - University Park	23	37	19	Public
University of Rochester	22	38	19	Private
Carnegie Mellon University	21	39	20	Private
Rice University	21	39	20	Private
University of California - Irvine	20	41	20	Public
North Carolina State University	19	42	21	Public
University of Iowa	19	42	21	Public
University of Maryland - College Park	19	42	21	Public
University of Pittsburgh - Pittsburgh	19	42	21	Public
University of Virginia	19	42	21	Public
University of Utah	18	47	26	Public
Brown University	17	48	22	Private
Scripps Research Institute	17	48	22	Private
Texas A&M University	17	48	27	Public
University of Florida	17	48	27	Public
Purdue University - West Lafayette	16	52	29	Public

The Top 200 Institutions – National Academy Membership (2001), continued

Institutions with 4 to 15 National Academy Members (2001)	Number of Members	National Rank	Control Rank	Institutional Control
Ohio State University - Columbus	15	53	30	Public
Baylor College of Medicine	13	54	24	Private
Boston University	13	54	24	Private
Dartmouth College	13	54	24	Private
Rensselaer Polytechnic Institute	13	54	24	Private
University at Stony Brook	13	54	31	Public
Vanderbilt University	13	54	24	Private
Brandeis University	12	60	29	Private
Indiana University - Bloomington	11	61	32	Public
Virginia Polytechnic Institute and State University	11	61	32	Public
Mount Sinai School of Medicine	10	63	30	Private
University of Alabama - Birmingham	10	63	34	Public
University of California - Santa Cruz	10	63	34	Public
University of Delaware	10	63	34	Public
City University of New York - City College	9	67	37	Public
Emory University	9	67	31	Private
University of Maryland - Baltimore	9	67	37	Public
University of Massachusetts - Amherst	9	67	37	Public
Yeshiva University	9	67	31	Private
Lehigh University	8	72	33	Private
University of Georgia	8	72	40	Public
University of Houston - University Park	8	72	40	Public
Colorado State University	7	75	42	Public
Florida State University	7	75	42	Public
Iowa State University	7	75	42	Public
University of Colorado Health Sciences Center	7	75	42	Public
University of Kansas - Lawrence	7	75	42	Public
Indiana University-Purdue University - Indianapolis	6	80	47	Public
Michigan State University	6	80	47	Public
Tufts University	6	80	34	Private
University of California - Riverside	6	80	47	Public
University of Illinois - Chicago	6	80	47	Public
Washington State University - Pullman	6	80	47	Public
Drexel University	5	86	35	Private
Georgetown University	5	86	35	Private
Howard University	5	86	35	Private
Oregon State University	5	86	52	Public
Polytechnic University	5	86	35	Private
Thomas Jefferson University	5	86	35	Private
University at Buffalo	5	86	52	Public
University of Hawaii - Manoa	5	86	52	Public
University of Missouri - Columbia	5	86	52	Public
University of Oregon	5	86	52	Public
Arizona State University - Tempe	4	96	57	Public
Colorado School of Mines	4	96	57	Public
George Washington University	4	96	40	Private
Oregon Health & Science University	4	96	57	Public

The Top 200 Institutions – National Academy Membership (2001), continued

Institutions with 1 to 4 National Academy Members (2001)	Number of Members	National Rank	Control Rank	Institutional Control
University of Kentucky	4	96	57	Public
University of Texas Health Science Center - Houston	4	96	57	Public
Wayne State University	4	96	57	Public
Woods Hole Oceanographic Institution	4	96	40	Private
Illinois Institute of Technology	3	104	42	Private
Meharry Medical College	3	104	42	Private
Oklahoma State University - Stillwater	3	104	63	Public
Tulane University	3	104	42	Private
University of Cincinnati - Cincinnati	3	104	63	Public
University of Connecticut - Health Center	3	104	63	Public
University of Massachusetts Medical Sch - Worcester	3	104	63	Public
University of New Mexico - Albuquerque	3	104	63	Public
University of South Florida	3	104	63	Public
University of Vermont	3	104	63	Public
Boston College	2	114	45	Private
Charles R. Drew University of Medicine and Science	2	114	45	Private
Clark University (MA)	2	114	45	Private
College of William and Mary	2	114	70	Public
Florida Atlantic University	2	114	70	Public
George Mason University	2	114	70	Public
Medical University of South Carolina	2	114	70	Public
Pennsylvania State University - Hershey Medical Ctr	2	114	70	Public
Rush University	2	114	45	Private
Southern Methodist University	2	114	45	Private
University of Arkansas - Fayetteville	2	114	70	Public
University of Miami	2	114	45	Private
University of Nebraska - Lincoln	2	114	70	Public
University of Nebraska Medical Center	2	114	70	Public
University of Nevada - Reno	2	114	70	Public
University of Notre Dame	2	114	45	Private
University of Oklahoma - Norman	2	114	70	Public
University of Texas Medical Branch - Galveston	2	114	70	Public
Virginia Commonwealth University	2	114	70	Public
Wake Forest University	2	114	45	Private
Becker College - Worcester	1	134	53	Private
Binghamton University	1	134	82	Public
Bowdoin College	1	134	53	Private
Bryn Mawr College	1	134	53	Private
Butler University	1	134	53	Private
California State University - Fullerton	1	134	82	Public
Catholic University of America	1	134	53	Private
City University of NY - Graduate Sch and University Ctr	1	134	82	Public
Clark Atlanta University	1	134	53	Private
Clemson University	1	134	82	Public
Drew University	1	134	53	Private
Duquesne University	1	134	53	Private
Fordham University	1	134	53	Private
Haverford College	1	134	53	Private
Kettering University	1	134	53	Private

The Top 200 Institutions – National Academy Membership (2001), continued

Institutions with at least 1 National Academy Member (2001)	Number of Members	National Rank	Control Rank	Institutional Control
Louisiana State University - Baton Rouge	1	134	82	Public
Manhattan College	1	134	53	Private
Manhattanville College	1	134	53	Private
Marshall University	1	134	82	Public
MCP Hahnemann University	1	134	53	Private
Medical College of Wisconsin	1	134	53	Private
Michigan Technological University	1	134	82	Public
Morehouse School of Medicine	1	134	53	Private
New York Medical College	1	134	53	Private
Ponce School of Medicine	1	134	53	Private
Saint Louis University - St. Louis	1	134	53	Private
South Dakota School of Mines and Technology	1	134	82	Public
Spelman College	1	134	53	Private
State Univ. of New York Health Science Ctr - Brooklyn	1	134	82	Public
Syracuse University	1	134	53	Private
Union College (NY)	1	134	53	Private
University of Akron - Akron	1	134	82	Public
University of Arkansas - Little Rock	1	134	82	Public
University of Arkansas for Medical Sciences	1	134	82	Public
University of Colorado - Denver	1	134	82	Public
University of Connecticut - Storrs	1	134	82	Public
University of Dayton	1	134	53	Private
University of Louisville	1	134	82	Public
University of Massachusetts - Boston	1	134	82	Public
University of Medicine & Dentistry of New Jersey	1	134	82	Public
University of Minnesota - Duluth	1	134	82	Public
University of Oklahoma Health Sciences Center	1	134	82	Public
University of Rhode Island	1	134	82	Public
University of South Carolina - Columbia	1	134	82	Public
University of Tennessee - Knoxville	1	134	82	Public
University of Texas - Arlington	1	134	82	Public
University of Texas - Dallas	1	134	82	Public
University of Texas Health Science Ctr - San Antonio	1	134	82	Public
University of Texas MD Anderson Cancer Center	1	134	82	Public
University of the Pacific	1	134	53	Private
University of Tulsa	1	134	53	Private
University of Wyoming	1	134	82	Public
US Naval Postgraduate School	1	134	82	Public
Wright State University - Dayton	1	134	82	Public

The Top 200 Institutions – Faculty Awards (2001)

Top 50 Institutions in Faculty Awards (2001)	Number of Awards	National Rank	Control Rank	Institutional Control
University of Michigan - Ann Arbor	52	1	1	Public
Harvard University	51	2	1	Private
Stanford University	48	3	2	Private
University of California - Berkeley	47	4	2	Public
Johns Hopkins University	39	5	3	Private
University of California - Los Angeles	39	5	3	Public
Columbia University	38	7	4	Private
University of Washington - Seattle	37	8	4	Public
University of Illinois - Urbana-Champaign	34	9	5	Public
University of Wisconsin - Madison	34	9	5	Public
University of Pennsylvania	33	11	5	Private
Northwestern University	32	12	6	Private
University of California - San Francisco	32	12	7	Public
Massachusetts Institute of Technology	30	14	7	Private
University of California - San Diego	30	14	8	Public
University of North Carolina - Chapel Hill	30	14	8	Public
University of Minnesota - Twin Cities	28	17	10	Public
University of Chicago	27	18	8	Private
University of Virginia	27	18	11	Public
Yale University	27	18	8	Private
Duke University	26	21	10	Private
Pennsylvania State University - University Park	26	21	12	Public
Washington University	26	21	10	Private
Princeton University	25	24	12	Private
University of California - Davis	24	25	13	Public
University of Florida	24	25	13	Public
Ohio State University - Columbus	23	27	15	Public
University of Texas - Austin	23	27	15	Public
Cornell University	22	29	13	Private
University of Southern California	22	29	13	Private
Texas A&M University	21	31	17	Public
University at Stony Brook	21	31	17	Public
University of Maryland - College Park	21	31	17	Public
Georgia Institute of Technology	20	34	20	Public
Brown University	19	35	15	Private
Purdue University - West Lafayette	19	35	21	Public
University of Pittsburgh - Pittsburgh	18	37	22	Public
University of Texas SW Medical Center - Dallas	18	37	22	Public
New York University	17	39	16	Private
North Carolina State University	17	39	24	Public
University of Colorado - Boulder	17	39	24	Public
Boston University	16	42	17	Private
Rockefeller University	16	42	17	Private
Scripps Research Institute	16	42	17	Private
University of Arizona	16	42	26	Public
Dartmouth College	15	46	20	Private
Rutgers the State University of NJ - New Brunswick	15	46	27	Public
University of Georgia	15	46	27	Public
University of Utah	15	46	27	Public
Vanderbilt University	15	46	20	Private

The Top 200 Institutions – Faculty Awards (2001), continued

Top 51-95 Institutions in Faculty Awards (2001)	Number of Awards	National Rank	Control Rank	Institutional Control
Arizona State University - Tempe	14	51	30	Public
Baylor College of Medicine	14	51	22	Private
California Institute of Technology	14	51	22	Private
Emory University	14	51	22	Private
Michigan State University	14	51	30	Public
Oregon Health & Science University	14	51	30	Public
University of Cincinnati - Cincinnati	14	51	30	Public
University of Connecticut - Storrs	14	51	30	Public
University of Iowa	14	51	30	Public
University of Massachusetts - Amherst	14	51	30	Public
University of Illinois - Chicago	12	61	37	Public
University of Kentucky	12	61	37	Public
University of Notre Dame	12	61	25	Private
University of Oregon	12	61	37	Public
Georgetown University	11	65	26	Private
Iowa State University	11	65	40	Public
Tufts University	11	65	26	Private
University of Alabama - Birmingham	11	65	40	Public
University of South Carolina - Columbia	11	65	40	Public
Colorado State University	10	70	43	Public
Louisiana State University - Baton Rouge	10	70	43	Public
Tulane University	10	70	28	Private
University of California - Irvine	10	70	43	Public
University of Missouri - Columbia	10	70	43	Public
University of Oklahoma - Norman	10	70	43	Public
Indiana University - Bloomington	9	76	48	Public
University of California - Santa Barbara	9	76	48	Public
University of Kansas - Lawrence	9	76	48	Public
Carnegie Mellon University	8	79	29	Private
Case Western Reserve University	8	79	29	Private
University of California - Riverside	8	79	51	Public
University of Colorado Health Sciences Center	8	79	51	Public
University of Massachusetts Medical Sch - Worcester	8	79	51	Public
University of Rochester	8	79	29	Private
University of Texas Health Science Ctr - San Antonio	8	79	51	Public
Brandeis University	7	86	32	Private
Clemson University	7	86	55	Public
Oregon State University	7	86	55	Public
Syracuse University	7	86	32	Private
University of Hawaii - Manoa	7	86	55	Public
University of New Hampshire - Durham	7	86	55	Public
University of Vermont	7	86	55	Public
Virginia Commonwealth University	7	86	55	Public
Washington State University - Pullman	7	86	55	Public
New Mexico State University - Las Cruces	6	95	62	Public
Polytechnic University	6	95	34	Private
Rice University	6	95	34	Private
University at Albany	6	95	62	Public
University of Medicine & Dentistry of New Jersey	6	95	62	Public
University of Montana - Missoula	6	95	62	Public
University of Nebraska - Lincoln	6	95	62	Public
University of Nevada - Reno	6	95	62	Public
University of New Mexico - Albuquerque	6	95	62	Public
Western Washington University	6	95	62	Public

The Top 200 Institutions – Faculty Awards (2001), continued

Institutions with Between 4 and 5 Faculty Awards (2001)	Number of Awards	National Rank	Control Rank	Institutional Control
Amherst College	5	105	36	Private
Cooper Union for the Advancement of Science & Art	5	105	36	Private
Florida Atlantic University	5	105	70	Public
Franklin & Marshall College	5	105	36	Private
Indiana University-Purdue University - Indianapolis	5	105	70	Public
Mount Holyoke College	5	105	36	Private
Oklahoma State University - Stillwater	5	105	70	Public
Pennsylvania State University - Hershey Medical Ctr	5	105	70	Public
San Diego State University	5	105	70	Public
San Francisco State University	5	105	70	Public
Temple University	5	105	70	Public
University of Louisville	5	105	70	Public
University of Maryland - Baltimore	5	105	70	Public
University of Massachusetts - Boston	5	105	70	Public
University of Tennessee - Knoxville	5	105	70	Public
University of Texas Health Science Center - Houston	5	105	70	Public
University of Wisconsin - Milwaukee	5	105	70	Public
Utah State University	5	105	70	Public
Virginia Polytechnic Institute and State University	5	105	70	Public
Yeshiva University	5	105	36	Private
Allegheny College	4	125	41	Private
Brigham Young University - Provo	4	125	41	Private
City University of New York - City College	4	125	85	Public
City University of New York - College of Staten Island	4	125	85	Public
Cleveland State University	4	125	85	Public
Connecticut College	4	125	41	Private
East Carolina University	4	125	85	Public
Florida International University	4	125	85	Public
George Washington University	4	125	41	Private
Illinois State University	4	125	85	Public
Kansas State University	4	125	85	Public
Northern Illinois University	4	125	85	Public
Ohio University - Athens	4	125	85	Public
Reed College	4	125	41	Private
Rensselaer Polytechnic Institute	4	125	41	Private
Smith College	4	125	41	Private
Southern Illinois University - Carbondale	4	125	85	Public
University at Buffalo	4	125	85	Public
University of California - Santa Cruz	4	125	85	Public
University of Delaware	4	125	85	Public
University of Houston - University Park	4	125	85	Public
University of Kansas Medical Center	4	125	85	Public
University of North Carolina - Greensboro	4	125	85	Public
University of Rhode Island	4	125	85	Public
University of South Florida	4	125	85	Public
University of Texas - San Antonio	4	125	85	Public
University of Wyoming	4	125	85	Public
Wake Forest University	4	125	41	Private
Wayne State University	4	125	85	Public
Wellesley College	4	125	41	Private
Wesleyan University	4	125	41	Private
West Virginia University	4	125	85	Public

The Top 200 Institutions – Faculty Awards (2001), continued

Institutions with at Least 3 Faculty Awards (2001)	Number of Awards	National Rank	Control Rank	Institutional Control
American University	3	157	51	Private
Auburn University - Auburn	3	157	107	Public
Bard College	3	157	51	Private
Barnard College	3	157	51	Private
Beloit College	3	157	51	Private
Binghamton University	3	157	107	Public
California State University - Northridge	3	157	107	Public
City University of New York - Queens College	3	157	107	Public
College of William and Mary	3	157	107	Public
Colorado School of Mines	3	157	107	Public
East Tennessee State University	3	157	107	Public
Fordham University	3	157	51	Private
Georgia Southern University	3	157	107	Public
Grand Valley State University	3	157	107	Public
Hofstra University	3	157	51	Private
Long Island University (Multiple campuses)	3	157	51	Private
Loyola Marymount University	3	157	51	Private
Marquette University	3	157	51	Private
Mary Washington College	3	157	107	Public
Mesa State College	3	157	107	Public
Middlebury College	3	157	51	Private
Mount Sinai School of Medicine	3	157	51	Private
New School University	3	157	51	Private
Northeastern University	3	157	51	Private
Oakland University	3	157	107	Public
Oberlin College	3	157	51	Private
Occidental College	3	157	51	Private
Portland State University	3	157	107	Public
Rutgers the State University of NJ - Newark	3	157	107	Public
San Jose State University	3	157	107	Public
Southwest Missouri State University	3	157	107	Public
Swarthmore College	3	157	51	Private
Texas Tech University	3	157	107	Public
Trinity College (CT)	3	157	51	Private
University of Alaska - Fairbanks	3	157	107	Public
University of Arkansas - Fayetteville	3	157	107	Public
University of Connecticut - Health Center	3	157	107	Public
University of Maine - Orono	3	157	107	Public
University of Maryland - Baltimore County	3	157	107	Public
University of Nebraska Medical Center	3	157	107	Public
University of North Dakota	3	157	107	Public
University of Northern Colorado	3	157	107	Public
University of Redlands	3	157	51	Private
Warren Wilson College	3	157	51	Private

The Top 200 Institutions – Doctorates Awarded (2001)

Top 50 Institutions in Doctorate Degrees Awarded (2001)	Number of Degrees	National Rank	Control Rank	Institutional Control
University of California - Berkeley	759	1	1	Public
University of Texas - Austin	733	2	2	Public
University of Illinois - Urbana-Champaign	667	3	3	Public
University of Wisconsin - Madison	661	4	4	Public
University of Minnesota - Twin Cities	632	5	5	Public
Ohio State University - Columbus	620	6	6	Public
University of California - Los Angeles	612	7	7	Public
University of Florida	574	8	8	Public
Stanford University	573	9	1	Private
University of Michigan - Ann Arbor	567	10	9	Public
Pennsylvania State University - University Park	526	11	10	Public
University of Southern California	522	12	2	Private
Harvard University	520	13	3	Private
Nova Southeastern University	519	14	4	Private
Texas A&M University	509	15	11	Public
Massachusetts Institute of Technology	492	16	5	Private
University of Washington - Seattle	486	17	12	Public
Cornell University	470	18	6	Private
Columbia University	465	19	7	Private
Purdue University - West Lafayette	464	20	13	Public
University of Maryland - College Park	430	21	14	Public
Michigan State University	414	22	15	Public
Indiana University - Bloomington	404	23	16	Public
University of North Carolina - Chapel Hill	398	24	17	Public
Rutgers the State University of NJ - New Brunswick	392	25	18	Public
Johns Hopkins University	384	26	8	Private
University of Pennsylvania	373	27	9	Private
University of Chicago	371	28	10	Private
New York University	368	29	11	Private
University of Pittsburgh - Pittsburgh	360	30	19	Public
University of Arizona	359	31	20	Public
University of Georgia	351	32	21	Public
Northwestern University	350	33	12	Private
University of California - Davis	337	34	22	Public
University of Iowa	334	35	23	Public
University of Virginia	316	36	24	Public
Yale University	313	37	13	Private
North Carolina State University	306	38	25	Public
Boston University	304	39	14	Private
University at Buffalo	294	40	26	Public
University of Colorado - Boulder	292	41	27	Public
University of California - San Diego	285	42	28	Public
University of Missouri - Columbia	278	43	29	Public
Arizona State University - Tempe	277	44	30	Public
Princeton University	268	45	15	Private
Virginia Polytechnic Institute and State University	268	45	31	Public
Louisiana State University - Baton Rouge	264	47	32	Public
University of Massachusetts - Amherst	261	48	33	Public
Duke University	259	49	16	Private
University of California - Santa Barbara	258	50	34	Public

The Top 200 Institutions – Doctorates Awarded (2001), continued

Top 51-100 Institutions in Doctorate Degrees Awarded (2001)	Number of Degrees	National Rank	Control Rank	Institutional Control
Georgia Institute of Technology	255	51	35	Public
Florida State University	252	52	36	Public
City University of NY - Graduate Sch and University Ctr	250	53	37	Public
University of Cincinnati - Cincinnati	248	54	38	Public
University of Tennessee - Knoxville	239	55	39	Public
Temple University	238	56	40	Public
Oklahoma State University - Stillwater	236	57	41	Public
University of Nebraska - Lincoln	235	58	42	Public
University of South Carolina - Columbia	235	58	42	Public
University of Connecticut - Storrs	234	60	44	Public
Iowa State University	232	61	45	Public
University at Stony Brook	231	62	46	Public
University of Kansas - Lawrence	231	62	46	Public
Wayne State University	230	64	48	Public
University of Kentucky	219	65	49	Public
University of Houston - University Park	209	66	50	Public
Case Western Reserve University	201	67	17	Private
University of Rochester	196	68	18	Private
Teachers College at Columbia University	195	69	19	Private
University of Illinois - Chicago	195	69	51	Public
George Washington University	192	71	20	Private
University of Utah	192	71	52	Public
Vanderbilt University	192	71	20	Private
Union Institute	190	74	22	Private
University of California - Irvine	187	75	53	Public
Washington University	175	76	23	Private
University of New Mexico - Albuquerque	174	77	54	Public
Carnegie Mellon University	169	78	24	Private
Fuller Theological Seminary in California	169	78	24	Private
Emory University	167	80	26	Private
University of Alabama - Tuscaloosa	166	81	55	Public
University of Delaware	162	82	56	Public
Oregon State University	161	83	57	Public
California Institute of Technology	159	84	27	Private
University of North Texas	159	84	58	Public
University of Oklahoma - Norman	158	86	59	Public
University of South Florida	158	86	59	Public
Colorado State University	157	88	61	Public
University of Oregon	156	89	62	Public
University of Hawaii - Manoa	154	90	63	Public
Auburn University - Auburn	153	91	64	Public
Washington State University - Pullman	149	92	65	Public
Kent State University - Kent	147	93	66	Public
Kansas State University	145	94	67	Public
Saint Louis University - St. Louis	144	95	28	Private
Texas Tech University	139	96	68	Public
George Mason University	138	97	69	Public
Brown University	135	98	29	Private
Georgia State University	134	99	70	Public
University of Notre Dame	132	100	30	Private

The Top 200 Institutions – Doctorates Awarded (2001), continued

Top 101-150 Institutions in Doctorate Degrees Awarded (2001)	Number of Degrees	National Rank	Control Rank	Institutional Control
West Virginia University	130	101	71	Public
University at Albany	129	102	72	Public
Rice University	126	103	31	Private
Tulane University	125	104	32	Private
California School of Professional Psych - San Diego	124	105	33	Private
Syracuse University	121	106	34	Private
University of Akron - Akron	121	106	73	Public
University of Alabama - Birmingham	121	106	73	Public
Southern Illinois University - Carbondale	120	109	75	Public
California School of Professional Psych - Alameda	118	110	35	Private
Loyola University Chicago	118	110	35	Private
Yeshiva University	115	112	37	Private
University of Southern Mississippi	112	113	76	Public
Fielding Graduate Institute	111	114	38	Private
Clemson University	110	115	77	Public
Boston College	109	116	39	Private
Claremont Graduate University	109	116	39	Private
University of Miami	109	116	39	Private
Alliant International University	108	119	42	Private
Fordham University	108	119	42	Private
Ohio University - Athens	106	121	78	Public
Brandeis University	104	122	44	Private
University of California - Santa Cruz	104	122	79	Public
Virginia Commonwealth University	104	122	79	Public
Binghamton University	100	125	81	Public
Bowling Green State University - Bowling Green	100	125	81	Public
Rensselaer Polytechnic Institute	100	125	45	Private
Mississippi State University	99	128	83	Public
University of Wisconsin - Milwaukee	98	129	84	Public
Howard University	96	130	46	Private
University of Rhode Island	95	131	85	Public
Northern Illinois University	94	132	86	Public
University of California - Riverside	94	132	86	Public
University of Denver	94	132	47	Private
University of California - San Francisco	93	135	88	Public
University of Texas - Arlington	93	135	88	Public
University of Memphis	92	137	90	Public
University of Mississippi - Oxford	92	137	90	Public
Catholic University of America	90	139	48	Private
Indiana University of Pennsylvania - Indiana	90	139	92	Public
University of Arkansas - Fayetteville	90	139	92	Public
Widener University - Chester	90	139	48	Private
University of Central Florida	89	143	94	Public
McCormick Theological Seminary	88	144	50	Private
Tufts University	88	144	50	Private
Texas Woman's University	87	146	95	Public
Lehigh University	86	147	52	Private
Pacific International University	81	148	53	Private
New Mexico State University - Las Cruces	79	149	96	Public
Brigham Young University - Provo	78	150	54	Private

The Top 200 Institutions – Doctorates Awarded (2001), continued

Top 151-199 Institutions in Doctorate Degrees Awarded (2001)	Number of Degrees	National Rank	Control Rank	Institutional Control
Northeastern University	77	151	55	Private
University of Toledo	77	151	97	Public
University of Missouri - Kansas City	76	153	98	Public
University of San Francisco	76	153	56	Private
University of South Dakota	76	153	98	Public
University of Texas Health Science Center - Houston	75	156	100	Public
University of Puerto Rico - Rio Piedras	74	157	101	Public
California Institute of Integral Studies	72	158	57	Private
University of Maryland - Baltimore	72	158	102	Public
Creighton University	71	160	58	Private
Georgetown University	71	160	58	Private
Baylor University	70	162	60	Private
University of Wyoming	70	162	103	Public
Florida International University	69	164	104	Public
University of Medicine & Dentistry of New Jersey	69	164	104	Public
University of Northern Colorado	69	164	104	Public
California School of Professional Psych - Fresno	68	167	61	Private
University of North Carolina - Greensboro	68	167	107	Public
American University	67	169	62	Private
Carlos Albizu University - Miami	67	169	62	Private
Duquesne University	67	169	62	Private
Kirkville College of Osteopathic Medicine	67	169	62	Private
Seton Hall University	67	169	62	Private
New Jersey Institute of Technology	66	174	108	Public
Old Dominion University	66	174	108	Public
Pepperdine University	66	174	67	Private
University of Texas - Dallas	66	174	108	Public
Utah State University	66	174	108	Public
University of Louisville	65	179	112	Public
Southern Baptist Theological Seminary	64	180	68	Private
Trinity International University	64	180	68	Private
University of Idaho	64	180	113	Public
Tennessee State University	63	183	114	Public
Drew University	60	184	70	Private
University of Nevada - Reno	60	184	115	Public
University of Vermont	60	184	115	Public
College of William and Mary	58	187	117	Public
Finch University of Health Science - Chicago Med School	58	187	71	Private
Illinois Institute of Technology	57	189	72	Private
Marquette University	57	189	72	Private
Western Michigan University	56	191	118	Public
Belmont University	55	192	74	Private
Indiana State University	53	193	119	Public
Rutgers the State University of NJ - Newark	53	193	119	Public
Southern Methodist University	53	193	75	Private
Ball State University	51	196	121	Public
Baylor College of Medicine	51	196	76	Private
Drexel University	51	196	76	Private
Dartmouth College	50	199	78	Private
New School University	50	199	78	Private
University of Maryland - Baltimore County	50	199	122	Public
University of Massachusetts - Lowell	50	199	122	Public

The Top 200 Institutions – Postdoctoral Appointees (2000)

Top 50 Institutions in Postdoctoral Appointees (2000)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Harvard University	3,491	1	1	Private
Stanford University	1,196	2	2	Private
Yeshiva University	1,122	3	3	Private
Johns Hopkins University	1,029	4	4	Private
University of Washington - Seattle	1,011	5	1	Public
University of California - San Diego	998	6	2	Public
University of California - Berkeley	933	7	3	Public
University of Pennsylvania	928	8	5	Private
University of California - Los Angeles	876	9	4	Public
Massachusetts Institute of Technology	794	10	6	Private
University of Colorado - Boulder	744	11	5	Public
University of Michigan - Ann Arbor	683	12	6	Public
Washington University	667	13	7	Private
Duke University	646	14	8	Private
University of Minnesota - Twin Cities	626	15	7	Public
Cornell University	610	16	9	Private
Yale University	597	17	10	Private
University of North Carolina - Chapel Hill	578	18	8	Public
University of Pittsburgh - Pittsburgh	560	19	9	Public
University of California - San Francisco	543	20	10	Public
University of Texas SW Medical Center - Dallas	543	20	10	Public
University of Southern California	515	22	11	Private
California Institute of Technology	495	23	12	Private
University of Arizona	471	24	12	Public
University of Wisconsin - Madison	471	24	12	Public
University of California - Davis	449	26	14	Public
Tufts University	435	27	13	Private
Baylor College of Medicine	430	28	14	Private
University of Virginia	402	29	15	Public
Vanderbilt University	397	30	15	Private
University at Stony Brook	394	31	16	Public
Thomas Jefferson University	383	32	16	Private
Emory University	373	33	17	Private
Case Western Reserve University	365	34	18	Private
University of California - Irvine	364	35	17	Public
University of Chicago	355	36	19	Private
Columbia University	352	37	20	Private
University of Iowa	352	37	18	Public
Princeton University	320	39	21	Private
Mayo Graduate School	314	40	22	Private
New York University	313	41	23	Private
University of Alabama - Birmingham	295	42	19	Public
University of Rochester	291	43	24	Private
Ohio State University - Columbus	288	44	20	Public
University of Florida	288	44	20	Public
Michigan State University	284	46	22	Public
University of Illinois - Chicago	283	47	23	Public
University of Utah	277	48	24	Public
University of Illinois - Urbana-Champaign	265	49	25	Public
Pennsylvania State University - University Park	261	50	26	Public

The Top 200 Institutions – Postdoctoral Appointees (2000), continued

Top 51-99 Institutions in Postdoctoral Appointees (2000)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Indiana University-Purdue University - Indianapolis	256	51	27	Public
University of Maryland - College Park	255	52	28	Public
University of Massachusetts Medical Sch - Worcester	247	53	29	Public
Purdue University - West Lafayette	243	54	30	Public
Texas A&M University	241	55	31	Public
University of Colorado Health Sciences Center	233	56	32	Public
University at Buffalo	232	57	33	Public
Rockefeller University	231	58	25	Private
University of Kentucky	224	59	34	Public
University of Cincinnati - Cincinnati	220	60	35	Public
University of Texas Medical Branch - Galveston	215	61	36	Public
University of Texas - Austin	213	62	37	Public
University of Texas MD Anderson Cancer Center	208	63	38	Public
University of Georgia	205	64	39	Public
University of Texas Health Science Center - Houston	201	65	40	Public
University of California - Riverside	190	66	41	Public
Iowa State University	180	67	42	Public
University of Missouri - Columbia	179	68	43	Public
University of California - Santa Barbara	176	69	44	Public
University of South Carolina - Columbia	169	70	45	Public
Indiana University - Bloomington	167	71	46	Public
Medical University of South Carolina	165	72	47	Public
University of Maryland - Baltimore	165	72	47	Public
University of California - Santa Cruz	163	74	49	Public
Washington State University - Pullman	157	75	50	Public
University of Miami	154	76	26	Private
Rutgers the State University of NJ - New Brunswick	153	77	51	Public
Colorado State University	144	78	52	Public
Oregon Health & Science University	142	79	53	Public
Virginia Commonwealth University	139	80	54	Public
Northwestern University	135	81	27	Private
University of Connecticut - Health Center	135	81	55	Public
University of Delaware	135	81	55	Public
University of Nebraska - Lincoln	133	84	57	Public
University of Massachusetts - Amherst	131	85	58	Public
Carnegie Mellon University	130	86	28	Private
Boston University	129	87	29	Private
Wayne State University	128	88	59	Public
University of Medicine & Dentistry of New Jersey	127	89	60	Public
Virginia Polytechnic Institute and State University	126	90	61	Public
Rice University	123	91	30	Private
North Carolina State University	118	92	62	Public
Medical College of Wisconsin	111	93	31	Private
Dartmouth College	107	94	32	Private
Oregon State University	107	94	63	Public
University of Louisville	107	94	63	Public
Wake Forest University	104	97	33	Private
Florida State University	102	98	65	Public
University of Kansas - Lawrence	101	99	66	Public
University of Tennessee - Knoxville	101	99	66	Public

The Top 200 Institutions – Postdoctoral Appointees (2000)

Top 101-150 Institutions in Postdoctoral Appointees (2000)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Kansas State University	100	101	68	Public
University of Tennessee Health Science Center	99	102	69	Public
Georgia Institute of Technology	98	103	70	Public
MCP Hahnemann University	98	103	34	Private
Brandeis University	97	105	35	Private
University of Vermont	97	105	71	Public
University of Connecticut - Storrs	93	107	72	Public
University of Notre Dame	90	108	36	Private
University of Texas Health Science Ctr - San Antonio	89	109	73	Public
Louisiana State University - Baton Rouge	88	110	74	Public
Medical College of Georgia	88	110	74	Public
Uniformed Services University of the Health Sciences	85	112	76	Public
University of New Mexico - Albuquerque	84	113	77	Public
Brown University	81	114	37	Private
Texas Tech University	80	115	78	Public
Louisiana State University Health Sciences Center	78	116	79	Public
Loyola University Chicago	76	117	38	Private
University of Missouri - Kansas City	75	118	80	Public
University of Wyoming	74	119	81	Public
Rensselaer Polytechnic Institute	72	120	39	Private
Drexel University	70	121	40	Private
Montana State University - Bozeman	70	121	82	Public
Tulane University	70	121	40	Private
University of Nebraska Medical Center	70	121	82	Public
University of Oklahoma - Norman	70	121	82	Public
City University of NY - Graduate Sch and University Ctr	69	126	85	Public
Temple University	65	127	86	Public
University of Houston - University Park	65	127	86	Public
University of Oregon	65	127	86	Public
University of Rhode Island	61	130	89	Public
Arizona State University - Tempe	60	131	90	Public
Georgetown University	59	132	42	Private
Saint Louis University - St. Louis	56	133	43	Private
University of South Florida	56	133	91	Public
University of Kansas Medical Center	54	135	92	Public
University of Oklahoma Health Sciences Center	54	135	92	Public
University of Akron - Akron	52	137	94	Public
University of Hawaii - Manoa	52	137	94	Public
Pennsylvania State University - Hershey Medical Ctr	51	139	96	Public
West Virginia University	45	140	97	Public
Georgia State University	44	141	98	Public
Rush University	44	141	44	Private
Clarkson University	43	143	45	Private
University of Arkansas - Fayetteville	43	143	99	Public
Oklahoma State University - Stillwater	42	145	100	Public
Rutgers the State University of NJ - Newark	41	146	101	Public
City University of New York - City College	39	147	102	Public
OHSU - Oregon Graduate Institute Sch of Sci & Eng	39	147	102	Public
Polytechnic University	39	147	46	Private
Texas A&M University System Health Sciences Center	39	147	102	Public
Boston College	38	151	47	Private
North Dakota State University	38	151	105	Public
University of Alabama - Tuscaloosa	38	151	105	Public
University of Maryland - Baltimore County	38	151	105	Public

The Top 200 Institutions – Postdoctoral Appointees (2000), continued

Top 155-199 Institutions in Postdoctoral Appointees (2000)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Auburn University - Auburn	36	155	108	Public
Medical College of Ohio	36	155	108	Public
Clemson University	35	157	110	Public
George Washington University	35	157	48	Private
Loma Linda University	35	157	48	Private
Northeastern University	35	157	48	Private
University of Arkansas for Medical Sciences	35	157	110	Public
Lehigh University	34	162	51	Private
New York Medical College	33	163	52	Private
University of New Orleans	33	163	112	Public
University of Toledo	32	165	113	Public
Florida International University	31	166	114	Public
Ohio University - Athens	31	166	114	Public
University of North Texas Health Science Ctr - Fort Worth	31	166	114	Public
University of Denver	30	169	53	Private
University of Texas - Dallas	30	169	117	Public
University of North Texas	29	171	118	Public
Utah State University	29	171	118	Public
Mississippi State University	28	173	120	Public
Syracuse University	28	173	54	Private
University of Wisconsin - Milwaukee	27	175	121	Public
Worcester Polytechnic Institute	27	175	55	Private
University of Maine - Orono	26	177	122	Public
Albany Medical College	25	178	56	Private
Illinois Institute of Technology	25	178	56	Private
Morehouse School of Medicine	25	178	56	Private
State Univ. of New York Upstate Medical University	25	178	123	Public
University of Idaho	25	178	123	Public
University of New Hampshire - Durham	24	183	125	Public
University of Nevada - Las Vegas	23	184	126	Public
University of South Alabama - Mobile	23	184	126	Public
Wright State University - Dayton	23	184	126	Public
Miami University - Oxford	21	187	129	Public
University of Texas - Arlington	21	187	129	Public
Woods Hole Oceanographic Institution	21	187	59	Private
University of Mississippi Medical Center	20	190	131	Public
University of Missouri - St. Louis	20	190	131	Public
University of Mississippi - Oxford	19	192	133	Public
East Carolina University	18	193	134	Public
Marquette University	18	193	60	Private
University of Missouri - Rolla	18	193	134	Public
College of William and Mary	17	196	136	Public
Old Dominion University	17	196	136	Public
University of Montana - Missoula	17	196	136	Public
Meharry Medical College	16	199	61	Private
New York Institute of Technology (Multiple campuses)	16	199	61	Private
University of Massachusetts - Lowell	16	199	139	Public
University of Tulsa	16	199	61	Private

The Top 200 Institutions – SAT Scores (2000)

Top 47 Institutions in Median SAT Score (2000)	Median SAT Score	National Rank	Control Rank	Institutional Control
California Institute of Technology	1515	1	1	Private
Princeton University	1490	2	2	Private
Harvard University	1485	3	3	Private
Massachusetts Institute of Technology	1485	3	3	Private
Harvey Mudd College	1480	5	5	Private
Yale University	1465	6	6	Private
Stanford University	1460	7	7	Private
Pomona College	1435	8	8	Private
Swarthmore College	1435	8	8	Private
Dartmouth College	1425	10	10	Private
University of Pennsylvania	1425	10	10	Private
Columbia University	1410	12	12	Private
Middlebury College	1410	12	12	Private
Rice University	1410	12	12	Private
Williams College	1410	12	12	Private
Amherst College	1400	16	16	Private
Duke University	1400	16	16	Private
Brown University	1390	18	18	Private
Claremont McKenna College	1390	18	18	Private
Johns Hopkins University	1390	18	18	Private
University of Chicago	1385	21	21	Private
Emory University	1380	22	22	Private
Northwestern University	1380	22	22	Private
Carleton College	1375	24	24	Private
Cooper Union for the Advancement of Science & Art	1375	24	24	Private
Carnegie Mellon University	1370	26	26	Private
Washington University	1370	26	26	Private
Cornell University	1365	28	28	Private
Georgetown University	1365	28	28	Private
Wesleyan University	1365	28	28	Private
Bowdoin College	1360	31	31	Private
Haverford College	1355	32	32	Private
Wellesley College	1355	32	32	Private
University of Notre Dame	1350	34	34	Private
Yassar College	1350	34	34	Private
Washington and Lee University	1350	34	34	Private
Webb Institute	1350	34	34	Private
Case Western Reserve University	1345	38	38	Private
St. John's College (MD)	1340	39	39	Private
Georgia Institute of Technology	1335	40	1	Public
Macalester College	1335	40	40	Private
New York University	1335	40	40	Private
Rose-Hulman Institute of Technology	1335	40	40	Private
Bates College	1330	44	43	Private
Davidson College	1330	44	43	Private
Grinnell College	1330	44	43	Private
Reed College	1325	47	46	Private
Tufts University	1325	47	46	Private

The Top 200 Institutions – SAT Scores (2000), continued

Top 49-100 Institutions in Median SAT Score (2000)	Median SAT Score	National Rank	Control Rank	Institutional Control
Barnard College	1320	49	48	Private
Brandeis University	1320	49	48	Private
Colby College	1320	49	48	Private
Colgate University	1320	49	48	Private
College of William and Mary	1320	49	2	Public
University of California - Berkeley	1320	49	2	Public
University of Rochester	1320	49	48	Private
Wheaton College (IL)	1320	49	48	Private
Oberlin College	1315	57	54	Private
St. John's College (NM)	1310	58	55	Private
University of Richmond	1310	58	55	Private
Vanderbilt University	1310	58	55	Private
Whitman College	1310	58	55	Private
Boston College	1305	62	59	Private
University of Southern California	1305	62	59	Private
University of Virginia	1305	62	4	Public
Bryn Mawr College	1300	65	61	Private
Illinois Institute of Technology	1300	65	61	Private
New College of Florida	1300	65	5	Public
Wake Forest University	1300	65	61	Private
US Naval Academy	1295	69	6	Public
Kalamazoo College	1290	70	64	Private
Kenyon College	1290	70	64	Private
Stevens Institute of Technology	1285	72	66	Private
University of California - Los Angeles	1285	72	7	Public
Manhattanville College	1280	74	67	Private
Rhodes College (TN)	1280	74	67	Private
Scripps College	1280	74	67	Private
Trinity University	1280	74	67	Private
University of Michigan - Ann Arbor	1280	74	8	Public
Bucknell University	1275	79	71	Private
Rensselaer Polytechnic Institute	1275	79	71	Private
Boston University	1270	81	73	Private
Lehigh University	1270	81	73	Private
Trinity College (CT)	1270	81	73	Private
US Air Force Academy	1270	81	9	Public
US Merchant Marine Academy	1270	81	9	Public
Worcester Polytechnic Institute	1270	81	73	Private
College of the Atlantic	1265	87	77	Private
Grove City College	1265	87	77	Private
Mount Holyoke College	1265	87	77	Private
St. Olaf College	1265	87	77	Private
Smith College	1264	91	81	Private
Franklin & Marshall College	1260	92	82	Private
Thomas Aquinas College	1260	92	82	Private
Yeshiva University	1260	92	82	Private
Furman University	1255	95	85	Private
Hendrix College	1255	95	85	Private
Illinois Wesleyan University	1255	95	85	Private
Lawrence University	1255	95	85	Private
Simon's Rock College of Bard	1255	95	85	Private
US Military Academy	1255	95	11	Public

The Top 200 Institutions – SAT Scores (2000), *continued*

Top 101-147 Institutions in Median SAT Score (2000)	Median SAT Score	National Rank	Control Rank	Institutional Control
College of New Jersey	1250	101	12	Public
Hamilton College (NY)	1250	101	90	Private
Hampshire College	1250	101	90	Private
Lafayette College	1250	101	90	Private
Pepperdine University	1250	101	90	Private
University of Maryland - College Park	1250	101	12	Public
US Coast Guard Academy	1250	101	12	Public
Beloit College	1245	108	94	Private
Colorado College	1245	108	94	Private
Lewis & Clark College	1245	108	94	Private
Sarah Lawrence College	1245	108	94	Private
University of Illinois - Urbana-Champaign	1245	108	15	Public
University of Missouri - Rolla	1245	108	15	Public
University of Puget Sound	1245	108	94	Private
University of Wisconsin - Madison	1245	108	15	Public
Villanova University	1245	108	94	Private
Colorado School of Mines	1240	117	18	Public
College of the Holy Cross	1235	118	100	Private
George Washington University	1235	118	100	Private
New School University	1235	118	100	Private
Southwestern University	1235	118	100	Private
Tulane University	1235	118	100	Private
University of North Carolina - Chapel Hill	1235	118	19	Public
Bard College	1230	124	105	Private
Kettering University	1230	124	105	Private
Gustavus Adolphus College	1225	126	107	Private
Knox College	1225	126	107	Private
Pitzer College	1225	126	107	Private
Polytechnic University	1225	126	107	Private
Skidmore College	1225	126	107	Private
State Univ. of New York - College at Geneseo	1225	126	20	Public
Truman State University	1225	126	20	Public
University of Dallas	1225	126	107	Private
University of the South	1225	126	107	Private
Austin College	1220	135	114	Private
Brigham Young University - Provo	1220	135	114	Private
Dickinson College	1220	135	114	Private
Hillsdale College	1220	135	114	Private
Santa Clara University	1220	135	114	Private
St. Mary's College of Maryland	1220	135	22	Public
Bennington College	1215	141	119	Private
Drew University	1215	141	119	Private
Loyola College in Maryland	1215	141	119	Private
Milwaukee School of Engineering	1215	141	119	Private
Saint Joseph's University	1215	141	119	Private
Union College (NY)	1215	141	119	Private
Allegheny College	1210	147	125	Private
Binghamton University	1210	147	23	Public
Iowa State University	1210	147	23	Public
Miami University - Oxford	1210	147	23	Public
Occidental College	1210	147	125	Private
University of Florida	1210	147	23	Public
University of Georgia	1210	147	23	Public

The Top 200 Institutions – SAT Scores (2000), continued

Top 154-195 Institutions in Median SAT Score (2000)	Median SAT Score	National Rank	Control Rank	Institutional Control
Agnes Scott College	1205	154	127	Private
Babson College	1205	154	127	Private
Denison University	1205	154	127	Private
Oglethorpe University	1205	154	127	Private
Syracuse University	1205	154	127	Private
University of Tulsa	1205	154	127	Private
Willamette University	1205	154	127	Private
University of Minnesota - Twin Cities	1203	161	28	Public
Centre College of Kentucky	1200	162	134	Private
Christendom College	1200	162	134	Private
Gettysburg College	1200	162	134	Private
Mary Washington College	1200	162	29	Public
Michigan Technological University	1200	162	29	Public
Muhlenberg College	1200	162	134	Private
University of Missouri - Columbia	1200	162	29	Public
Wheaton College (MA)	1200	162	134	Private
American University	1195	170	139	Private
Calvin College	1195	170	139	Private
Earlham College	1195	170	139	Private
Ohio Wesleyan University	1195	170	139	Private
Rochester Institute of Technology	1195	170	139	Private
University of Texas - Austin	1195	170	32	Public
Valparaiso University	1195	170	139	Private
Wofford College	1195	170	139	Private
Birmingham-Southern College	1190	178	146	Private
Bradley University	1190	178	146	Private
Luther College	1190	178	146	Private
Marlboro College	1190	178	146	Private
St. John's University (MN)	1190	178	146	Private
University of Minnesota - Morris	1190	178	33	Public
Ursinus College	1190	178	146	Private
Westmont College	1190	178	146	Private
Clarkson University	1185	186	153	Private
Duquesne University	1185	186	153	Private
Emerson College	1185	186	153	Private
Millsaps College	1185	186	153	Private
North Carolina State University	1185	186	34	Public
Northwestern College (MN)	1185	186	153	Private
Pennsylvania State University - University Park	1185	186	34	Public
Randolph-Macon Woman's College	1185	186	153	Private
University of California - Santa Barbara	1185	186	34	Public
Augustana College (IL)	1180	195	159	Private
Baylor University	1180	195	159	Private
Cedarville University	1180	195	159	Private
Clark University (MA)	1180	195	159	Private
Clemson University	1180	195	37	Public
Goucher College	1180	195	159	Private
Hope College	1180	195	159	Private
New Mexico Institute of Mining and Technology	1180	195	37	Public
Providence College	1180	195	159	Private
Rutgers the State University of NJ - New Brunswick	1180	195	37	Public
Texas A&M University	1180	195	37	Public
Transylvania University	1180	195	159	Private
University of California - San Diego	1180	195	37	Public
University of Maryland - Baltimore County	1180	195	37	Public
Wittenberg University	1180	195	159	Private

The Top 200 Institutions – National Merit Scholars (2001)

Top 50 Institutions in Merit and Achievement Scholars (2001)	Number of Scholars	National Rank	Control Rank	Institutional Control
Harvard University	415	1	1	Private
Stanford University	315	2	2	Private
University of Texas - Austin	236	3	1	Public
University of California - Berkeley	233	4	2	Public
Yale University	200	5	3	Private
University of Florida	197	6	3	Public
Massachusetts Institute of Technology	185	7	4	Private
Texas A&M University	178	8	4	Public
Princeton University	174	9	5	Private
University of Chicago	174	9	5	Private
Rice University	170	11	7	Private
New York University	167	12	8	Private
Washington University	165	13	9	Private
University of North Carolina - Chapel Hill	160	14	5	Public
University of Southern California	155	15	10	Private
Northwestern University	139	16	11	Private
Iowa State University	125	17	6	Public
Georgia Institute of Technology	124	18	7	Public
Duke University	119	19	12	Private
Arizona State University - Tempe	116	20	8	Public
University of Oklahoma - Norman	116	20	8	Public
Ohio State University - Columbus	115	22	10	Public
Vanderbilt University	115	22	13	Private
Brigham Young University - Provo	112	24	14	Private
University of Kansas - Lawrence	106	25	11	Public
Florida State University	98	26	12	Public
University of Pennsylvania	98	26	15	Private
Johns Hopkins University	90	28	16	Private
Carleton College	89	29	17	Private
University of California - Los Angeles	86	30	13	Public
Brown University	82	31	18	Private
Purdue University - West Lafayette	76	32	14	Public
University of Michigan - Ann Arbor	72	33	15	Public
Cornell University	69	34	19	Private
Columbia University	67	35	20	Private
Oberlin College	67	35	20	Private
University of Arizona	67	35	16	Public
Michigan State University	66	38	17	Public
Baylor University	56	39	22	Private
California Institute of Technology	55	40	23	Private
Emory University	55	40	23	Private
Macalester College	55	40	23	Private
Tulane University	55	40	23	Private
University of Minnesota - Twin Cities	54	44	18	Public
Boston University	53	45	27	Private
University of Georgia	53	45	19	Public
Florida A&M University	52	47	20	Public
University of California - San Diego	52	47	20	Public
Wheaton College (IL)	50	49	28	Private
Case Western Reserve University	49	50	29	Private
University of Kentucky	49	50	22	Public
University of Virginia	49	50	22	Public

The Top 200 Institutions – National Merit Scholars (2001), continued

Top 53-102 Institutions in Merit and Achievement Scholars (2001)	Number of Scholars	National Rank	Control Rank	Institutional Control
University of Maryland - College Park	47	53	24	Public
Dartmouth College	45	54	30	Private
University of Notre Dame	44	55	31	Private
University of South Carolina - Columbia	42	56	25	Public
Louisiana State University - Baton Rouge	41	57	26	Public
Swarthmore College	41	57	32	Private
University of Washington - Seattle	41	57	26	Public
Tufts University	40	60	33	Private
Harvey Mudd College	39	61	34	Private
University of Nebraska - Lincoln	39	61	28	Public
University of Alabama - Tuscaloosa	38	63	29	Public
North Carolina State University	37	64	30	Public
University of Tennessee - Knoxville	37	64	30	Public
University of Iowa	36	66	32	Public
University of Rochester	35	67	35	Private
Clemson University	33	68	33	Public
University of Utah	33	68	33	Public
Brandeis University	31	70	36	Private
Mississippi State University	31	70	35	Public
St. Olaf College	31	70	36	Private
Washington and Lee University	31	70	36	Private
Furman University	30	74	39	Private
Virginia Polytechnic Institute and State University	30	74	36	Public
Williams College	29	76	40	Private
Howard University	28	77	41	Private
Miami University - Oxford	28	77	37	Public
University of Illinois - Urbana-Champaign	28	77	37	Public
University of Richmond	28	77	41	Private
University of Miami	27	81	43	Private
University of Mississippi - Oxford	27	81	39	Public
Auburn University - Auburn	26	83	40	Public
Bowdoin College	26	83	44	Private
Carnegie Mellon University	26	83	44	Private
Georgetown University	26	83	44	Private
Grinnell College	26	83	44	Private
Rutgers the State University of NJ - New Brunswick	26	83	40	Public
University of Tulsa	26	83	44	Private
University of Wisconsin - Madison	26	83	40	Public
Calvin College	25	91	49	Private
George Washington University	25	91	49	Private
Pennsylvania State University - University Park	25	91	43	Public
Pomona College	25	91	49	Private
University of Central Florida	25	91	43	Public
Rose-Hulman Institute of Technology	24	96	52	Private
Kenyon College	23	97	53	Private
University of Arkansas - Fayetteville	23	97	45	Public
Texas Tech University	22	99	46	Public
University of Puget Sound	22	99	54	Private
Ball State University	21	101	47	Public
Saint Louis University - St. Louis	20	102	55	Private
University of California - Davis	20	102	48	Public
University of Missouri - Columbia	20	102	48	Public
Wake Forest University	20	102	55	Private

The Top 200 Institutions – National Merit Scholars (2001), *continued*

Top 106-151 Institutions in Merit and Achievement Scholars (2001)	Number of Scholars	National Rank	Control Rank	Institutional Control
Oklahoma State University - Stillwater	19	106	50	Public
Valparaiso University	19	106	57	Private
Amherst College	18	108	58	Private
Gustavus Adolphus College	18	108	58	Private
Claremont McKenna College	17	110	60	Private
Indiana University - Bloomington	17	110	51	Public
Spelman College	17	110	60	Private
University of California - Irvine	17	110	51	Public
University of Dayton	17	110	60	Private
University of Texas - Dallas	17	110	51	Public
Whitman College	17	110	60	Private
College of William and Mary	16	117	54	Public
Gonzaga University	16	117	64	Private
Rensselaer Polytechnic Institute	16	117	64	Private
Rhodes College (TN)	16	117	64	Private
University of Delaware	16	117	54	Public
University of North Texas	16	117	54	Public
University of South Florida	16	117	54	Public
Scripps College	15	124	67	Private
University of Dallas	15	124	67	Private
University of Houston - University Park	15	124	58	Public
Wesleyan University	15	124	67	Private
Bradley University	14	128	70	Private
Trinity University	14	128	70	Private
Worcester Polytechnic Institute	14	128	70	Private
Boston College	13	131	73	Private
DePauw University	13	131	73	Private
Harding University	13	131	73	Private
Hope College	13	131	73	Private
Kansas State University	13	131	59	Public
Rochester Institute of Technology	13	131	73	Private
Southern Methodist University	13	131	73	Private
University of Pittsburgh - Pittsburgh	13	131	59	Public
Bowling Green State University - Bowling Green	12	139	61	Public
Butler University	12	139	79	Private
Colorado College	12	139	79	Private
Messiah College	12	139	79	Private
Villanova University	12	139	79	Private
Wellesley College	12	139	79	Private
Lehigh University	11	145	84	Private
Oregon State University	11	145	62	Public
Truman State University	11	145	62	Public
University of California - Santa Barbara	11	145	62	Public
University of Wyoming	11	145	62	Public
West Virginia University	11	145	62	Public
Birmingham-Southern College	10	151	85	Private
Kalamazoo College	10	151	85	Private
Marquette University	10	151	85	Private
University of Alabama - Birmingham	10	151	67	Public
University of Oregon	10	151	67	Public
University of St. Thomas (MN)	10	151	85	Private

The Top 200 Institutions – National Merit Scholars (2001), continued

Top 157-199 Institutions in Merit and Achievement Scholars (2001)	Number of Scholars	National Rank	Control Rank	Institutional Control
Abilene Christian University	9	157	89	Private
Colorado State University	9	157	69	Public
Denison University	9	157	89	Private
Ohio University - Athens	9	157	69	Public
University of Cincinnati - Cincinnati	9	157	69	Public
University of Louisville	9	157	69	Public
University of Maryland - Baltimore County	9	157	69	Public
Utah State University	9	157	69	Public
Alfred University	8	165	91	Private
Davidson College	8	165	91	Private
Franklin & Marshall College	8	165	91	Private
Hendrix College	8	165	91	Private
Hillsdale College	8	165	91	Private
Illinois Wesleyan University	8	165	91	Private
Loyola University Chicago	8	165	91	Private
Luther College	8	165	91	Private
Morehouse College	8	165	91	Private
University of Idaho	8	165	75	Public
Willamette University	8	165	91	Private
Hamline University	7	176	101	Private
Michigan Technological University	7	176	76	Public
Oral Roberts University	7	176	101	Private
Sarah Lawrence College	7	176	101	Private
Seattle Pacific University	7	176	101	Private
University of South Dakota	7	176	76	Public
University of the South	7	176	101	Private
American University	6	183	106	Private
Bucknell University	6	183	106	Private
Centre College of Kentucky	6	183	106	Private
College of the Holy Cross	6	183	106	Private
College of Wooster	6	183	106	Private
Gordon College (MA)	6	183	106	Private
Hamilton College (NY)	6	183	106	Private
Ithaca College	6	183	106	Private
North Dakota State University	6	183	78	Public
Pepperdine University	6	183	106	Private
Samford University	6	183	106	Private
Southwest Missouri State University	6	183	78	Public
University of Alaska - Fairbanks	6	183	78	Public
University of Colorado - Boulder	6	183	78	Public
University of Montana - Missoula	6	183	78	Public
Xavier University	6	183	106	Private
California Polytechnic State Univ - San Luis Obispo	5	199	83	Public
Drake University	5	199	117	Private
Earlham College	5	199	117	Private
Knox College	5	199	117	Private
Lewis & Clark College	5	199	117	Private
Middlebury College	5	199	117	Private
St. Cloud State University	5	199	83	Public
University of Memphis	5	199	83	Public
University of Missouri - Rolla	5	199	83	Public

Source Notes

The Center Measures

Total Research Expenditures Federal Research Expenditures

Source: NSF/SRS Survey of R&D Expenditures at Universities and Colleges, FY 2000.

Each year, the National Science Foundation (NSF) collects data from hundreds of academic institutions on expenditures for research and development in science and engineering fields and classifies them by source of funds (e.g., federal government, state and local government, industry, etc.). These data are the primary source of information on academic research and development (R&D) expenditures in the United States. Included in this survey are all activities specifically organized to produce research outcomes that are separately budgeted and accounted for. This “organized research” may be funded by an external agency or organization (“sponsored research”) or by a separately budgeted organizational unit within the institution (“university research”). This report excludes activities sponsored by external agencies that involve instruction, training (except training in research techniques, which is considered organized research), and health service, community service or extension service projects.

All Federally Funded Research Labs (FFRLs) are excluded from these academic expenditures data, including the following: Jet Propulsion Laboratory (California Institute of Technology); Los Alamos National Lab, Lawrence Livermore Lab, Lawrence Berkeley Lab (University of California); Software Engineering Institute (Carnegie Mellon); Argonne National Laboratory (University of Chicago); National Astronomy and Ionospheric Center (Cornell); Ames Laboratory (Iowa State University); Lincoln Laboratory (MIT); Plasma Physics Lab (Princeton); and Linear Accelerator Center (Stanford). The NSF data no longer classify the Applied Physics Lab (APL) at Johns Hopkins as an FFRL, but federal funds support the vast majority of research conducted there. The APL makes up nearly one-half of Johns Hopkins’ total R&D expenditures and 53 percent of its federal R&D expenditures.

While inconsistencies in reporting (known and unknown) do exist here, as in any survey of this type, problems arise mostly when one breaks out the data by source of funds. NSF expects institutions to use year-end accounting records to complete this report, and there are nationally recognized accounting guidelines for higher education institutions. However, there are also countless variations in institutional policy that

determine whether the university reports a particular expenditure as coming from one source or another, or possibly not counted at all. Take federal formula funds for agriculture (e.g., Hatch-McIntire, Smith-Lever) as an example. We conducted an informal survey of the appropriate institutions in the Association of American Universities (AAU) and found that two out of eleven land grants did not include any of these federal funds in their 1997 NSF data, while others included all or some of these monies. Because these funds make up a very small percentage of the total research expenditures in any given year, the impact on our total research rankings is slight. The agriculture formula funds will have a somewhat greater, but still small, impact on the federal research rankings. NSF notes, “An increasing number of institutions have linkages with industry and foundations via subcontracts, thus complicating the identification of funding source. In addition, institutional policy may determine whether unrestricted state support is reported as state or as institutional funds.”¹

We believe that the reporting inconsistencies in the data are relatively minor when using the total research expenditures and the federal research component. Federal and state government audits of institutional accounting make deceptive practices highly unlikely, even though these entities do not audit the NSF data directly. NSF goes to great lengths to verify the accuracy of the data, especially federal expenditure data—checking them against several other federal agencies that collect the same or similar information. In fact, all major federal agencies and their subdivisions submit data to NSF identifying research obligations to universities each year. Historically, the NSF data have tracked very closely the data reported by universities.² Further, for their National Patterns of R&D Resources series, NSF prefers to use the figures reported by the performers of the work (that is, academic institutions, industry, nonprofits) because they believe that the performers are in the best position to accurately report these expenditures.

In some sections of this report, these expenditure data are deflated to constant 1998 dollars to show real change over time. While NSF uses the Gross Domestic Price (GDP) implicit price deflator in its reports on federal trends in research, we use the Research & Development Price Index (R&DPI) because of its narrower focus. Developed by Research Associates of Washington, the R&DPI is based on prices of goods and services bought by universities through current direct expenditures for sponsored research, including faculty salary data as reported by the American

Association of University Professors (AAUP).³ In contrast, the GDP implicit price deflator is based on change in the entire U.S. economy and, as noted by NSF itself, “[its] use more accurately reflects an ‘opportunity cost’ criterion [i.e., the value of R&D in terms of the amount of other goods and services that could have been spent with the same amount of money], rather than a measure of cost changes of doing research.”⁴

The research trend data always reflect the most recent published data available because NSF allows institutions to submit revised figures for up to two years. Each year, NSF reports data for the current year as well as for the previous seven years. Specifically, we use the 2000 Survey data for fiscal years (FYs) 1998-00, the 1999 Survey for FYs 1992-97 data, and the 1998 Survey for FY 1991 data. NSF’s published nationwide totals for academic R&D expenditures will not always match the corresponding totals in this study due to NSF’s sampling procedures for smaller or non-reporting institutions. In some years, rather than identifying the institutions individually, NSF provides one aggregate figure for all sampled institutions.

Endowment Assets

Source: NACUBO Endowment Study as reported in the *Chronicle of Higher Education*, endowment market value as of June 30, 2001.

Institutions report the market value of their endowment assets as of June 30 to three different sources, and they quite often use three different values. For this project, we use the National Association of College and University Business Officers (NACUBO) Endowment Study because of NACUBO’s long history of reporting endowments of higher education institutions, their emphasis on using audited financial statements, and their focus on net assets (i.e., includes returns on investments and excludes investment fees and other withdrawals). NACUBO conducts its study annually and reports the results each February in the *Chronicle of Higher Education*.

Another source for endowment assets is the Council for Aid to Education’s (CAE) annual

Voluntary Support of Education (VSE) survey, cosponsored by the Council for Advancement and Support of Education (CASE) and the National Association of Independent Schools. The VSE survey is useful as a secondary resource because it provides more single-campus data than the other two sources. For those institutions that report a system-wide total to NACUBO, we often use the VSE data to calculate a campus’ percentage contribution to the entire system, applying that factor to the NACUBO figure. In other cases, we may substitute the VSE figure when the institution indicates that this is a good data source.

The National Center for Education Statistics (NCES) Integrated Postsecondary Education Data System (IPEDS) Finance Survey also collects information on endowment assets, but these figures are often much lower than the two other sources and also are available much later. Although IPEDS instructions say to report endowment assets for “the institution and any of its foundations or affiliated organizations,” it appears that not all institutions do so.

The fact that the NACUBO study requests net assets, while IPEDS and the VSE survey request gross assets, cannot explain the large differences found in some cases. In calling various institutions, we found it very difficult to determine exactly why the numbers vary so greatly. Oftentimes, two or more individuals at an institution independently report figures for these three reports with no clear understanding of how or why the numbers differ. An examination of the 1997 endowment figures provided by these institutions showed only one university (University of North Carolina at Chapel Hill) that submitted the same figure to each of the three organizations. We discovered no consistent pattern to explain reporting variations among the institutions. This area definitely warrants more study.

Annual Giving

Source: Council for Aid to Education’s Voluntary Support of Education (VSE) Survey, FY 2001.

The Council for Aid to Education (CAE), an independent subsidiary of RAND, has produced the Voluntary Support of Education (VSE) Survey since 1986. The annual giving data include all contributions actually received during the institution’s fiscal year in the form of cash, securities, company products, and other property from alumni, non-alumni individuals, corporations, foundations, religious organizations, and other groups. Not included in the totals are public funds, earnings on investments held by the institution, and unfulfilled pledges.

1. *Academic R&D Expenditures, FY 2000: Technical Notes* (On-line: <http://www.nsf.gov/sbe/srs/nsf02308/secta.htm>)

2. *National Patterns of R&D Resources, 1998: Technical Notes* (On-line: <http://www.nsf.gov/sbe/srs/nsf99335/appa.htm>)

3. *Inflation Measures for Schools, Colleges, and Libraries: 1998 Update*, Research Associates of Washington, Washington, DC.

4. *National Patterns of R&D Resources, 1998: Technical Notes* (On-line: <http://www.nsf.gov/sbe/srs/nsf99335/appa.htm>)

CAE's VSE Data Miner service, available on-line, provides 10 years of data for all participating institutions (more than 1,600 universities and colleges). Although this is a subscription-based service and requires a user ID and password, limited access is available on-line at [<http://www.cae.org/vse>].

National Academy Members

Source: National Academy of Sciences, National Academy of Engineering, and Institute of Medicine membership directories for 2001.

One of the highest honors that academic faculty can receive is membership in the National Academy of Sciences (NAS), the National Academy of Engineering (NAE), or the Institute of Medicine (IOM). All three are private, nonprofit organizations and serve as advisors to the federal government on science, technology, and medicine. Nominated and voted on by active members, newly elected members of these organizations receive life terms. Individuals elected to membership come from all sectors—academia, industry, government, and not-for-profit agencies or organizations. Member election dates are in February (NAE), April (NAS), and October (IOM).

The data collected for these rankings use active or emeritus members at their affiliated work institution, as reported in the on-line membership directories. In all cases, we were able to determine the specific campus for individual members. We re-check institutional affiliation annually to account for established members who have changed employers or whose membership is no longer active.

Faculty Awards in the Arts, Humanities, Science, Engineering, and Health

Source: Directories or web-based listings for multiple agencies or organizations.

For this category, we collect data from several prominent grant and fellowship programs in the arts, humanities, science, engineering, and health fields. Included in this measure are:

- American Council of Learned Societies (ACLS) Fellows, 2000-01
- Beckman Young Investigators, 2001
- Burroughs Wellcome Fund Career Awards, 2001
- Cottrell Scholars, 2001
- Fulbright American Scholars, 2001-02
- Getty Scholars in Residence, 2001-02
- Guggenheim Fellows, 2001

- Howard Hughes Medical Institute Investigators, 2001-02
- Lasker Medical Research Awards, 2001
- MacArthur Foundation Fellows, 2001
- Andrew W. Mellon Foundation Distinguished Achievement Awards, 2001
- National Endowment for the Humanities (NEH) Fellows, 2002
- National Humanities Center Fellows, 2001-02
- National Institutes of Health (NIH) MERIT (R37) and Outstanding Investigator (R35), FY 2001
- National Medal of Science and National Medal of Technology, 2001
- NSF CAREER awards (excluding those who are also PECASE winners), 2001
- Newberry Library Long-term Fellows, 2001-02
- Pew Scholars in Biomedicine, 2001
- Presidential Early Career Awards for Scientists and Engineers (PECASE), 2001
- Robert Wood Johnson Policy Fellows, 2001-02
- Searle Scholars, 2001
- Sloan Research Fellows, 2001
- US Secretary of Agriculture Honor Awards, 2001
- Woodrow Wilson Fellows, 2001-02

While the vast majority of these programs clearly identify a particular campus, in a few instances we used the institution's web-based phone directory to determine the correct campus.

Doctorates Awarded

Source: NCES IPEDS Completions Survey, doctoral degrees awarded between July 1, 2000, and June 30, 2001.

Each year, universities report their degrees awarded to the NCES in the IPEDS Completions Survey. IPEDS provides straightforward instructions for reporting doctoral degrees awarded, and we do not find any inconsistencies in reporting among the universities included in our rankings. IPEDS asks each institution to identify the number of Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, and Doctor of Philosophy degrees awarded between July 1 and June 30.

Most institutions in our study submit degree data by campus or offer doctoral degrees solely or primarily at the main campus.

In addition to doctorate degrees, *TheCenter* presents degrees awarded at other levels—associate’s, bachelor’s, master’s, and professional degrees—in the Student Characteristics table (see Data Tables, p. 162).

Postdoctoral Appointees

Source: NSF/Division of Science Resource Statistics (SRS) Survey of Graduate Students and Postdoctorates in Science and Engineering, Fall 2000.

Each year, NSF and NIH collect data from all institutions offering graduate programs in any science, engineering, or health field. The Survey of Graduate Students and Postdoctorates in Science and Engineering (also called the Graduate Student Survey or GSS) reflects graduate enrollment and postdoctoral employment at the beginning of the academic year. Postdoctorates are defined in the GSS as “individuals with science and engineering PhD’s, MD’s, DDS’s or DVM’s and foreign degrees equivalent to U.S. doctorates who devote their primary effort to their own research training through research activities or study in the department under temporary appointments carrying no academic rank.” The definition excludes clinical fellows and those in medical residency training programs unless the primary purpose of their appointment is for research training under a senior mentor.

In the methodological notes for this survey,⁵ NSF indicates that it verifies the data with the institutional coordinator when dramatic year-to-year fluctuations are noted. However, *TheCenter* has identified two major research institutions that clearly had incorrect data – Yale and Berkeley. In addition, in this data set, it is unclear whether an institution has actually reported zero postdocs or NSF has simply assigned a zero for non-response (rather than imputing by using prior-year or peer data, as described in NSF methodological notes). This year, in cases where we suspect it is not a true zero, we left the field blank.

Although each doctorate-granting campus submits data separately, NSF often aggregates them in its published reports. In all cases, we obtain the single-campus data for these schools directly from NSF.

5. *Survey Methodology: Survey of Graduate Students and Postdoctorates in Science and Engineering*
(On-line: <http://www.nsf.gov/sbe/srs/sgss/postmeth.htm>)

6. *Concordance Between SAT I and ACT Scores for Individual Students*, Research Notes 07, June 1999
(On-line: http://www.collegeboard.org/research/html/rn_indx.html)

SAT Scores

Source: The College Board’s College Handbook 2002, which reflects the 2000 freshman class.

The College Board reports the middle 50% range of verbal and math SAT I scores for most institutions in our study. The institutions submit these data to The College Board each spring through its Annual Survey of Colleges. For our measure, we calculated the median of that range. Some institutions report the ACT instead of the SAT to The College Board. In those cases, we use a conversion table provided by The College Board to generate a comparable SAT equivalent score.⁶ When an institution submits neither an SAT nor ACT score, we substitute data from the prior year reported.

Other Measures of Undergraduate Quality

National Merit and Achievement Scholars

Source: The 2000-01 National Merit Scholarship Corporation Annual Report, which reflects the 2001 freshman class.

The National Merit Scholarship Corporation (NMSC) is an independent, nonprofit organization that awards scholarships to the nation’s outstanding high school seniors based on their academic achievement, qualifying test scores, high school principal and counselor recommendations, and their activities, interests, and goals. The NMSC names approximately 16,000 National Merit Finalists each February. Of these, about one-half will receive a National Merit \$2,500 Scholarship, a corporate-sponsored scholarship, or a college-sponsored scholarship.

National Achievement Scholars are selected and funded in a similar fashion and represent the nation’s outstanding African-American students. Ideally, the National Hispanic Scholars Program should also be included in this category, but it does not track the enrollment of its scholarship winners. Should it do so in the future, we will include these students in *TheCenter*’s data. In this study, Merit and Achievement scholarships are credited to the main campus if the NMSC Annual Report does not indicate a branch campus.

While the number of National Merit and National Achievement award winners in the entering class provides an indication of the attractiveness of a university’s undergraduate program to outstanding students, it is also an indicator that is sensitive to institutional policies on financial aid. Because the number of Merit Scholars is small, relatively small changes in institu-

tional aid policies can have a significant impact on the number of National Merit Scholars enrolling in institutions. The average SAT score provides a broader-based and more reliable measure of overall undergraduate quality; for those reasons, we prefer the SAT scores to the number of National Merit and Achievement Scholars as an indicator of undergraduate quality.

Institutional Characteristics

Medical Schools

Source: NCES IPEDS Completions Survey, MD degrees awarded between July 1, 2000, and June 30, 2001.

Although the IPEDS Institutional Characteristics Survey does have a “medical” field that indicates whether an institution grants a medical degree, we choose not to use its data because it includes medical degrees in Veterinary Medicine, Dentistry, and other professional health-related fields. For our measure, we determined whether a particular campus awarded any MD degrees during the academic year. If the institution did not submit any data to IPEDS for that year, we then looked at whether it was accredited by the American Medical Association to determine whether the institution has a medical school.

Land Grant Institutions

Source: National Association of State Universities and Land Grant Colleges.

The first Morrill Act in 1862 appropriated federal funds for universities to provide agricultural and technical education to their citizens. A second Morrill Act in 1890 expanded eligibility to include several historically black colleges and universities, and in 1994 several Native American tribal colleges were recognized as land grant institutions. Today, there is at least one land grant institution in each state and U.S. territory and in the District of Columbia. Of the 105 institutions, most are public universities. Federal land grant institutions receive both federal and state dollars in support of their agricultural and extension activities.

While land grant status technically applies to some university systems, such as the University of California and the University of Nebraska, for our study we designate as land grant institutions only those schools that actually perform that function (e.g., UC-Berkeley, UC-Davis, UC-Riverside, Nebraska-Lincoln). In these cases, the land grant field will identify whether an institution is part of a system-wide land grant and whether the vast majority of the activity occurs on that campus. For example, UC-Davis is coded as “Yes-

System” while UCLA is coded as “No-System.” We consider the 1890 institutions as land grant institutions, but we identify them separately because they do not perform extension activities.

Research Focus

Source: NSF/SRS Survey of R&D Expenditures at Universities and Colleges, FY 2000.

In addition to reporting expenditure data by source of funds, NSF identifies in what major disciplines the money is expended. In the Total Research and Federal Research tables (Data Tables, pp. 48-59), we provide the proportion of total and federal expenditures in each discipline for those institutions with more than \$20 million in federal research. These data are useful for developing groups of similar institutions for peer analysis.

The Institutional Characteristics table (Data Tables, p. 102) provides a summary measure of an institution’s research strength and concentration based on these discipline-level expenditures. Universities with 95-100% of their federal research dollars spent in one particular discipline are coded as “all.” We identify institutions with 75-94% in one area as “heavy” and label those with 50-74% of their expenditures concentrated as “strong.” Other universities with 25-49% in one or more disciplines we describe as “moderate.” A few institutions (but none in the more than \$20 million group) have expenditures distributed fairly evenly across the disciplines; those we code as “mixed.”

In some cases, where an institution reports as a multi-campus entity, we made adjustments to break out the discipline-level expenditure data by single campus. Typically, this involved moving all or a portion of the life sciences expenditures to the health or medical center campus. IPEDS fall enrollment and graduate degrees by discipline data also were used to help in this effort.

While these data offer some insight as to the research structure of a university, their usefulness is limited. For example, we may be tempted to use the life sciences as a surrogate for medical research, but we must remember that they also include agricultural and biological sciences. Further, the growing trend toward multidisciplinary and interdisciplinary projects may make it more difficult for universities to accurately reflect expenditures by discipline or sub-discipline. *TheCenter* chooses not to break out these sub-disciplines because the data are increasingly prone to error as further adjustments are made.

Student Characteristics

Fall Enrollment

Source: NCES IPEDS Fall Enrollment Survey, 2000.

Each year, institutions report their current fall headcount enrollment to the IPEDS Fall Enrollment Survey. Enrollment figures include both degree seeking and non-degree seeking students. *TheCenter* provides the headcount enrollment by level as presented by IPEDS, along with the percentage of those attending part-time. Graduate students include those seeking specialist degrees in engineering and education.

First professional students include those seeking degrees in medical fields, such as Chiropractic, Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry, and Veterinary Medicine, as well as those seeking degrees in Law and Theology.

Each campus in our study submits enrollment data by campus, except for the few institutions identified in our Data Notes section. Because this is an informational item and not one of *TheCenter's* nine quality measures, we did not attempt to adjust these figures.

Data Notes

The raw data used for *The Top American Research Universities* project—obtained from federal agencies and national organizations—often contain information on single-campus institutions, multiple-campus institutions, and state university systems, without clearly identifying the distinctions. This makes national comparisons difficult and unreliable.

To increase the validity and usefulness of these data, *TheCenter* adjusts the original reported figures, when necessary, to ensure that all data represent the strength of a single-campus institution. *TheCenter* bases its adjustments on information gathered from the reporting agency or from the university itself. In cases where the published data represent a single campus, we do not adjust the data. When the data represent more than one campus, we first attempt to obtain a figure directly from the National Science Foundation (NSF) (for research expenditures and postdoctorates), from the institution itself, or from the university system office that submitted the data. If unavailable from those primary sources, we use an estimated or substitute figure derived from information found on the institution's web site. As a last resort, we use prior-year data as a substitute.

If the institution provides an estimate representing at least 97% of the originally published figure, we credit the full amount to the main campus. Otherwise, we use the estimate provided by the institution.

TheCenter does not adjust the private university data because of multi-campus or system-wide reporting. We treat all private universities in this study as single-campus institutions because, while some may have multiple campuses, they are generally in or around a single city and considered an integral part of the main campus. Furthermore, private institutions generally do not break out their data by regional, branch, or affiliated campus as often happens with public institutions.

The following tables outline the various adjustments or substitutions that we made to the original data. The tables list institutions alphabetically and include both private and public universities. For the purpose of this report, we provide notes for institutions with more than \$20 million in fiscal year 2000 federal research. Data notes for all other research universities are available on *TheCenter* web site [<http://thecenter.ufl.edu>].

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
Arizona State University - Tempe			
2000 Total Research Expenditures (NSF)	\$108,117	\$108,117	97% is main campus, per institution. All dollars credited to Tempe campus.
2000 Federal Research Expenditures (NSF)	\$49,935	\$49,935	97% is main campus, per institution. All dollars credited to Tempe campus.
2001 Endowment Assets (NACUBO)	\$207,062	\$207,062	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus. Institution revised FY 00 data in the 2001 NACUBO Study.
2001 Annual Giving (CAE VSE Survey)	\$84,373	\$79,311	Estimate 94% is Tempe campus, per institution.
Auburn University - Auburn			
2001 Endowment Assets (NACUBO)	\$258,965	\$258,965	Estimate at least 97% is main campus, per institution. All dollars credited to Auburn campus.
2001 Annual Giving (CAE VSE Survey)	\$60,620	\$60,620	Estimate at least 97% is main campus. All dollars credited to Auburn campus.
2000 Postdoctoral Appointees (NSF)	36	36	Auburn is the only doctorate-granting campus.
California Institute of Technology			
Endowment Assets Revision			Institution revised FY 00 data in 2001 NACUBO Study.
Charles R. Drew University of Medicine and Science			
2001 Endowment Assets (NACUBO)	Not Reported	\$2,200	Institution did not report to NACUBO nor VSE; substituted FY 00 data with institution's knowledge.
Cornell University			
Endowment Assets Revision			Institution revised FY 00 data in 2001 NACUBO Study.
Dartmouth College			
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
Duke University			
Endowment Assets Revision			Unlike past years, Duke now includes in the NACUBO figure its share of The Duke Endowment. FY 00 was revised by TheCenter to reflect this \$568 M increase.
Annual Giving Revision			Institution revised FY 00 data; \$105.4 M less than originally reported in VSE.
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
Emory University			
Endowment Assets Revision			Institution revised FY 00 data in 2001 NACUBO Study.
Florida International University			
2001 Endowment Assets (NACUBO)	Not Reported	\$32,823	Institution does not report to NACUBO; substituted FY 01 VSE data.
George Mason University			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$22,300	Data obtained from institution's web site.
Georgia Institute of Technology			
2001 Endowment Assets (NACUBO)	\$1,093,622	\$1,093,622	Data represent both the Georgia Tech Foundation and the Georgia Institute of Technology, per institution.
Harvard University			
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
Howard University			
2000 SAT Score (The College Board)	Not Reported	1090	Institution did not report; substituted Fall 2000 SAT score reported to US News College Rankings.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
Indiana University - Bloomington			
2000 Total Research Expenditures (NSF)	\$227,737	\$91,095	Estimate 40% is Bloomington campus, with institution's knowledge.
2000 Federal Research Expenditures (NSF)	\$107,577	\$43,031	Estimate 40% is Bloomington campus, with institution's knowledge.
2001 Endowment Assets (NACUBO)	\$922,920	\$479,918	Estimate 52% is Bloomington campus, with institution's knowledge.
2001 Annual Giving (CAE VSE Survey)	\$300,848	\$105,297	Estimate 35% is Bloomington campus, with institution's knowledge.
2000 Postdoctoral Appointees (NSF)	423	167	Data obtained directly from NSF.
Indiana University-Purdue University - Indianapolis			
2000 Total Research Expenditures (NSF)	\$227,737	\$136,642	Estimate 60% is IUPUI campus, with institution's knowledge.
2000 Federal Research Expenditures (NSF)	\$107,577	\$64,546	Estimate 60% is IUPUI campus, with institution's knowledge.
2001 Endowment Assets (NACUBO)	\$922,920	\$415,314	Estimate 45% is IUPUI campus, with institution's knowledge.
2001 Annual Giving (CAE VSE Survey)	\$300,848	\$192,543	Estimate 64% is IUPUI campus, with institution's knowledge.
2000 Postdoctoral Appointees (NSF)	423	256	Data obtained directly from NSF.
Johns Hopkins University			
2000 Total Research Expenditures (NSF)	\$901,156	\$901,156	Johns Hopkins' primarily federally funded Applied Physics Lab had \$437 million in total FY 00 R&D expenditures.
2000 Federal Research Expenditures (NSF)	\$793,266	\$793,266	Johns Hopkins' primarily federally funded Applied Physics Lab had \$420 million in FY 00 federal R&D expenditures.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
Kansas State University			
2000 SAT Score (The College Board)	Not Reported	1050	Institution did not report SAT nor ACT. Used 2000 median SAT as reported in US News College Rankings.
Louisiana State University - Baton Rouge			
2000 Total Research Expenditures (NSF)	\$251,233	\$173,351	Estimate 69% is Baton Rouge campuses, per institution.
2000 Federal Research Expenditures (NSF)	\$89,007	\$44,504	Estimate 50% is Baton Rouge campuses, per institution.
2001 Endowment Assets (NACUBO)	\$326,122	\$184,000	Data provided by institution. Unlike past years, the LSU System now includes in its NACUBO figure the University of New Orleans, Pennington Research Center, and LSU Medical Center-Shreveport.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$50,500	Data provided by institution.
2000 Postdoctoral Appointees (NSF)	199	88	Data obtained directly from NSF.
2000 SAT Score (The College Board)	Not Reported	1090	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
Louisiana State University Health Sciences Center			
2000 Total Research Expenditures (NSF)	\$251,233	\$55,271	Estimate 22% is Health Center campuses, per institution.
2000 Federal Research Expenditures (NSF)	\$89,007	\$28,482	Estimate 32% is Health Center campuses, per institution.
2001 Endowment Assets (NACUBO)	\$326,122	\$42,319	Data provided by institution. Unlike past years, the LSU System now includes in its NACUBO figure the University of New Orleans, Pennington Research Center, and LSU Medical Center-Shreveport.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$6,885	Data are for New Orleans campus only.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
2000 Postdoctoral Appointees (NSF)	199	78	Data obtained directly from NSF. Includes both Shreveport and New Orleans campuses.
Medical College of Wisconsin			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$16,000	Data provided by institution.
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
Mississippi State University			
2000 SAT Score (The College Board)	Not Reported	1140	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
Montana State University - Bozeman			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$15,900	Data provided by institution.
New Mexico State University - Las Cruces			
2001 Endowment Assets (NACUBO)	\$97,438	\$97,438	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus. Institution revised FY 00 data in the 2001 NACUBO Study.
2001 Annual Giving (CAE VSE Survey)	\$11,633	\$11,633	Estimate at least 97% is main campus. All dollars credited to Las Cruces campus.
2000 SAT Score (The College Board)	Not Reported	950	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
Ohio State University - Columbus			
2000 Total Research Expenditures (NSF)	\$361,399	\$361,399	Regional campuses comprise less than 1% of research dollars, per institution's annual report on web site. All dollars credited to Columbus campus.
2000 Federal Research Expenditures (NSF)	\$132,219	\$132,219	Regional campuses comprise less than 1% of research dollars, per institution's annual report on web site. All dollars credited to Columbus campus.
2001 Endowment Assets (NACUBO)	\$1,111,823	\$1,111,823	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2001 Annual Giving (CAE VSE Survey)	\$210,551	\$210,551	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2000 Postdoctoral Appointees (NSF)	288	288	Columbus is the only doctorate-granting campus.
Oklahoma State University - Stillwater			
2000 Total Research Expenditures (NSF)	\$88,285	\$88,285	At least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2000 Federal Research Expenditures (NSF)	\$24,770	\$24,770	At least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2001 Endowment Assets (NACUBO)	\$167,670	\$167,670	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2001 Annual Giving (CAE VSE Survey)	\$41,256	\$41,256	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2000 Postdoctoral Appointees (NSF)	42	42	All postdocs on main campus, per NSF.
Oregon Health & Science University			
Total Research Revision			Institution revised FYs 98 and 99 data in FY 00 NSF Survey.
Federal Research Revision			Institution revised FYs 98 and 99 data in FY 00 NSF Survey.
Endowment Assets Revision			Institution revised FY 00 data in 2001 NACUBO Study.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$66,100	Data provided by institution.
Pennsylvania State University - Hershey Medical Ctr			
2000 Total Research Expenditures (NSF)	\$427,575	\$55,585	Estimate 13% is Hershey campus, per institution.
2000 Federal Research Expenditures (NSF)	\$226,074	\$29,390	Estimate 13% is Hershey campus, per institution.
2001 Endowment Assets (NACUBO)	\$937,612	\$93,761	Estimate 10% is Hershey campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$176,946	\$30,080	Estimate 17% based upon institution's web site.
2000 Postdoctoral Appointees (NSF)	312	51	Data obtained directly from NSF.
Pennsylvania State University - University Park			
2000 Total Research Expenditures (NSF)	\$427,575	\$371,990	Estimate 87% is University Park campus, per institution.
2000 Federal Research Expenditures (NSF)	\$226,074	\$196,684	Estimate 87% is University Park campus, per institution.
2001 Endowment Assets (NACUBO)	\$937,612	\$750,090	Estimate 80% is University Park campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$176,946	\$123,862	Estimate 70% based upon institution's web site.
2000 Postdoctoral Appointees (NSF)	312	261	Data obtained directly from NSF.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
Purdue University - West Lafayette			
2000 Total Research Expenditures (NSF)	\$234,536	\$234,536	99% is main campus, per institution. All dollars credited to West Lafayette campus.
2000 Federal Research Expenditures (NSF)	\$92,010	\$92,010	99% is West Lafayette campus, per institution. All dollars credited to main campus.
2001 Endowment Assets (NACUBO)	\$1,217,118	\$1,217,118	97% is main campus, per institution. All dollars credited to West Lafayette campus.
2001 Annual Giving (CAE VSE Survey)	\$130,735	\$130,735	More than 98% is main campus, per institution. All dollars credited to West Lafayette campus.
2000 Postdoctoral Appointees (NSF)	243	243	All postdocs on West Lafayette campus, per NSF.
Rockefeller University			
2001 Doctorates Awarded (IPEDS)	Not Reported	15	Institution did not report to IPEDS; obtained figure from institution's web site.
Rush University			
Endowment Assets Revision			Institution originally did not report 2000 Endowment to NACUBO. TheCenter revised FY 00 data to reflect NACUBO amount rather than substituted FY 99 VSE data.
Faculty Awards Revision			TheCenter revised 2000 data to include an NIH award not originally counted.
Rutgers the State University of NJ - New Brunswick			
2000 Total Research Expenditures (NSF)	\$225,268	\$200,489	Estimate 89% is New Brunswick campus, per institution.
2000 Federal Research Expenditures (NSF)	\$79,711	\$70,943	Estimate 89% is New Brunswick campus, per institution.
2001 Endowment Assets (NACUBO)	\$405,405	\$372,973	Estimate 92% is New Brunswick campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$123,288	\$106,028	Estimate 86% is New Brunswick campus, per institution.
2000 Postdoctoral Appointees (NSF)	197	153	Data obtained directly from NSF.
Saint Louis University - St. Louis			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$32,550	Data provided by institution.
2000 SAT Score (The College Board)	Not Reported	1160	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
Stanford University			
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
Syracuse University			
Postdoc Appointees Revision			Institution revised 1999 data in 2000 NSF Survey.
Temple University			
Total Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
Federal Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
Texas A&M University			
2000 Total Research Expenditures (NSF)	\$397,268	\$397,268	Beginning in FY 00, Texas A&M reports some expenditures under the System Health Sciences Center.
2001 Endowment Assets (NACUBO)	\$4,030,881	\$3,764,843	Estimate 93.4% is College Station campus based upon FY 01 VSE proportion.
Texas Tech University			
Faculty Awards Revision			TheCenter revised 2000 data to exclude an NIH award that was to TTU Health Science Center.
Thomas Jefferson University			
2001 Endowment Assets (NACUBO)	Not Reported	\$400,000	Institution did not report to NACUBO nor VSE; substituted FY 00 data (estimated \$400M) with institution's knowledge.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$25,800	Data obtained from institution's web site.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
Tufts University			
Total Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
Federal Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
University of Alabama - Birmingham			
2001 Endowment Assets (NACUBO)	\$616,015	\$247,638	Estimate 40.2% is Birmingham campus, per institution.
2000 SAT Score (The College Board)	Not Reported	1030	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Alabama - Huntsville			
2001 Endowment Assets (NACUBO)	\$616,015	\$18,480	Estimate 3% is Huntsville campus, per institution.
University of Alaska - Fairbanks			
2001 Endowment Assets (NACUBO)	\$185,223	\$33,402	Data provided by institution. Revised FY 00 data per institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$18,621	Data provided by institution.
University of Arkansas - Fayetteville			
2001 Endowment Assets (NACUBO)	\$233,858	\$233,858	Reported figure includes just the main campus, per institution. All dollars credited to Fayetteville campus.
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
University of Arkansas for Medical Sciences			
2001 Endowment Assets (NACUBO)	Not Reported	\$59,401	Data provided by institution. Does not report to NACUBO nor VSE.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$17,572	Data obtained from institution.
University of California - Berkeley			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$1,953,443	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) and 2 Lawrence Livermore Lab awards, to ensure consistency in reporting.
2000 Postdoctoral Appointees (NSF)	Not Reported	933	Institution did not report postdoc data to NSF; substituted 1999 data.
University of California - Davis			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$429,616	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - Irvine			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$126,341	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - Los Angeles			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$1,390,390	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - Riverside			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$70,203	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - San Diego			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$274,143	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
University of California - San Francisco			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$873,237	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - Santa Barbara			
2001 Endowment Assets (NACUBO)	\$5,650,897	\$87,152	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of California - Santa Cruz			
2001 Endowment Assets (NACUBO)	\$565,0897	\$76,352	Substituted FY 01 VSE data. The NACUBO figure reported here is the sum of the U of California, the UCLA Fdn, the UC San Francisco Fdn, the UC San Diego Fdn, and UC Irvine.
University of Cincinnati - Cincinnati			
2000 Total Research Expenditures (NSF)	\$172,085	\$172,085	Branch campuses offer AA degrees or less, per IPEDS. Estimate at least 97% is Cincinnati campus. All dollars credited to Cincinnati campus.
2000 Federal Research Expenditures (NSF)	\$110,475	\$110,475	Estimate at least 97% is Cincinnati campus. All dollars credited to Cincinnati campus.
2001 Endowment Assets (NACUBO)	\$909,268	\$909,268	More than 99% is main campus, per institution. All dollars credited to Cincinnati campus.
2001 Annual Giving (CAE VSE Survey)	\$86,247	\$86,247	More than 99% is main campus, per institution. All dollars credited to Cincinnati campus.
2000 Postdoctoral Appointees (NSF)	220	220	Cincinnati is the only doctorate-granting campus.
University of Colorado - Boulder			
2000 Total Research Expenditures (NSF)	\$353,528	\$207,973	Data provided by institution.
2000 Federal Research Expenditures (NSF)	\$300,394	\$178,777	Data provided by institution.
2001 Endowment Assets (NACUBO)	\$393,458	\$204,598	Estimate 52% is Boulder campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$118,820	\$48,716	Estimate 41% is Boulder campus, per institution.
2000 Postdoctoral Appointees (NSF)	977	744	Data obtained directly from NSF. Boulder's one-year increase of 470 post-docs is due to underreporting in past years, per institution.
University of Colorado Health Sciences Center			
2000 Total Research Expenditures (NSF)	\$353,528	\$142,454	Data provided by institution.
2000 Federal Research Expenditures (NSF)	\$300,394	\$119,590	Data provided by institution.
2001 Endowment Assets (NACUBO)	\$393,458	\$118,037	Estimate 30% is Health Center campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$118,820	\$46,340	Estimate 39% is Health Center campus, per institution.
2000 Postdoctoral Appointees (NSF)	977	233	Data obtained directly from NSF. Institution revised 1998 data in 2000 Survey.
University of Connecticut - Health Center			
2000 Total Research Expenditures (NSF)	\$161,084	\$70,877	Estimate 44% is Health Center campus, per institution.
2000 Federal Research Expenditures (NSF)	\$66,144	\$37,702	Estimate 57% is Health Center campus, per institution.
2001 Endowment Assets (NACUBO)	\$165,243	\$54,530	Estimate 33% is Health Center campus, per institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$9,960	Estimate obtained from institution's web site.
2000 Postdoctoral Appointees (NSF)	228	135	Data obtained directly from NSF.
University of Connecticut - Storrs			
2000 Total Research Expenditures (NSF)	\$161,084	\$90,207	Estimate 56% is Storrs campus, per institution.
2000 Federal Research Expenditures (NSF)	\$66,144	\$28,442	Estimate 43% is Storrs campus, per institution.
2001 Endowment Assets (NACUBO)	\$165,243	\$110,713	Estimate 67% is Storrs campus, per institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$40,640	Estimate obtained from institution's web site.
2000 Postdoctoral Appointees (NSF)	228	93	Data obtained directly from NSF.
University of Hawaii - Manoa			
2001 Endowment Assets (NACUBO)	\$172,403	\$158,611	Estimate 92% is Manoa campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$24,278	\$19,665	Estimate 81% is Manoa campus, per institution.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
University of Houston - University Park			
2001 Endowment Assets (NACUBO)	\$440,620	\$339,277	Estimate 77% is University Park campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$44,845	\$33,185	Estimate 74% is University Park campus, per institution.
University of Illinois - Chicago			
2001 Endowment Assets (NACUBO)	\$898,424	\$107,811	Estimate 12% is Chicago campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$148,698	\$37,175	Estimate 25% is Chicago campus, per institution.
2000 SAT Score (The College Board)	Not Reported	1070	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Illinois - Urbana-Champaign			
2001 Endowment Assets (NACUBO)	\$898,424	\$601,944	Estimate 67% is Urbana campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$148,698	\$105,576	Estimate 71% is Urbana campus, per institution.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
University of Iowa			
Endowment Assets Revision			Beginning in FY 00, Iowa includes additional investment pools not previously reported. Revised FY 00 data (increase of \$112.9 M) to reflect this change, as reported in 2001 NACUBO Study.
University of Kansas - Lawrence			
2000 Total Research Expenditures (NSF)	\$148,670	\$85,825	Data provided by institution.
2000 Federal Research Expenditures (NSF)	\$68,950	\$40,114	Data provided by institution.
2001 Endowment Assets (NACUBO)	\$831,765	\$665,412	Estimate 80% is Lawrence campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$80,385	\$64,308	Estimate 80% is Lawrence campus, per institution.
2000 Postdoctoral Appointees (NSF)	155	101	Data obtained directly from NSF.
2000 SAT Score (The College Board)	Not Reported	1140	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Kansas Medical Center			
2000 Total Research Expenditures (NSF)	\$148,670	\$62,845	Data provided by institution.
2000 Federal Research Expenditures (NSF)	\$68,950	\$28,836	Data provided by institution.
2001 Endowment Assets (NACUBO)	\$831,765	\$166,353	Estimate 20% is Medical Center campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$80,385	\$16,077	Estimate 20% is Medical Center campus, per institution.
2000 Postdoctoral Appointees (NSF)	155	54	Data obtained directly from NSF.
University of Kentucky			
Endowment Assets Revision			Institution revised FY 00 data in 2001 NACUBO Study.
2000 SAT Score (The College Board)	Not Reported	1125	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Maine - Orono			
2001 Endowment Assets (NACUBO)	\$80,083	\$135,043	Substituted FY 01 VSE data. NACUBO figure includes only the UM Foundation and not the entire university.
University of Maryland - Baltimore			
2001 Endowment Assets (NACUBO)	\$506,744	\$152,023	Estimate 30% is Baltimore campus, per institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$37,384	Data provided by institution.
University of Maryland - Baltimore County			
2001 Endowment Assets (NACUBO)	\$506,744	\$15,202	Estimate 3% is Baltimore County campus, per institution.
University of Maryland - College Park			
2001 Endowment Assets (NACUBO)	\$506,744	\$324,316	Estimate 64% is College Park campus, per institution.
University of Massachusetts - Amherst			
2001 Endowment Assets (NACUBO)	\$160,879	\$70,787	Estimate 44% is Amherst campus, per institution.
2000 Postdoctoral Appointees (NSF)	385	131	Data obtained directly from NSF.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
University of Massachusetts Medical Sch - Worcester			
2001 Endowment Assets (NACUBO)	\$160,879	\$45,046	Estimate 28% is Worcester campus, per institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$15,300	Data provided by institution.
2000 Postdoctoral Appointees (NSF)	385	247	Data obtained directly from NSF. Institution revised 1998 data in 2000 Survey.
University of Medicine & Dentistry of New Jersey			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$44,900	Data obtained from institution's web site.
University of Michigan - Ann Arbor			
2001 Endowment Assets (NACUBO)	\$3,614,100	\$3,469,536	Estimate 96% is Ann Arbor campus, per institution.
2001 Annual Giving (CAE VSE Survey)	\$218,114	\$209,390	Estimate 96% is Ann Arbor campus, per institution.
2000 Postdoctoral Appointees (NSF)	685	683	Data obtained directly from NSF. Institution revised 1998 and 1999 data in 2000 Survey.
University of Minnesota - Twin Cities			
2000 Total Research Expenditures (NSF)	\$411,380	\$411,380	At least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2000 Federal Research Expenditures (NSF)	\$229,958	\$229,958	At least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2001 Endowment Assets (NACUBO)	\$1,650,969	\$1,650,969	At least 97% is main campus, per institution. All dollars credited to Twin Cities campus. Total reported is the sum of the U of Minnesota and Fdn and the Minnesota Medical Fnd. Institution revised FY 00 data in 2001 NACUBO Study.
2001 Annual Giving (CAE VSE Survey)	\$228,926	\$228,926	About 99% is main campus, per institution. All dollars credited to Twin Cities campus.
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
2000 Postdoctoral Appointees (NSF)	638	626	Data obtained directly from NSF.
University of Missouri - Columbia			
2001 Endowment Assets (NACUBO)	\$738,500	\$353,645	Substituted FY 01 VSE data, per institution.
2000 SAT Score (The College Board)	Not Reported	1200	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Nebraska - Lincoln			
2001 Endowment Assets (NACUBO)	\$837,064	\$629,855	Data provided by institution.
2001 Annual Giving (CAE VSE Survey)	\$115,230	\$67,986	Estimate 59% is Lincoln campus, per institution.
University of Nevada - Reno			
2001 Endowment Assets (NACUBO)	\$45,033	\$128,147	Substituted FY 01 VSE data. NACUBO figure includes only the Reno Foundation and not the entire university.
University of New Hampshire - Durham			
2000 Total Research Expenditures (NSF)	\$72,108	\$72,108	At least 97% is main campus, per institution. All dollars credited to Durham campus.
2000 Federal Research Expenditures (NSF)	\$38,921	\$38,921	At least 97% is main campus, per institution. All dollars credited to Durham campus.
2001 Endowment Assets (NACUBO)	\$164,729	\$148,256	Estimate 90% is Durham campus, per institution. Institution revised FY 00 data in the 2001 NACUBO Study.
2000 Postdoctoral Appointees (NSF)	24	24	Durham is the only doctorate-granting campus.
University of New Mexico - Albuquerque			
2001 Endowment Assets (NACUBO)	\$186,655	\$186,655	Estimate at least 97% is main campus, per institution. All dollars credited to Albuquerque campus.
2001 Annual Giving (CAE VSE Survey)	\$33,818	\$33,818	At least 97% is main campus, per institution. All dollars credited to Albuquerque campus.
2000 Postdoctoral Appointees (NSF)	84	84	Albuquerque is the only doctorate-granting campus.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
University of Oklahoma - Norman			
2000 Total Research Expenditures (NSF)	\$150,902	\$95,068	Estimate 63% is Norman campus, per institution.
2000 Federal Research Expenditures (NSF)	\$60,542	\$36,931	Estimate 61% is Norman campus, per institution
2001 Endowment Assets (NACUBO)	\$602,981	\$424,078	Data provided by institution.
2001 Annual Giving (CAE VSE Survey)	\$88,739	\$59,455	Estimate 67% is Norman campus, per institution.
2000 Postdoctoral Appointees (NSF)	124	70	Data obtained directly from NSF.
2000 SAT Score (The College Board)	Not Reported	1140	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Oklahoma Health Sciences Center			
2000 Total Research Expenditures (NSF)	\$150,902	\$55,834	Estimate 37% is Health Center campus, per institution.
2000 Federal Research Expenditures (NSF)	\$60,542	\$23,611	Estimate 39% is Health Center campus, per institution.
2001 Endowment Assets (NACUBO)	\$602,981	\$178,903	Data provided by institution.
2001 Annual Giving (CAE VSE Survey)	\$88,739	\$29,284	Estimate 33% is Health Sciences Center campus, per institution.
2000 Postdoctoral Appointees (NSF)	124	54	Data obtained directly from NSF.
University of Pittsburgh - Pittsburgh			
2000 Total Research Expenditures (NSF)	\$294,809	\$294,809	100% is main campus, per institution. All dollars credited to Pittsburgh campus.
2000 Federal Research Expenditures (NSF)	\$228,155	\$228,155	100% is main campus, per institution. All dollars credited to Pittsburgh campus.
2001 Endowment Assets (NACUBO)	\$1,103,082	\$1,103,082	Estimate at least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2001 Annual Giving (CAE VSE Survey)	\$88,645	\$88,645	At least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2000 Postdoctoral Appointees (NSF)	560	560	Pittsburgh is the only doctorate-granting campus.
University of South Carolina - Columbia			
2000 Total Research Expenditures (NSF)	\$104,398	\$104,398	100% is main campus, per institution. All dollars credited to Columbia campus.
2000 Federal Research Expenditures (NSF)	\$51,872	\$51,872	100% is main campus, per institution. All dollars credited to Columbia campus.
2001 Endowment Assets (NACUBO)	\$302,678	\$302,678	Estimate at least 97% is main campus, per institution. All dollars credited to Columbia campus.
2001 Annual Giving (CAE VSE Survey)	\$55,820	\$50,629	Estimate 90.7% is Columbia campus, per institution.
2000 Postdoctoral Appointees (NSF)	169	169	Columbia is the only doctorate-granting campus.
University of South Florida			
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
2000 SAT Score (The College Board)	1080	1080	New College now reported separately from USF.
University of Tennessee - Knoxville			
2000 Total Research Expenditures (NSF)	\$163,690	\$112,495	Data provided by institution. FY 91-99 data revised by institution.
2000 Federal Research Expenditures (NSF)	\$72,059	\$44,467	Data provided by institution. FY 91-99 data revised by institution.
2001 Endowment Assets (NACUBO)	\$420,511	\$385,850	Data provided by institution. Original NACUBO figure for U of Tennessee System does not include separately-held endowment assets. Institution revised FY 00 data.
2001 Annual Giving (CAE VSE Survey)	\$82,619	\$72,403	Data provided by institution.
University of Tennessee Health Science Center			
2000 Total Research Expenditures (NSF)	\$163,690	\$49,791	Data provided by institution. FY 91-99 data revised by institution.
2000 Federal Research Expenditures (NSF)	\$72,059	\$27,505	Data provided by institution. FY 91-99 data revised by institution.
2001 Endowment Assets (NACUBO)	\$420,511	\$139,048	Data provided by institution. Original NACUBO figure for U of Tennessee System does not include separately-held endowment assets. Institution revised FY 00 data.
2001 Annual Giving (CAE VSE Survey)	\$82,619	\$10,216	Data provided by institution.

Data Notes for Universities with Over \$20 Million in Federal Research

UNIVERSITY / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
University of Texas - Austin			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$1,463,114	Substituted FY 01 VSE data, per institution.
University of Texas Health Science Center - Houston			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$88,680	Substituted FY 01 VSE data, per institution.
University of Texas Health Science Ctr - San Antonio			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$252,520	Substituted FY 01 VSE data, per institution.
University of Texas MD Anderson Cancer Center			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$278,151	Substituted FY 01 VSE data, per institution.
University of Texas Medical Branch - Galveston			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$316,291	Substituted FY 01 VSE data, per institution.
University of Texas SW Medical Center - Dallas			
2001 Endowment Assets (NACUBO)	\$9,363,588	\$644,909	Substituted FY 01 VSE data, per institution.
University of Utah			
2000 SAT Score (The College Board)	Not Reported	1070	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Vermont			
Endowment Assets Revision			Institution originally did not report 2000 Endowment to NACUBO. TheCenter revised FY 00 data to reflect NACUBO amount rather than FY 00 VSE data.
University of Washington - Seattle			
2000 Total Research Expenditures (NSF)	\$529,342	\$529,342	Less than 1% of research expenditures can be attributed to branch campuses, per institution's web site. All dollars credited to Seattle campus.
2000 Federal Research Expenditures (NSF)	\$389,622	\$389,622	Less than 1% of research expenditures can be attributed to branch campuses, per institution's web site. All dollars credited to Seattle campus.
2001 Endowment Assets (NACUBO)	\$927,806	\$927,806	More than 99% is main campus, per institution. All dollars credited to Seattle campus.
2001 Annual Giving (CAE VSE Survey)	\$231,918	\$231,918	More than 99% is main campus, per institution. All dollars credited to Seattle campus.
2000 Postdoctoral Appointees (NSF)	1,011	1,011	Seattle is the only doctorate-granting campus.
University of Wisconsin - Madison			
Total Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
Federal Research Revision			Institution revised FY 99 data in FY 00 NSF Survey.
2001 Endowment Assets (NACUBO)	\$1,075,354	\$1,120,884	Substituted VSE data for the Madison campus, per institution.
Washington State University - Pullman			
2000 Total Research Expenditures (NSF)	\$104,796	\$104,796	Estimate at least 97% is Pullman campus, per institution. All dollars credited to Pullman campus.
2000 Federal Research Expenditures (NSF)	\$48,441	\$48,441	Estimate at least 97% is Pullman campus, per institution. All dollars credited to Pullman campus.
2001 Endowment Assets (NACUBO)	\$468,849	\$468,849	Estimate at least 97% is main campus, per institution. All dollars credited to Pullman campus.
2001 Annual Giving (CAE VSE Survey)	\$43,064	\$40,005	Estimated figure obtained from institution's web site.
2000 Postdoctoral Appointees (NSF)	157	157	All postdocs on Pullman campus, per NSF.
Fall 2000 Total Student Enrollment (IPEDS)	20,492	20,492	Washington State reports enrollment for all campuses combined. Approximately 85% of students are enrolled at Pullman campus, but all are credited to Pullman in this study.
Washington University			
Postdoc Appointees Revision			Institution revised 1998 data in 2000 NSF Survey.
Wayne State University			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$44,650	Data provided by institution.
2000 SAT Score (The College Board)	Not Reported	970	Institution did not report 2000 SAT, but did report median ACT. Converted ACT score to SAT score.

Data Notes for Universities with Over \$20 Million in Federal Research

University / STATISTIC	ORIGINAL DATA (dollars in thousands)	TheCenter DATA (dollars in thousands)	COMMENTS
West Virginia University			
Endowment Assets Revision			Institution originally did not report 2000 Endowment to NACUBO. TheCenter revised FY 00 data to reflect NACUBO amount rather than FY 00 VSE data.
Woods Hole Oceanographic Institution			
2001 Endowment Assets (NACUBO)	Not Reported	\$268,200	Data provided by institution.
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$24,124	Data provided by institution.
Yale University			
Faculty Awards Revision			TheCenter revised the 2000 data to exclude an NIH supplemental award (i.e., additional funds to an existing award) to ensure consistency in reporting.
2000 Postdoctoral Appointees (NSF)	6	597	FY 00 data obtained from institution because of incorrect data provided in NSF Survey. Prior year data are underreported, but institution did not revise.
Yeshiva University			
2001 Annual Giving (CAE VSE Survey)	Not Reported	\$103,000	Data provided by institution. TheCenter revised 2000 data; substituted FY 00 data from Chronicle of Philanthropy.
2000 Postdoctoral Appointees (NSF)	1,122	1,122	Yeshiva's one-year increase of 722 postdocs is due to underreporting in past years, per institution.

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[<http://thecenter.ufl.edu/Gater0702.pdf>]

TheCenter Top American Research Universities: An Overview
(*TheCenter Reports*, 2002) by Diane D. Craig
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The Top American Research Universities (*TheCenter*, 2000,
2001) by John V. Lombardi, et al.
[<http://thecenter.ufl.edu/research2001.html>]

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