

The Center

The Top American Research Universities

John V. Lombardi
Elizabeth D. Capaldi
Kristy R. Reeves
Diane D. Craig
Denise S. Gater
Dominic Rivers

November 2003

An Annual Report from
The Lombardi Program on Measuring University Performance

Contents

Introduction	3
The Sports Imperative in America's Research Universities	5
Introduction	5
The Origins	5
College Sports as Symbol and Theater	6
The Value of College Sports: Audiences and Image	14
College Sports and the Research Universities	17
The Relative Cost of Divisions I and I-A Sports	22
Opportunity Cost of University Sports Programs	29
Appendix 1: Some Readings on Intercollegiate Sports in America	35
Appendix 2: The Bowl Championship Series (BCS)	39
Appendix 3: Notes on Intercollegiate Sports Data	43
Data Tables	85
Part I: The Top American Research Universities	85
Universities Ranking in the Top 25 Nationally	86
Universities Ranking in the Top 26-50 Nationally	88
Private Universities Ranking in the Top 25 among Privates	90
Public Universities Ranking in the Top 25 among Publics	92
Private Universities Ranking in the Top 26-50 among Privates.....	94
Public Universities Ranking in the Top 26-50 among Publics	94
Part II: <i>TheCenter</i> Research Universities	97
Total Research Expenditures	98
Federal Research Expenditures	104
Research by Major Discipline	110
Endowment Assets.....	116
Annual Giving.....	122
National Academy Membership	128
Faculty Awards	134
Doctorates Awarded	140
Postdoctoral Appointees	146
SAT Scores	152
National Merit and Achievement Scholars	158
Change: Research	164
Change: Private Support & Doctorates	170
Change: Students	176
Institutional Characteristics	182
Student Characteristics	188
<i>TheCenter</i> Measures.....	194
Part III: The Top 200 Institutions	201
Total Research Expenditures (2001)	202
Federal Research Expenditures (2001).....	206
Endowment Assets (2002).....	210
Annual Giving (2002)	214
National Academy Membership (2002)	218
Faculty Awards (2002)	222
Doctorates Awarded (2002).....	226
Postdoctoral Appointees (2001).....	230
SAT Scores (2001)	234
National Merit and Achievement Scholars (2002).....	238
Source Notes	243
Data Notes	249

List of Text Tables and Figures

List of Tables

Table 1. Summary of NCAA Divisional Requirements (2003-2004)	12
Table 2. Football Season Ticket Holders and Gifts to Athletics and Non-Athletics	15
Table 3. Athletic Classification of Institutions Reporting Any Federal Research from 1991-2000	18
Table 4. NCAA or NAIA Institutions Reporting Any Federal Research from 1991-2000	18
Table 5. Federal Research Expenditures (\$1,000) as a Function of Athletic Division and Undergraduate Student Enrollment	19
Table 6. Undergraduate Enrollment of Institutions Reporting and Federal Research by Public/Private and Division I-A Institutions (1991-2000), Number and Percent	20
Table 7. BCS and Non-BCS Division I-A Institutions 2000 Undergraduate Enrollment	21
Table 8. NCAA Division Membership of Universities in <i>TheCenter's</i> 2002 Top 1-25 or 26-50 (84 Total Institutions)	22
Table 9. Intercollegiate Sports Accounts	23
Table 10. Major College Football Stadiums Prior to 1930	25
Table 11. Ten Largest Division 1 On-Campus College Football Stadiums, 2002 Season	27

List of Figures

Figure 1. Division I-A Institutions by Level of Federal Research, 1991-2000	18
Figure 2. Universities with more than \$20 Million Federal Research and Sports Status.....	18
Figure 3. Universities with more than \$20 Million and NCAA Athletic Program by Deciles of Research and Division I-A or Other	21
Figure 4. Opportunity Cost for a Hypothetical Athletic Program Requiring an \$8 Million Annual Subsidy at Varying Levels of Actual Adjusted Endowment Equivalent for \$20 Million and Above Research Universities	32

List of Appendix Tables

Table 1. Athletic Data: Institutions Reporting Federal Research	46
Table 2. Institutions That Did Not Report Federal Research But Are NCAA Members with EADA Expense and Revenue Data Published by the Department of Education	72
Table 3. Institutions That Have Entered Division I-A Since 1978	82
Table 4. Institutions That Have Left Division I-A Since 1978	83

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 as well as reliable comparative data. The task for universities is to improve – measured not only 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 occur 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 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 creating 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 fourth edition continues the practice – begun with the report's second edition – of highlighting the national competition among universities in *The Top American Research Universities* tables, although we also include the tables for the Top Private and Top Public institutions separately, as in the previous reports. This

focus on national rankings recognizes that the competition for high-quality faculty and students is primarily a single endeavor 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 in the 2001 report 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 and trend data characteristics that may be of interest to many observers.

Last year we 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 these data. 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 more-than-\$20-million group presented here). *TheCenter* Web site provides a variety of other information, as well.

In the text of *The Top American Research Universities* we build on the continuing effort to understand the impact of major components of

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

research university activities on the key determinants of competitive research success.

We have looked at a wide range of characteristics including the impact of medical schools, the significance of undergraduate student enrollment, the impact of ownership (private or public), the organizational structure of public universities within their systems, and the importance of disposable income in supporting research competition.

In this year's report, we focus on intercollegiate athletics. While athletics has no direct connection to the research enterprise, it is a major element in many universities and commands a remarkable amount of attention, consumes significant resources, and generates controversy because of its impact on colleges and universities. Data tables used to prepare the discussion of intercollegiate sports in *American Research Universities* can be found beginning on page 46.

As is always the case in these studies, our purpose is to see how such components of the university's enterprise serve to inhibit or enhance institutional effectiveness in the competition for faculty talent, research resources, and outstanding students. For all the attention and controversy, data on university sports enterprises are unusually poor and incomplete. Nonetheless, we offer a discussion of the college sports enterprise that provides reasonably strong support for the premise that high-profile college sports appear in universities at all levels of research competitiveness. More importantly, we identify a method for evaluating the opportunity cost of an intercollegiate program investment that can help institutions make rational choices about investments in sports programs.

In developing this fourth 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 critiques help us immeasurably.

The work reflected in this publication draws on the exceptional support of Lynne Collis, who manages *TheCenter's* administrative services. Without her expertise, dedication, and initiative, this publication would not have appeared. The authors also thank Brian Harvey of the University of Massachusetts Amherst for his insight and expert contributions to this project, and especially for his work that demonstrated the weakness of any relationship throughout the history of intercollegiate football of winning programs to the achievement of institutional academic quality. We thank Danica Roark for her careful work with many aspects of the data collection and verification.

This report marks a transition in our senior staff. Diane Craig moved to work on other high-priority projects for the University of Florida. Fortunately, she remains as a Research Associate with *TheCenter*. Her expertise and constant engagement in all aspects of the development and publication of each edition since we began have been critical to the project's success. We all appreciate what she has done and are grateful for her continued involvement.

We welcome Kristy Reeves to the staff of *TheCenter* as Research Director. Her expertise is reflected in this publication, and we look forward to her long association with *TheCenter*. We also are pleased to have Will Collante as our Web/Database Developer to take charge of *TheCenter's* Web page and other computer support responsibilities. This edition of *The Top American Research Universities* also reflects the effective work of Dominic Rivers of the University of Massachusetts Amherst who appears as a co-author for his substantial contributions to the text and data on intercollegiate athletics.

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.

The Sports Imperative in America's Research Universities

Introduction

Among the many factors that distinguish American colleges and universities from their counterparts elsewhere in the world, intercollegiate athletics occupies a place of prominence. Every observer of American university life must engage the pervasive, ubiquitous institution of intercollegiate athletics that occupies so many students, faculty, staff, alumni, and friends and consumes substantial institutional resources. Some critics see this American passion for organized college sports competition as an egregious attachment to the body academic whose removal should be the goal of every serious person. Some partisans of intercollegiate sports see the pursuit of athletic competition as an essential component of superior higher-education institutions. Neither of these evaluations is correct, for athletics in America's colleges has a long and enduring tradition that represents a fundamental construct within the activities of almost every type of higher-education institution, and sustains its vitality and significance in the face of substantial fiscal and managerial challenges.

In our continuing exploration of America's top research universities, we seek to identify those elements within the university that help explain institutional success. We have looked at issues of student size, we have compared public to private institutions, we have considered the impact of medical schools, and we have explored the financial base and organizational structure of research institutions. In this essay, we look at the impact of college sports with a particular emphasis on major sports, especially football.

Our perspective here is to neither celebrate nor muckrake the intercollegiate athletic enterprise but rather to understand the organization and operation of intercollegiate sports and assess their likely value for institutions with superior records of research and academic performance. We explore the possibility that sports are simply an activity of high visibility cultivated on the margin of university life for reasons of history and public relations, and we consider the argument that college athletics provides a substantial context for the support and development of superior research institutions and those that seek to become superior.

The Origins

Our conversation begins with a historical perspective, for sports has been a part of our major academic centers since at least the beginning of the 20th century, and organized intercollegiate sports have presented challenges and opportunities much like those we see today since at least the late 1920s. As universities have grown ever more complex and diversified throughout the 20th century, so too have their athletics programs. Where once universities competed in a relatively informal way with ad hoc rules in contests organized on an occasional basis, today their sports programs compete in a highly organized structure with standardized rules of play and complex regulation of acceptable athletic and athletically related behavior of all participants. This evolution from essentially amateur, student-organized competitions to the professionalized structure and operation of intercollegiate athletics we observe at the beginning of the 21st century has attracted considerable study and analysis on which we draw for much of what follows.*

Yet in spite of the excellent scholarly and popular work available, the public conversation about this topic tends to degenerate rapidly into hyperbolic argumentation about the virtues and evils of intercollegiate sports. Some believe that sports build character, provide essential training for success in the modern world, and develop the individual values of teamwork, self-sacrifice, discipline, and achievement. Others see college sports as a corrupting influence on academic life that distort good values, teach students and sports fans to cheat to win, and undermine the university's core values of quality and integrity. Both perspectives are partially right. Our purpose here is not to resolve the issue of values but to understand how sports have come to have such a highly visible collegiate presence even in some of the most secure and academically powerful of America's research institutions. In this edition of *The Top American Research Universities* we

Our perspective is to understand the value of intercollegiate sports to superior research universities.

* An introduction to some useful items in the extensive literature on intercollegiate sports, including studies that fit into the scholarly, hagiography, muckraking, government report, and journalistic modes, appears in the Appendix.

explore the context for college sports and offer some observations on the relationships the data illustrate between the college sports enterprise and research universities.

Football – The quintessential college sport is football. Football is neither the first college sport nor the one with the longest history (rowing, among others, has a longer trajectory), but football captured the American collegiate imagination and the management of football provided the center around which the organizational structure of college sports evolved. The history of the rise of football in the early years of the 20th century and its ability to inspire the enthusiasm of large numbers of fans for Harvard and Yale, for Michigan and Columbia, and for other early participants in the game are now canonical. By 1905, the type of play characteristic of these early

games so challenged the sport that universities began to reconsider their sponsorship of these games. The plays lined up the offensive team some distance behind the line of scrimmage, grouped the players together in the shape of a wedge,

and ran this formation at full speed against the opposing team with such force and momentum and with so little protection for the players that serious injuries and even death became almost commonplace. A similar play involved another mass formation with the ball carrier (a smaller player) in the center of the offensive team's formation. Just when the forward motion of the play appeared to come to a halt, the ball carrier's teammates would pick him up and throw him bodily forward to gain more ground, an often-effective if always highly dangerous maneuver. In 1905 Theodore Roosevelt gave the colleges an ultimatum: fix the game's rules to improve its safety or see it banned by federal action.

This early 20th-century beginning set an important pattern for the future development of college sports. It demonstrated that sports had a drawing power for college alumni and friends that exceeded almost any other activity the university could generate. The number of people who showed up and cheered for a football contest made this activity a major event for the institutions and prompted college administrations to take over what had originally been

a student-driven activity. That university leaders and the American president would come together to resolve an issue of collegiate football competition clearly marked this game as a national topic of significance as early as 1905. The solution proposed – to limit some elements of competition to preserve the continuation of this popular sport – fixed the pattern of managing intercollegiate sports through an inter-institutional negotiation of rules and standards of play with the tacit and sometimes active blessing and endorsement of the nation's highest authorities.

College Sports as Symbol and Theater

This beginning also identified some other important characteristics of college athletics. Football and other college sports may well have reinforced values of teamwork, strategy, conditioning, discipline, and sacrifice, but their principal purpose remained competition to win. Indeed, the violent play that injured or killed players in these early years, even though eventually regulated out of existence, nonetheless improved a team's chances of winning. Although it may appear obvious, because every college sport in America keeps score, we emphasize the fundamental importance of this principle of competing to win because everything that develops around college sports – the regulations, the organization, the championships, the money, the cheating and corruption, the heroics and awards – serves the purpose of identifying winners.

College sports are about winning because they rely on competitions that produce relatively unambiguous outcomes. The competition of sports is, of course, a universal human activity, and every society has its games – some ceremonial, some symbolic of social values, some designed to highlight class structure, and others purposeful in training for war or other real-life challenges. The American college version of sports speaks to all these issues. Nonetheless, because by tradition and rule it can engage only participants belonging to the student body of a college, many of those who attend and follow these games take sports success as symbolic of the college's enduring value as an educational institution.

Organized sports provide an opportunity to test strength, skill, strategy, and competitive values in a highly stylized and structured venue where outcomes produce clear winners and losers. The games themselves recur repeatedly, each time starting from a new beginning. We cannot rewind and start anew the competition of life that sports model, but we can participate vicariously in the endlessly renewed process of sports where each episode, game, or season

Sports had a drawing power for college alumni and friends that exceeded almost any other activity the university could generate.

begins fresh, with no predetermined winners or losers and with an expectation of success undiminished by prior failures.

This charming conceit makes sports appear somewhat theatrical, as if they were a drama whose story repeats over and over again. Unlike the theatrical production, however, the audience does not know the outcome of the sports story before the play begins. In sports, we know that we will see a drama played out within rigidly specified boundaries of time, space, rules, and other constraints that define the artificial context of competition. For all its rigidity and repetitive formalism, the drama of sports, unlike theater, uses athletes who compete in real time, whose athletic action reflects not the simulated behavior of an imaginary character but the actual behavior of specific unique individuals.

In the drama of sports, the athletes are not actors at all; they are real competitors. Their wins and losses are real just like those in our own lives; their injuries, triumphs, and defeats affect them as individuals just as ours affect us. While the games repeat in a highly formalized pattern and college teams with their ever-renewed players compete each season in a reenactment of this standard drama, the audience gains substantial satisfaction through their vicarious participation in these real, yet artificially constructed and endlessly repeating, contests. Each sport appears within its own carefully built model of the real world – a model that represents some portion of life experience and plays that experience out for the audience's satisfaction. Every organized sport appeals to different audiences for whom the model fits some understanding of their personal life's competition, their definitions of success and failure, and their satisfaction in living and reliving the performance of the live theater of a particular sports competition.

College sports, however, add an additional and powerful element to this general enthusiasm. College sports are not just about the competition represented by all organized athletics; they are about the competition of a special group of young people defined by a socially powerful ritual of becoming. College itself is a ritualized and structured process for creating adults from adolescents – a rite of passage in America that originally defined elites and has come to define entry into American economic opportunity. To observe sports contests whose competitors must be students living through this rite of passage adds significance to the already powerful symbolism of sports. The players, teams, and contests not only act out the competition of life but do so within a framework limited to perpetually young competitors who as they

compete to win in sports also prepare themselves to compete to win in life. Their perpetual youth increases the power of the sports symbolism of constant rebirth. The games not only start over each season but their players (the students) are themselves constantly renewed on a regular scheduled linked to the academic graduation cycle. College sports display perpetually young and endlessly promising talent.

The large and enthusiastic crowds assembled for college sports events often merge their enthusiasm for the college's sports teams and their loyalty to the academic college or university in part because they understand the allegories of sports. The more complex and less easily defined messages of college education and university research defy instantly comprehensible expression. No matter whether they love or hate sports, almost everyone believes they understand sports. They may not care about the subtleties of offensive and defensive strategies in football, but if they have an affiliation with a major college athletic power, they know whether their college's teams are winning or losing. By a transference that drives true academics to distraction, the fans, alumni, and the public often equate the success of these recurring athletic competitions with the presumptive academic quality of the sponsoring institution.

The importance of these relationships should not be underestimated. While the muckraking literature on college sports decries the overemphasis, the rabid fans, the sports-crazed trustees, and the weak presidents in thrall to boosters who contribute substantial sums to support their favorite teams, this critique misses the main point. The power that sports has over colleges and universities is significant because sports are important to many people who are inspired by the association of athletics and college and who may care more about college teams than they do about the sponsoring institutions. The promotion and exploitation of this attitude come from the colleges and universities themselves, whose consistent and purposeful policy over generations has enhanced and developed the sports component of their institutions to produce exactly the result achieved. College sports are a great success for the institutions that have relentlessly pursued their expansion and organization for more than a century. We have, at the beginning

College sports are a great success for the institutions that have relentlessly pursued their expansion for more than a century.

of the 21st century, a college sports enterprise designed by the colleges and universities themselves.

The Amateur Student-Athlete – If we can accept some version of this story without necessarily

lending it our approval, we can then better understand how universities and colleges operate the sports enterprises they created. Several issues illustrate these themes rather well, perhaps none better than the intense effort of

American colleges and universities and their primary sports organization (the National Collegiate Athletic Association – NCAA) to give substance to the concept of the amateur student-athlete.

Students competing athletically on behalf of their college represent the fundamental requirement of the American college sports enterprise. At the same time, the driving principle of all sports, competing to win, challenges this value. When a winning score is the definition of success, the college sports enterprises must exert every effort toward collecting the highest level of athletic talent on their college teams. Superior athletic talent, like all superior talents, is rare; therefore, to win, colleges and universities have competed ferociously since the earliest days for the athletically talented individuals who, once enrolled as students, can win games. This competition for talented athletes who can function as students leads inevitably to difficult distinctions. Many skilled athletes may have superior athletic talent but often have little aptitude for the academic study required of regular students. College teams composed of athletes who do not qualify as students may improve the quality of play but seriously compromise the fundamental requirement of college sports: students competing athletically for their college.

The inevitable pressure to engage athletically talented people in college sports emerged early in the 20th century. As the 1929 Carnegie Report makes clear, the colleges themselves quickly recognized that unfettered competition for athletic talent without regard to the athletes' academic standing posed a threat to the student-defined quality of the remarkably popular college sports contests. If the players were not really students, but semiprofessionals labeled with the college's colors, then the special character of the collegiate sports experience could be lost and the competitions would become but minor versions of professional

games. Almost everyone recognizes that college sports' unique attraction derives not from displaying the highest possible levels of athletic performance but from the engagement in a student competition.

The NCAA, the organization the universities created to manage college sports competitions, early in its history began regulating the characteristics that would properly identify an athlete as a college student. Eventually labeled as student-athlete to recognize the dual character of athletes who qualify as students, the regulations serve to preserve the core quality of college sports: genuine students participating in these competitive sports as genuine representatives of their college's student body.

The history of this regulatory process offers a continuing lesson in one of the fundamental principles of human competitive behavior. If the prize is sufficient, people seek an edge in the competition, whatever the constraints regulation places on behavior. If universities must have student-athletes to compete, they enroll high-talent players with academic deficiencies and then hire tutors. If the student-athletes must be amateurs, universities pay the full cost of their time at the university. If the student-athletes must remain free of commercial taint, universities compensate them indirectly with high visibility in televised contests and large stadiums, expensive coaches, exceptional facilities, and other services that enhance their post-collegiate market value as professional athletes. This effort to ensure that college athletes function as students maintains the unique attractiveness of college games and creates a special entertainment product within an increasingly crowded sports commodity market.

The Intercollegiate Sports Franchise – Most of the other elements of the sports enterprise derive from these principles of the amateur, student, collegiate competition. Maintaining the quality, consistency, and integrity of the college sports enterprise proved complicated. As the higher-education business in America expanded, many more colleges and universities of widely differing size and character emerged, and with them came an increasing number of institutions in pursuit of high-visibility intercollegiate sports. To manage this, almost all colleges and universities gradually transferred substantial portions of their institutional control over college sports programs into the hands of external organizations, primarily the NCAA and secondarily the regional associations known as conferences.

By the mid-20th century, if not somewhat earlier, intercollegiate sports became a centrally controlled but

Ensuring that college athletes function as students maintains the unique attractiveness of college games.

operationally distributed business enterprise managed on behalf of colleges and universities. Individual institutions acquire licenses to operate what appear to be sports franchises. The academic institutions do not control the overall intercollegiate sports business, which has professional managers like any other major corporation. Instead, universities participate in the governance of the business by virtue of operating licensed intercollegiate sports franchises of varying size and character. The central corporation, the NCAA, sets the operating standards and practices under which colleges and universities can operate intercollegiate sports. While the universities have the equivalent of stockholder voting rights, they must accept the results of corporate governance and may not choose to manage their sports programs in ways that violate the rules created by the central licensing corporation, the NCAA.

This redistribution of authority and responsibility for college sports from the institution to the NCAA allowed colleges and universities to guarantee the sustainability of the essential elements of amateur, college-student competition. It had become clear early in the development of college sports that, if left to themselves, institutions would compete so intensely that they would eventually destroy the sports enterprise through violent play, non-standard rules, and various forms of recruiting scandals involving players of dubious academic or amateur standing. The universities transferred control of college sports to an external organization, the NCAA, in which each institution holds an interest, and delegated the responsibility for maintaining quality standards. This arrangement restricts the competitive drive of individual university sports programs within boundaries designed to ensure the quality and value of college sports for all institutions.

A consequence of this system is that intercollegiate athletic departments operate primarily in response to the rules of the NCAA and their conferences and secondarily in response to particular values or circumstances of their own institutions. When the NCAA accepts a university at one level of competition or another, it awards a franchise that allows the institution to operate various teams that compete in the university's name. Through extensive and detailed regulation, the NCAA guarantees certain levels of quality and consistency in the competition; the universities, in turn, develop their franchise sports programs under highly individualized identities but compete within a stable and quality-controlled context.

Successful universities invest heavily in the development of their part of the NCAA-sanctioned sports business. They create alliances with other successful

institutions using the conference mechanism to control markets and share costs and revenues, and they seek additional income from every imaginable source to sustain the constant reinvestment this business requires. Other colleges and universities, seeing value in successful sports programs, seek to enter the business. Before they can do so, however, they must gain permission from the NCAA and invest in becoming a licensed college sports franchise at one of the levels of investment defined by the NCAA division structure.

College or university participation in the system requires institutions to implement the NCAA rules before applying any local or college-specific rules related to sports or student-athletes. If the university's rules and practices conflict with the NCAA's rules, the larger organization's rules take precedence in every sports-related matter. If a college does not accept these conditions, it cannot run a sanctioned program, engage in competitions with other colleges that have NCAA programs, or enjoy the promotional and other benefits of a nationally competitive sports program.

In other forms of corporate franchising, the value provided by the parent is a standardized brand and product delivered in exactly the same fashion everywhere. In the collegiate sports version, the NCAA standardizes the sports product but allows the university to tailor the presentation, branding, and context within which it delivers the standard product to enhance the university's unique identity and brand name. A major part of the value of the NCAA franchising program is the university's ability to apply its individualized brand image to the successful delivery of the standardized product.

The NCAA ensures that individual institutions, in their pursuit of winning, will not diminish the value of college sports as student programs integral to the educational process of American colleges and universities. Every participating institution maintains a complete college sports program specifically defined by NCAA regulations. This broad context of athletic competition offers contests highlighting many different skills and abilities, different sports, and different student-athletes. The rules prevent universities from offering only basketball or football, as is the case in the professional sports business, or from sustaining only one or two sports at the highest competitive levels.

Universities operate licensed intercollegiate sports franchises of varying size and character.

Such a specialized program would damage the value of college sports because it would appear semiprofessional at best and detract from the image of college sports as a determinedly amateur enterprise.

The NCAA's control of most aspects of college sports also ensures high-quality competitions conducted among mostly comparable programs, although an

exception exists for Division III programs that can offer one Division I sport with scholarships (lacrosse and hockey are common examples). The NCAA has an ongoing discussion about eliminating this loophole. Indeed, much of the difficulty the NCAA periodically encounters results from

imbalances that appear in the competitive context that lead to the adjustments that produced the current divisional structure and discussions such as today's concerns about imbalances in the Division I-A football competition.

The creation of the student-athlete concept helps sustain some of the beliefs that underlie the sports enterprise. For example, in men's basketball and football at the top level many student-athletes participate for almost entirely sports-related reasons. But in the other sports required of institutions that choose to participate in the various NCAA divisions, the participants may well have few or no professional sports ambitions after college. In many of these sports, the participants may dream of Olympic appearances and may participate in other tournaments after graduation, but they know that their lives will depend on the intellectual and professional skills acquired in the academic programs pursued during their time in college.

They, or at least many of them, remain true to the idealized type of student with athletic talent who competes but also pursues an academic career and earns good grades in significant subjects. These poster children for the student-athlete legitimize the entire sports enterprise and provide protective coloration against the overwhelmingly commercial characteristics of big-time football and men's basketball. The NCAA and the conferences devote much effort to sustaining broad participation in multi-sport programs. By demonstrating the commitment to all sports and all student-athletes, the regulations that require multi-sport sponsorship help reduce the perception that college sports are only about the revenue sports of

football and men's basketball. The wide variety of sports and the significant number of student-athletes participating in non-revenue sports provide substance to the premise that college sports focus on the value of the student-athlete's experience rather than only on the issues of football and men's basketball.

The NCAA provides a wide range of services to its members. Most importantly, it runs an extensive series of tournaments that allow the institutions to determine champions in most sports. It sustains an elaborate public relations campaign to promote the image of college athletics and enhance the value of NCAA sports for building institutional image. It provides training for coaches and athletic administrators. In short, the NCAA is an effective, powerful, and successful intercollegiate sports conglomerate. It serves its members well and is a powerful actor in support of the operation and maintenance of the college sports enterprise.

Colleges present their relationships with the NCAA in many ways. Universities portray their sports operations as entirely a part of the institution's mission. They always treat their sports enterprise as if it were a university-controlled activity and often criticize their parent, the NCAA, for the rigidity of its rules, complexity of its regulations, and constraints it places on unbridled competition. This positioning is somewhat disingenuous because, having delegated the regulatory responsibility for college sports to the NCAA, the individual universities voluntarily gave up control over the requirements for operating a college sports program.

Universities and colleges can have successful NCAA programs or not, they can invest sufficiently or not, but they cannot decide how their sports program will operate. As individual institutions, they can cease to belong to the NCAA, and no longer compete, or they can invest more or less and change their competitive division within the organization. But as individual institutions, they do not control the requirements for delivering college sports on their campus. They control only how well they will compete within the constraints and follow the rules of the NCAA. Numerous examples exist of institutions that upgrade their NCAA division or trade down to a less expensive division. However, relatively few institutions choose to give up their NCAA membership completely, and none have in our category of major research universities since the realignment of Division I-A in 1982.

The Level Playing Field and the NCAA Divisions –

An inspection of the rules and regulations, presented in Table 1 on page 12, that define the operation of

The commitment to all sports reduces the perception that college sports is only about the revenue sports of football and men's basketball.

NCAA divisions can help illustrate this operation. Every division of the NCAA has a set of rules that defines what a university or college must do to become a participant at that level. Whether it involves number of scholarships, size of stadium and average attendance, number of sports, or expenditures, these requirements define the different amounts of university investment necessary for each category of athletic franchise. These distinctions maintain an approximate parity among sports programs in each division that is critical to the success of the NCAA sports business.

The parity requirement ensures that sports programs within each divisional level represent equivalent collegiate contexts. However, because the universities that support programs within any division are actually quite diverse in terms of size and resources, the NCAA requirements attempt to equalize the competitive contexts by setting minimum and maximum levels of commitment to the sports teams within each division. This is an approximate notion. For example, within Division I, and even within Division I-A, institutions vary widely in type, size, revenue, student and faculty characteristics, and every other imaginable measure. Over time, to adjust for the differences in the institutional contexts of the colleges and universities within a division, the NCAA regulations that guarantee comparable sports programs within the same division become quite complex. These definitions are essential because the competitions – the primary product of college sports – must appear to take place among approximately equivalent competing teams. In most cases, the divisional rules effectively limit expenses or restrict other forms of sports competition among institutions.

These rules sustain the carefully crafted balance expressed by the cherished notion of a level playing field. The level playing field expresses the ideal contest between the teams of two institutions, each of which brings the same capacity for assembling a team to the field. In an ideal competition on the level playing field, the outcome of the game depends not on the economic resources of the sponsoring academic institutions but on the skill, determination, and commitment of the players assembled from among the students. If the outcome depends on the size of an institution's investment in its sports, wealth of its alumni, or some other characteristic external to the game, then the ideal type fades from view, and the contests become more about money and resources than about students and their skill and commitment.

The development of the divisional structure itself and its continual refinement over time reflects the NCAA's struggle to maintain this level playing field as the complexity of the university marketplace for sports continues to grow. However, the importance to universities of delivering high-quality sports products, especially in football and men's basketball, challenges the NCAA's efforts to control costs and create standardized level playing fields within each division.

Sports, to repeat a constant refrain, are about winning above all other values. Universities will do almost anything imaginable to gain an advantage in the competition because it is by winning that sports deliver value to their university investors. The NCAA Division I Manual, to take one example, expands yearly with items that speak to controlling or prohibiting the endless series of inventive techniques that the universities devise to gain a competitive advantage and tilt the level playing field. The NCAA has had considerable success in this effort by constantly modifying its rules to capture each successive round of competitive initiatives devised by its members. The measure of this success is the continued survival and prosperity of the total enterprise of college sports. The NCAA's regulatory effectiveness naturally creates constant conflict with individual universities as their creativity in undermining the rules for a temporary advantage clashes with the organization's insistence on leveling the playing field.

The rules that define the reasonably level playing fields for the various collegiate divisions also define what constitutes cheating. The success of the NCAA in homogenizing the playing environment and in controlling many aspects of recruitment and retention of athletic talent also enhances the incentives to cheat. When most teams are relatively similar and when the academic requirements and the recruiting and support opportunities are also similar, the fundamental competitive advantage of one team over another becomes small. Minor improvements in a team's talent or other competitive advantage often can translate into a significant advantage in winning games. A few student-athletes of high athletic talent and perhaps no academic interest can, if permitted to play, tilt the level playing field, and universities will from time to time cheat to gain that advantage.

Universities will do almost anything to gain an advantage because it is by winning that sports deliver value to their university.

Table I. Summary of NCAA Divisional Requirements (2003-2004)¹

Division (# of Institutions)	Minimum Number Sports	Minimum Football Scheduling	Minimum Football Attendance	Minimum Men's Basketball Scheduling	Minimum Women's Basketball Scheduling	Financial Aid Requirement
I-A (N=117)	14 ²	60% against Division I-A members	17,000 average home game (or 20,000 average for all games) over last four years - OR 30,000-permanent seat stadium and 17,000 average home game (or 20,000 average for all games) over last four years - OR Member of conference in which 6 or more members sponsor football and meet above criteria ³	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	50% of maximum allowable grants in each sport - OR minimum of \$771,000 ⁴ - OR equivalent of 50 full grants in sports other than basketball and football ⁵
I-AA (N=121)	14 ⁶	More than 50% against Division I members	NONE	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	50% of maximum allowable grants in each sport - OR minimum of \$771,000 ³ - OR equivalent of 50 full grants in sports other than basketball and football ⁵
I-AAA (N=89)	14 ⁶	No Football (N/A)	No Football (N/A)	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	Provisional member: all but two games against Division I teams; Active member: all but four games against Division I teams and 1/3 of all games are in home arena	50% of maximum allowable grants in each sport - OR minimum of \$771,000 - OR equivalent of 50 full grants in sports other than basketball and football ⁵
II (N=282)	8 ²	NONE, other than contest minimums ⁷	NONE ⁷	NONE, other than contest minimums ⁷	NONE, other than contest minimums ⁷	NONE ⁷
III (N=430)	10 ²	NONE	NONE	NONE	NONE	No Athletic Scholarships

¹ Requirements for membership in the NCAA's Divisions I, II, and III appear as reported in the 2003-2004 NCAA Divisions I, II, and III manuals.

² Half of these sports must be female-only. Minimum will increase from 14 (7 female only) to 16 (8 female only) in 2004-2005 for Division I-A and from 8 (4 female only) to 10 (5 female only) in 2004-2005 for Division II

³ Beginning in 2004-2005, these loopholes will be eliminated and all Division I-A schools will need to demonstrate average actual attendance of at least 15,000 for all home games.

⁴ Beginning in 2004-2005, Division I-A schools must offer a minimum of 200 athletics grant-in-aids or expend at least \$4 million on athletics grant-in-aids to student-athletes.

⁵ Member institutions that do not award any athletically related financial aid in any sport as of January 11, 1991, shall be exempted from the minimum requirements. Minimum grants differ for schools not sponsoring basketball.

⁶ Divisions I-AA and I-AAA currently have a 7-sport female-only requirement, but the minimum will NOT increase to 16 total sports in 2004.

⁷ Beginning in 2005-2006, athletic scholarships will be required in Division II: 50% of maximum allowable grants in four sports, two of which must be women's sports - OR minimum of \$250,000, with at least \$125,000 in women's sports - OR equivalent of 20 full grants (10 in women's sports).

Because sports success depends in the first instance on the acquisition of athletic talent, much of the cheating tends to focus on acquiring and retaining the services of athletes whose eligibility as students under the NCAA rules is questionable.

The Rules and Enforcement – The multi-layered model of athletic governance that involves the NCAA, the conferences, the institutions, the athletic departments, and the individual sports sometimes inhibits effective management of the college sports enterprise. Accountability for failure to adhere to the critical rules that maintain the essential character of the student-athlete and the required level playing field belongs to everyone, and the location of responsibility often proves difficult. The NCAA has always struggled with the enforcement and punishment of infractions (the technical term for violations of the rules). Everyone acknowledges that the institutions have primary responsibility for the operation of the programs, but the imposition of penalties for failure to follow rules challenges college sports management.

The system directly or indirectly punishes everyone involved or associated with a sports program found in violation. The punishments vary but basically have two purposes. One is to punish directly individuals (students, coaches, boosters) who misbehave, and the second is to punish the institutions involved in infractions. The student can be expelled from athletics, the coach can be banned from coaching at an NCAA institution, and the booster can be excluded from participation in the institution's athletic programs or attendance at games.

The institution's punishment usually involves a reduction in the competitive opportunities for the sports program found in violation of rules, and this often results in lost revenue. A college can lose the right to offer athletic scholarships for a period (which weakens the competitive strength of its sports), it can lose the right to compete in post-season bowl games (which means a major loss of revenue), it often must fire an offending coach (which produces a lag in program development and recruitment), and so on. The conferences can also impose financial penalties on institutions within their membership whose misbehavior reduces the revenue the conference would otherwise share from bowl games and other conference activities.

However, these sanctions frequently damage the innocent. Students and coaches who had no participation in the misbehavior (which may have occurred

well before their tenure at the university) find themselves prohibited from competing in championships their athletic performance would otherwise have earned them. Fans and boosters who had no involvement in a scandal find their teams crippled in competition by sanctions imposed for behaviors of people no longer affiliated with the university.

Institutions and their supporters resist and resent these penalties and project them as unfair. The NCAA, as the guardian of the amateur, student-athlete, level playing field requirements for college sports

success, must nonetheless impose significant penalties or the pursuit of winning will undermine the fundamental elements in this successful system.

Other observers think the penalty system too mild, but the task of assigning responsibility proves difficult precisely because college sports operate on such short time cycles. Many violations deal with payments or other prohibited activities related to student-athletes. Often, by the time the infraction is identified, investigated, and the NCAA assesses a penalty, the student-athlete is out of school and beyond the reach of the NCAA, which has no legal authority to impose sanctions on individuals not associated with college athletics. For example, even when the NCAA finds a substantial violation of its rules because of the behavior of a student-athlete, it may end up penalizing the university because it cannot reach the guilty student-athlete who has left the institution to become a famous, wealthy, and much-praised professional athlete.

Such circumstances seriously challenge the NCAA's ability to define fair and effective sanctions for rules violations. At the same time, the NCAA seeks to guarantee substantial compliance with its rules, not necessarily complete purity. It calibrates its sanctions to make the most serious violations more expensive to the institutions than the benefit they might gain by cheating. For the most part, the NCAA has succeeded in sustaining the quality of the game and controlling the majority of the worst abuses, but not without considerable controversy and from time to time spectacular cases of truly remarkable cheating.

Because sports success depends on athletic talent, cheating tends to focus on acquiring and retaining the services of athletes.

The Value of College Sports: Audiences and Image

If this description captures the essential relationship between the academic university and the national intercollegiate sports business, what then motivates institutions to spend substantial sums on athletics and, in the overwhelming majority of cases, sustain their athletics programs even when they produce substantial annual losses? What is the value of this activity to any university and, in particular, a research university?

Although the rhetorical context of college sports speaks of the activity in terms of spirit, values, leadership, and the like, much of the

continuing value of college sports is more prosaic if nonetheless significant. Intercollegiate sports address a wide range of audiences, capture public enthusiasm for the institutional name and image, and attract large numbers of people to the campus. Even though many students participate, in most intercollegiate athletics programs and certainly in the major sports, the student-athletes represent a special class of individuals distinct from the regular students admitted to participate in the institution's academic programs. The athletes may be good students, and many of them are, but their relationship to the university – especially in the major sports of football and men's (and increasingly women's) basketball – begins with their sports interest. As a result, while regular students care about sports, attend sporting events, and often participate on recreational or intramural teams, college sports (especially at the Division I level) exist primarily to reach audiences beyond the campus, although external interest varies significantly by sport.

The Alumni – The alumni constitute the classic audience for college sports. Sports, alone among university activities, speak to all generations and groups of alumni. Not always in the same way and not always with the same intensity, almost all alumni understand one or another of the college's sports, and the number of alumni willing to engage with a college or university around its sports program is often larger than any group willing to engage around almost any other recurring university activity. This is the fundamental audience for the sports enterprise, and the returning alumni, drawn by sports contests (especially by football and men's basketball), repre-

sent such an attractive market that most colleges and universities embrace these sports. While the returning alumni surely enjoy their football and basketball games, the real value to the university comes from their presence on campus, their constant and recurring engagement with the university and its representatives through the sports events, and their reinforced identification with the institution, continuously updated and modernized by the repeated visits prompted by the games.

Alumni represent the strongest and most natural group of institutional supporters for any university, but maintaining their interest and allegiance after graduation has always posed a challenge. A gap of some 10 to 15 years or more separates the college experience from the significant influence and support that alumni can give. In many cases, the gap is much larger, reaching 30 or 40 years between the time of graduation and the moment when a graduate thinks of giving back to the institution. If the university loses touch with its alumni in the interim, reconnecting them to the institution and making the institution once again a living part of their emotions and commitments often pose difficult tasks. If, however, the graduates return again and again to observe the games and if they interact with the current generation of students, follow the changes in university life, see the new buildings emerge and the university change character over time, then the alumni may recognize the modern university as their own. Their frequent visits to campus, motivated by sports, constantly update their mental image of the place. Although other visits – motivated by academic issues, theatrical performances, or other activities – would have done the same, no other university or college activity demonstrates the unifying impact and the popular draw of college sports.

Fund-Raising – Some considerable effort has gone into studying the link between college sports and an institution's fund-raising for academic and student purposes, but the data on this relationship do not provide much support. Most of the studies find relatively small effects on general university fund-raising from the activities of a sports program. While it appears that highly successful athletic programs can enhance giving to sports, it is not at all clear that sports success contributes to academic fund-raising.

We had the occasion to review data that link football season ticket holders to academic and sports fund-raising at a university with a top-level Division I-A program during a national championship era in football and a major institutional fund-raising

Sports address a wide range of audiences, capture public enthusiasm for the institution, and attract large numbers of people to the campus.

campaign. These data from 1996 (see Table 2) appear to show almost no relationship between sports ticket holders and academic fund-raising. Season ticket holders averaged gifts to athletics and non-athletics of almost the same relatively low amount. Non-ticket holders, however, gave little to athletics but substantially to academics. In addition, it is useful to note that this institution had about 14,700 season ticket holders but about 39,400 non-ticket holders in the total donor pool. The non-ticket holders gave more to the university's academic activities (as we would expect) and gave larger gifts than the season ticket holders gave to either academics or athletics. The ticket holders gave to both athletics and to non-athletics, but this is likely to be something of an exaggeration because some of the gifts to athletics actually reflect the required gifts for premium seats. Although these are indeed gifts, they actually reflect not philanthropy as much as they reflect a premium price for preferred seats expressed through philanthropy. Our experience also indicates that the university cannot usually divert donors who give to athletics in large amounts to academic giving, and the institution cannot change academic donors into patrons of athletics. These donor pools appear to be, for the most part, mutually exclusive.

Large Audiences and Brand Differentiation –

Alumni may be the prime audience for universities and colleges, but success in the highly competitive business of higher education requires access to other audiences. As the American enthusiasm for all sports grew ever more pronounced throughout the 20th century, and as the college version of sports gained increasing visibility thanks to television, the original purpose of connecting the alumni to the institution gained an added dimension. Universities found it possible to connect total strangers to their institutional interests through the common power of inter-collegiate sports. The expansion of popular national

audiences for college sports accelerated the transition from institutionally driven sports contests designed to speak to institutionally defined audiences to sports enterprises subsidized by institutions to reach national and previously unaffiliated audiences. Although this trend accelerated in the second half of the 20th century, it appeared significant to commentators well before mid century.

The dramatic growth of college sports audiences, evidenced by the growth of stadium audiences and especially accelerated by the dramatic expansion of television coverage, made the college sports enterprise ever more professional. Television required high production values, and college sports worked closely with the television networks and their corporate sponsors to bring the games, especially football but also basketball, to higher levels of performance quality. The spectacle of today's top-level college sports contests equals professional sports in production values, quality of presentation, and organizational and marketing sophistication. This is what the sports enterprise offers the colleges in exchange for Divisions I and I-A NCAA participation, and, of course, this prompts the cynicism and dismay of many college sports critics.

By reaching large audiences of alumni and strangers, universities and colleges found a mechanism to differentiate their images and their products in the public mind. This marketing function of college sports has more power and reach than we might initially expect. While each university and college believes itself to have a unique product to provide its students, most college and university academic programs are, in content, virtually indistinguishable. They have almost identical courses offered to students in similar patterns sanctioned by standardized accreditation requirements. Not only do they offer standardized general education and majors in the arts and sciences, but most professional associations in such fields as engineering and manage-

Table 2. Football Season Ticket Holders and Gifts to Athletics and Non-Athletics*

Ticket Holders	Gifts to Athletics	Gifts to Non-athletics	Total Gifts
Average Gift	\$623	\$685	\$1,308
Total Gifts	\$9,134,774	\$10,034,695	\$19,169,469
Non Ticket Holders	Gifts to Athletics	Gifts to Non-athletics	Total Gifts
Average Gift	\$99	\$1,428	\$1,527
Total Gifts	\$3,882,127	\$56,249,090	\$60,131,217

*Data for 1996 Division I-A Public University.

Sports project distinctive images onto the apparent uniformity of institutions' undergraduate academic profiles.

ment also impose even more rigid definitions for degree requirements on these institutions.

Residential colleges offer mostly 120-credit hour degrees in programs whose ideal period is four years. They all offer study-abroad programs and service learning, along with the standard curriculum, and residential colleges have similar housing arrangements and student activities.

Although the qualifications and credentials of the faculty differ substantially among the institutions, these differences prove difficult to explain or demonstrate to many audiences, especially parents and students. Even the campus advertisements shown on television at halftime look almost identical, one university to another, and it is almost impossible to tell which university the ad highlights until the name appears on-screen.

The convergence of content and context, especially among residential colleges and universities, increases the value of activities like intercollegiate sports that can project distinctive images onto the apparent uniformity of many institutions' undergraduate academic profiles. In encouraging students to choose a college or university, helping donors decide where to invest their gifts, and persuading legislators to invest in public higher education, the institutions need symbols that identify their uniqueness. They want their campus to stand out in a crowded marketplace of what many might consider mostly interchangeable academic institutions.

Sports help create brand identity for colleges and universities. This important purpose enhances the value of the NCAA's quality control that allows the university to project its own unique symbols and values onto a high-quality product seen and experienced by thousands to millions of individuals. Nothing else a university does gains the exposure provided by intercollegiate sports. Even at the lower levels of Divisions II and III, where game attendance may reach only a thousand or so, few other campus events draw the same attention. At the top level, where the competition is most visible, where the universities market themselves on a national scale, and where the distinctions among institutions are most difficult to dramatize, the power of sports to create image is overwhelming.

As a minor but telling indicator, the national media report on no other university activity of any

kind regularly except sports. No other university activity except sports has a defined place within a special section of every daily newspaper in America. Even local teams of small colleges receive regular coverage in their local media outlets, not to mention the network news coverage of big-time college sports that occupies a special segment on most news shows throughout the year.

The universities support sports to get the visibility and then use sports visibility to highlight the distinctiveness that defines their academic programs. This helps explain the tremendous effort expended on defining the student-athlete, on advertising the campus during televised games, and on always presenting the football or basketball stars with their class standing and their academic major. The NCAA parent organization, the conferences, and the universities all work diligently to project the university onto the canvas of sports although, in comparison to the intense focus on winning, the academic context projected by college sports often fades to a mere shadow.

Nonetheless, the competitive marketplace for universities (for students, alumni support, legislative attention, corporate interest, and general name recognition) is so difficult and the academic products universities sell have become so standardized that few institutions believe they can forgo the identity creation value of a sports franchise. In the positioning critical to all image creation, universities and colleges use sports to align themselves with other institutions that have high academic standing. They hope that by playing football against Michigan, its reputation of high academic quality will transfer to them. They hope that by moving from the company of smaller, sometimes less academically prestigious public universities who play Division I-AA football into the level of Division I-A football the public will assume that they, too, have joined the ranks of major research institutions.

When a public university moves from Division I-AA to I-A it hopes that its audiences will see the institution as comparable in some way to Illinois, UCLA, Berkeley, Michigan, Washington, and other academic and athletic powerhouses. Quality by association is the goal. The actual academic differences between major and minor research universities do not appear easily to the public on casual inspection – a fact that fuels the endless ranking industry publications on colleges and their programs. However, for many university constituencies, the sports association becomes not only the most visible but also the most intelligible and interesting university relationship. Many university leaders and support-

ers explain their sports enthusiasm in these terms, and this almost irresistible attraction encourages them to invest in the highest level of sports performance they can persuade their trustees to approve.

The associational game involves two levels of engagement. The first relates to the level of sports program the institution can buy (Division I-A being the most expensive). The second relates to the group of institutions within a divisional category with which a sports program can associate. Premier conferences such as the Big Ten or the Pac-10 or the Ivy League set the standard, with member institutions of similar academic aspirations if not always-similar academic achievements. Other conferences have cachet for their athletic prowess, such as the SEC. These associations of institutions serve to maximize revenue and create identities for their members. Over time, what had been regionally driven collections of schools became sub-corporations in search of ever-greater competitive opportunities and ever-greater media exposure and revenue.

Whatever else we can say about the intercollegiate sports business, we know that it has a large, enthusiastic, and committed audience. This was the original goal of the college sports enterprise, and, by every measure we can find, it has succeeded beyond anyone's most optimistic expectations. Alumni, students, parents, friends, legislators, donors, and strangers – all see and hear about academic institutions through sports as well as through other communications from the institution. University faculty might prefer that the chemistry faculty's remarkable scientific success reach the constant attention of the media, programs in musicology be featured every day in the newspaper, student accomplishments in creative writing appear on the nightly national news, but they do not.

Instead, the media show the sports programs, the student-athletes, the coaches, the stadium expansions, the errors of commission and omission in sports management. This is the return on investment in college sports. While there is some benefit in terms of student recruitment and alumni interest that may lead to fund-raising opportunities, these do not justify the expense. The attention, the image, the media, and the university brand promotion provide the best justification for whatever investment in sports the university must make.

As a final comment on the audience, most university people also know that aside from the instrumental value of sports as image creators and enhancers, college athletics has an audience that believes passionately in the intrinsic value of college sports. This audience cares about sports as a univer-

sity product – not as a symbol for the real university and not as a surrogate for the academic quality that takes place on campus but rather for the sports competition itself.

Sports are the university's most important and valuable products for these university citizens: some faculty and staff, some students, many alumni, many trustees, many legislators, some donors, and many external observers.

American universities, public and private, have a long tradition of responding to the enthusiasms and values of American life. High-level competitive sports are one of America's premier activities. Whether as participants or audience, Americans love their sports, they buy sports information, and they consume sports products at prodigious rates. As a result, America's higher-education institutions, attuned as always to the American dream because the university lives as a creator of America's dreams, devote substantial resources, time, energy, and creativity to the delivery of major sports products that carry their names and embody a stylized version of their presumed values.

College Sports and the Research Universities

Within this context, the subset of institutions we define as research universities participates significantly in intercollegiate sports. Some of the nation's most productive academic research institutions also support exceptionally high-profile sports programs that compete at the top level of football, men's basketball, and other sports. At the same time, many top research universities have sports programs of much less prominence.

If we look at the distribution of all research institutions listed in Table 3 on page 18 (defined as any institution reporting federal research expenditures, by their athletic classification), we can see that institutions with federally funded research fall into every level of sports activity. This table shows 108 institutions that do not participate in the NCAA athletic universe, primarily because they are stand-alone medical campuses or other specialized institutions, do not sustain undergraduate populations of significance, or have chosen to stay out of the mainstream of college sports programs by belonging to the National Association of Intercollegiate Athletics (NAIA). The NAIA is a conference of small colleges

When moving from I-AA to I-A, a university hopes its audiences will perceive it as becoming an academic as well as an athletic powerhouse.

Table 3. Athletic Classification of Institutions Reporting Any Federal Research from 1991-2000

NCAA or Athletic Membership	Number of Institutions	Percent
Division I-A*	115	18.7%
Division I-AA	95	15.4%
Division I-AAA (no football)	67	10.9%
Division II	94	15.3%
Division III	121	19.6%
NAIA Member	16	2.6%
Neither NCAA nor NAIA Member	108	17.5%
All Institutions	616	100.0%

*Of the 117 Division I-A institutions, two do not report any Federal Research.

Table 4. NCAA or NAIA Institutions Reporting Any Federal Research from 1991-2000

Classification	Number of Institutions	Percent
Division I-A	115	22.6%
Division I-AA	95	18.7%
Division I-AAA (no football)	67	13.2%
Division II	94	18.5%
Division III	121	23.8%
NAIA Member	16	3.1%
Total	508	100.0%

Note: The other 108 institutions that reported federal research out of the 616 total were neither NCAA nor NAIA institutions. Of the 117 Division I-A institutions, two do not report any federal research.

that compete in intercollegiate athletics outside of the NCAA. If we exclude the 108 institutions that do not compete in the NCAA or NAIA, the percentages change only slightly (Table 4).

Our interest in these issues focuses on the relationship between top performance in intercollegiate athletics and top performance in research university competition. Figure 1 shows the distribution of the 115 institutions supporting Division I-A franchises by their level of research performance. Note that the figure shows 115 Division I-A universities because, although the NCAA qualifies 117 institutions within Division I-A, two of these institutions do not report any federal research (Troy State University and the United States Military Academy). Some 66% of the major Division I-A institutions also fall into *TheCenter's* definition of top research universities, which are those universities reporting more than \$20 million in annual federal research expenditures. The rest of the I-A institutions have much lower levels of research performance, and 5% fall into the lowest category (\$1 million or less of federal research expenditures). Clearly, a substantial number of institutions that support Division I-A sports also have substantial research performance, but many Division I-A institutions have relatively modest research success.

While it is certainly the case that the group of Division I-A institutions includes top research performers, it is also helpful to note that of 160 institutions capturing more than \$20 million of federal research, more than half (84) do not support Division I-A sports (see Figure 2). All the other institutions with some sports affiliation account for about a third (54), and the institutions with no sports affiliation (30) account for the remainder. Clearly, these data indicate that there is no necessary relationship between sports investment and research success.

Figure 1. Division I-A Institutions by Level of Federal Research 1991-2000

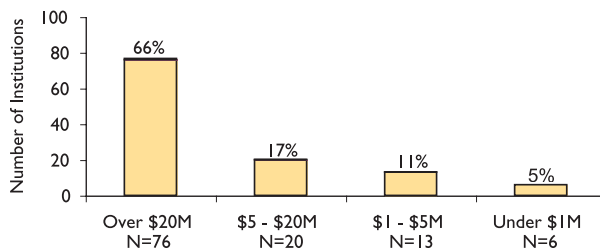
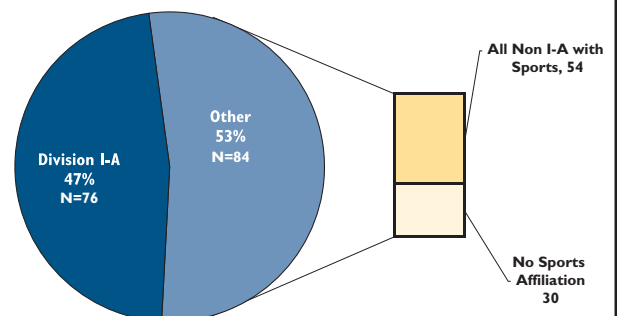


Figure 2. Universities with over \$20M Federal Research and Sports Status



We also conducted an analysis of variance of federal research expenditures including NCAA athletic division, enrollment, and control (public vs. private) for those institutions with any federal research expenditures that also belonged to an NCAA division. This analysis showed that NCAA athletic division had no significant effect on federal research, while both enrollment and control had significant effects. Athletic division had no significant effect whether Division 1A was contrasted with all other divisions or all five divisions were compared (see Table 5 for the effects of enrollment and athletic division). Federal research expenditures were higher for private than public institutions (\$35 million for private vs. \$29.3 million for public institutions) in this analysis, which considered only those institutions that belong to a division of the NCAA.

Athletics at Public and Private Research Universities

– For the purposes of exploring these relationships a bit more, let us look at the institutions with more than \$20 million of federal research that support an NCAA program. This universe of 130 institutions excludes those 30 institutions whose mission is not compatible with an investment in an intercollegiate sports program, primarily as we have indicated earlier stand-alone medical centers and other highly specialized institutions. Of this group of 130 top research universities, public institutions number 89 and privates 41. We discussed the strength of public research universities in a previous edition of *The Top American Research Universities*, but of particular interest here is the relationship we identified between institutional size (in terms of undergraduate student population) and research success among public but not private institutions.

Among the 89 top public research institutions, 65 have Division I-A intercollegiate athletic programs; of the 41 top private institutions, only 11 have Division I-A franchises. Clearly, a majority of the top public research institutions make a significant commitment to

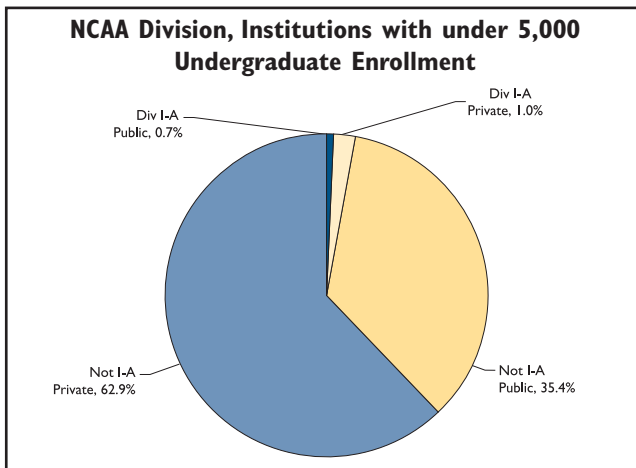
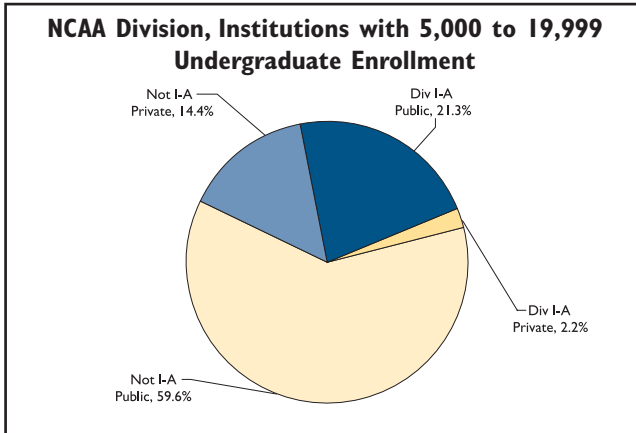
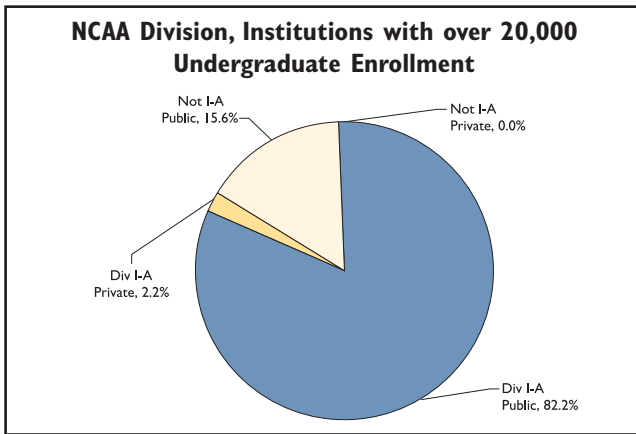
intercollegiate athletics. The private universities, however, do not appear to have the same commitment, and most succeed without investing in the top level of sports competition. Most of the private institutions that do invest in Division I-A sports do so in close collaboration with public universities through conferences that have strong football-related public members. A few private universities, however, stand within the range of the powerful public institutions. For example, in the data included in the Appendix, the University of Southern California – a football power in its own right – shows an annual total of almost \$43 million for its athletic program. Notre Dame comes in at almost \$39 million, Boston College at \$33 million, Stanford at \$33 million, and even Duke – with a modest football program – spends about \$32 million annually. All of these major private university sports programs play in conferences participating in the Bowl Championship Series (BCS, see the description below in the text and additional information in the Appendix) except for Notre Dame, which has a special opportunity to participate in the BCS as an independent. Even Notre Dame, however, depends on the existence of the major public football powers for much of its athletic success, even if not within a formal conference framework for football.

Part of the difference between the sports commitment of public and private research universities has to do with the size of the undergraduate population. Large student populations help sustain major sports programs, partly because in the public sector students often pay dedicated athletic fees and partly because a large student body creates a built-in audience from

Sixty-five of the 89 top public research institutions have Division I-A athletic programs; only 11 of the 41 top private research institutions have I-A franchises.

Table 5. FY2000 Federal Research Expenditures (\$1,000) as a Function of Athletic Division and Undergraduate Student Enrollment

Division/Enrollment	III	II	I-AAA	I-AA	I-A
20,000	\$62,907	\$108,456	\$38,308	\$102,637	\$94,501
5,000-19,999	\$50,297	\$4,175	\$7,855	\$20,863	\$44,724
Under 5,000	\$3,821	\$2,186	\$1,119	\$1,399	\$11,979



enrolled students and large alumni contingents. Table 6 with its accompanying figures shows the number of institutions reporting any federal research (public and private) in three groups by undergraduate student size.

Among the large universities with more than 20,000 undergraduates, 84% have Division I-A programs. Brigham Young, the only private university of this size, also has a Division I-A program. In the middle-sized universities with 5,000 to 19,999 undergraduates, only 26.3% of the public and 24.5% of the private universities have Division I-A programs. Small universities with undergraduate populations less than 5,000 have the fewest Division I-A programs. Only 5 of nearly 300 schools, 188 of which are private, fall into this category. Further reinforcing the importance of a large undergraduate population for a successful big-time intercollegiate athletic program, the median and average undergraduate enrollments of BCS institutions exceed those for non-BCS Division I-A programs, as illustrated in Table 7 on page 21.

While the distribution of high-profile football programs among significant research universities offers a useful perspective, we have a particular interest in the elements that contribute to research university success. The more than \$20 million in federal research group, which identifies those institutions that capture about 92% of the reported federal research expenditures, includes universities whose research expenditures vary. The median research performance of the top 10 research universities in the group is about \$319 million, and the median research performance of the bottom 10 performers is about \$21 million. If we look at those institutions with \$20 million in federal research that also have a Division I-A football program, their median federal research performance is about \$65 million.

One way to look at these high-performing research institutions is to group them by deciles and within deciles by the number of Division I-A and other sports levels. Figure 3 shows that the number of high-level

Table 6. Undergraduate Enrollment of Institutions Reporting Any Federal Research by Public/Private and Division I-A Status (1991-2000), Number and Percent

Undergraduate Headcount (2000)	Number of Institutions	Div I-A Public	Div I-A Public	Div I-A Private	Div I-A Private	Not I-A Public	Not I-A Public	Not I-A Private	Not I-A Private	Percent
		#	%	#	%	#	%	#	%	
20,000+	45	37	82.2%	1	2.2%	7	15.6%	0	0.0%	100%
5,000-19,999	277	59	21.3%	13	4.7%	165	59.6%	40	14.4%	100%
Under 5,000	294	2	0.7%	3	1.0%	104	35.4%	185	62.9%	100%
Total N=	616	98		17		276		225		

football programs among the universities in each decile varies, but note the first group. In the highest decile of federal research, the presence of exceptional private research universities without Division I-A football is evident in the low number of I-A institutions. However, in the rest of the deciles, it becomes clear that high-level sports programs coexist with all levels of research performance among the nation's top research universities. While many of the most competitive research universities appear to have high-profile sports programs, no clear relationship exists between research performance and operation of a Division I-A athletic program.

Another view that tends to reinforce these conclusions looks at the athletic commitment of the universities that appear among the top 50 research universities defined by *TheCenter's* measures. (Note that 84 institutions rank among the top 50 on *TheCenter's* indicators because many institutions tie at the various levels of performance.) Here, shown in Table 8 on page 22, the results demonstrate that just under half of the high-quality institutions ranked in the top 50 on one or more of the *TheCenter's* measures do not support a Division I-A football program.

As we reviewed the relationship between general athletic program success and top overall research university performance as expressed in *TheCenter's* measures, it became clear that the data do not easily support simple generalizations. High levels of sports engagement and high levels of research university performance appear to respond independently to different but sometimes-related institutional, geographic, and historical circumstances. The existence of a high-level football program neither precludes nor enhances the competitive success of

Table 7. BCS and Non-BCS Division I-A Institutions 2000 Undergraduate Enrollment

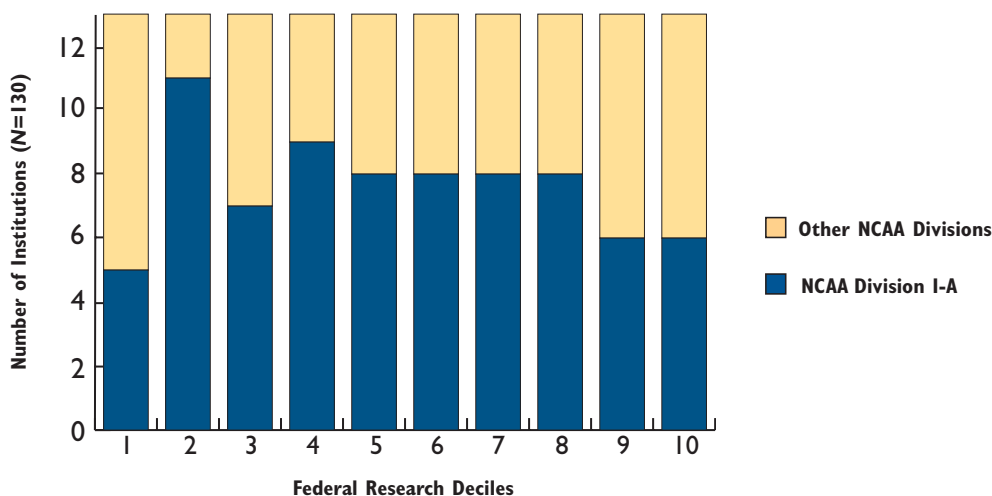
Measure	BCS	Non-BCS
Average Undergraduate Enrollment	20,200	14,432

research universities. Instead, under some circumstances (often when a university is rich, large, public, and has a long-standing successful commitment to major intercollegiate sports competition) a financially successful sports program can be a competitive asset for universities that are already effective as research institutions. In other cases, highly effective research universities, such as MIT, choose not to participate in Division I-A.

Some universities, mostly public, have traditions of competing at the top of the football hierarchy since the early days of college football at the turn of the 20th century – such as Michigan, Pittsburgh, or Illinois. Others have winning traditions that date from before or just after World War II (again, mostly public institutions), and they continue at top levels of athletic performance up until the present time, including such powerhouses as Oklahoma, Nebraska, and Texas. A number of institutions, usually private in ownership, had their football glory days in the early part of the 20th century, falling to lower levels of sports competition as the NCAA subdivided the competition into football-related divisions to accommodate the rapidly expanding audiences and programs at what had become much larger public universities.

Some private universities, like Vanderbilt, Northwestern or Duke, maintained their Division I-A

Figure 3. Universities with More Than \$20 Million in Federal Research and NCAA Athletic Program by Research Deciles; Division I-A and Other



Almost all intercollegiate sports require a subsidy from the parent institution's discretionary funds.

programs by virtue of participating in powerful conferences with major public football powers or an emphasis on basketball. Private universities, most with substantial undergraduate populations like Stanford and especially

Notre Dame and the University of Southern California, sustained their competition at the top levels of college football on a par with their public counterparts. Institutions like Harvard, Yale, or Penn in the Ivy League left the top level of football because their institutions could no longer

meet the attendance requirements for Division I-A football and could not compete in the same division with the major public institutions. This complex history, and the particular circumstances that influenced each institution's choice of whether to sustain a particular level of NCAA program, makes one-dimensional relationships linking university sports success with the institution's academic success difficult to establish.

The Relative Cost of Divisions I and I-A Sports

The somewhat idiosyncratic process of decision making that leads universities to choose to invest at one level or another in a particular sports program persuades us to believe that the key questions for any high-quality research university contemplating its sports program's future deal with opportunity costs. That is, if we can establish the true cost of operating an NCAA sports program at any level, what opportunities do research universities lose by investing discretionary dollars in a sports program rather than an academic activity? With a reasonable estimate of this opportunity cost, an institution can consider whether the return on an investment in sports will compensate for the lost value of the return on an equivalent investment in higher-quality teaching or research.

To approach this question we need to look at a number of components of an intercollegiate sports program:

- A careful and full accounting of the true cost.
- An understanding of the role of conferences and the Bowl Championship Series (BCS) in the finances of Division I-A intercollegiate athletics.
- An understanding of the relationship of the net cost of an NCAA sports program to the university's total discretionary income.

Financing the Sports Enterprise – Almost all intercollegiate sports require a subsidy from the parent institution's discretionary funds. A few programs earn enough money from athletically related fundraising, ticket sales, student athletic fees, endorsements, TV and radio revenue, and other income to pay the full cost of their operations, but most do not. The publicly reported financial information on college sports rarely provides full, reliable, and accurate data. (See the Appendix, *Athletic Dollars: Selected Definitions and Frequently Asked Questions from the Department of Education*, for a discussion of the financial data available.) Many universities manage their athletic programs as if they were ordinary academic departments of the university, allocating university funds for current operations and paying many forms of overhead out of central accounts not attributable to athletics. Table 9 on page 23 illustrates a model for full accounting of an intercollegiate sports program and identifies elements often missing from published reports.

Some of the confusion may come from an understandable desire to underreport expenses and overreport income to present a more favorable picture of the net cost of sports to various audiences. Much of the confusion, however, comes from thinking of intercollegiate sports as an integral part of the university's academic and service mission, with

Table 8. NCAA Division Membership of Universities in *TheCenter's* 2002 Top 1-25 or 26-50

NCAA Division	Number of Institutions	Average Undergraduate Enrollment
Division I-A	44 (52.38%)	21,830
Division I-AA	12 (14.29%)	9,823
Division I-AAA (no football)	5 (5.95%)	17,586
Division II	2 (2.38%)	18,442
Division III	13 (15.48%)	5,388
Stand Alone Health or Medical (No NCAA Membership)	8 (9.52%)	361
Total Number Institutions	84 (100%)	

Table 9. Intercollegiate Sports Accounts
Income less Expenses = Net University Investment in Sports Franchise

Income	
	Ticket sales
	Premium seat sales
	Luxury box or skybox sales
	Additional payments from athletic donors or boosters
	Concession sales and other game-day income
*	Revenue from leasing facilities to other users
	Annual giving
	Endowment income
*	Interest on retained athletic balances
*	Dedicated student fees
	Licensing fees
	Commercial payments for advertising
	Television and other media revenue received directly
	Television and other media revenue received from conference payouts
	NCAA payments
*	Other payments received directly for athletic appearances
	Apparel contracts and all other payments to ccoaches
*	Income from summer camps and other athletically related programs

Expenses	
(Direct Expenses of operating individual sports programs)	
*	Cost of weight rooms, training rooms, medical facilities, and other athlete welfare
	Travel costs for direct participants in all athletically related activities
	Salaries of coaching staff
	Salaries of office staff
*	Salaries of fund-raising staff related to athletics
*	Fringe benefits for all salaries paid on behalf of athletic employees
*	Extra compensation for coaches and other athletically related employees, (however paid)
*	Summer camps and other athletically related programs
*	Sports information and other university publicity related to sports
*	Legal services related to athletic issues
*	Accounting services for athletically related programs
*	Information technology services for athletically related activities
*	Insurance services for athletically related activities
*	Operations and maintenance of all sports facilities
*	Operations and maintenance of all sports-related office facilities
*	Operations of all parking, landscaping, and other space related to sports facilities
*	Debt service on all athletic facilities
*	Debt service on all office and other athletically related facilities
*	Depreciation expense on all athletically related facilities
	Scholarship costs for student-athletes
	Housing costs for student-athletes
*	Academic support services provided specifically to student-athletes
*	Special expenses bowl games, VIP support, and donor support
*	Allocated cost of administration, faculty, and other employees for sports-related activities
*	Payments to university activities unrelated to athletics (library and other campus subventions)

* The items marked often do not appear in the published totals delivered to the federal government or provided to other audiences. In some instances, part of the item indicated may appear.

Fan, trustee, and alumni enthusiasm for high-level competition encourages universities to underestimate the subsidy required.

consolidated and shared expenses accounted for in traditional university ways. For most universities their NCAA sports business is really an auxiliary operation, like residence halls or parking garages, even when the institution does not fully allocate all the costs and revenues attributable to it.

An unusual example of a complete accounting model exists at the University of Florida, which has its athletic enterprise operating as an independent not-for-profit corporation controlled by the university but completely independent financially. Every payment, subvention, and almost all university-related costs must be charged to athletics by the university and paid by athletics to the university. The result is a much clearer picture of the true balance between income and expenses. Such a model has the additional benefit of encouraging the athletic operation to be self-supporting because any payments from the university to athletics appear in both entities' public records, and any subsidy becomes a matter of instant public debate on and off campus.

The key item for us in this discussion is the net number that represents the investment of the university's discretionary dollars in sports. Some relatively expensive programs may also generate sufficient revenue to reduce their net deficit to zero or less than a million dollars a year. Some relatively inexpensive programs may generate so few external dollars in support of athletics that the net subsidy required from the university's general fund could rise into the range of \$10 million.

Universities seeking to enhance their NCAA divisional level, in most cases by attempting to move from Division I-AA to Division I-A, must plan to subsidize this expansion until the newly achieved level provides sufficient revenue to cover the extra cost. In most cases, the institution's expectations prove overly optimistic and the subsidy extends indefinitely, although in a few instances the university may see the subsidy requirement decline over time. The tremendous enthusiasm of fans, trustees, alumni, and friends of the university for high-level athletic competition often encourages universities to underestimate the amount of subsidy required to compete at the level they choose, primarily because the variations in reporting standards for intercolle-

giate athletic expenditures and income make accurate assessments of expenses and income elusive. The poor data inhibit an accurate calculation of the relative value of an investment in enhancing athletic competitiveness compared to the value of an investment in enhancing academic performance.

Nonetheless, to take a very recent example, Florida A&M University has reported plans for a \$55 million investment in facilities (some of which may involve academic space) that will expand its stadium to 40,000 from its current 22,500. In addition, by 2004, the NCAA has indicated it will require Division I-A institutions to spend \$4 million on or offer a minimum of 200 athletic scholarships. The Division I-AA scholarship requirement is about \$775,000. In addition, in 2004, each Division I-A institution must average 15,000 per game in actual attendance (this eliminates a technical loophole in previous rules that allowed institutions to count other people as attendees and use average attendance figures for a conference, even if the individual institution did not meet the attendance rules). Division I-AA has no attendance requirement. In many cases, public universities plan on legislatively approved subsidies to support the costs of athletic expansion, and often legislatures oblige. In the Florida A&M initiative mentioned previously, the press reports indicate a request for \$30 million of state financing for the stadium expansion. In all these cases, it is difficult to know whether legislative enthusiasm would be as strong for academic facility expansion as it has proven to be in many instances for investment of public funds in athletic facilities.

Conferences, Stadiums, and the BCS – We often discuss an institutional investment in athletics as if the university independently controlled sports revenue and expenses. The finances of most intercollegiate athletic programs and especially those in Division I-A, however, depend greatly on their participating in conferences, size of the stadiums of each of the members of the conference, NCAA requirements, participation in the NCAA basketball tournament, and the conference's relationship to the Bowl Championship Series, or BCS.

The NCAA sets the standards that determine many of the investments required for a given divisional status, but the NCAA does not control large parts of the revenue generated or expenses assumed by the institutions in pursuit of winning programs. The NCAA manages much of the revenue associated with basketball, especially the money from the national basketball championship

tournament, but football revenue in Division I-A belongs to the institutions and their conferences. The NCAA originally tried to control the appearances of university football games on television, which would have also allowed the association to control the revenue from television, but two institutions (Oklahoma and Georgia) sued in federal court and established the right of individual institutions to manage football appearances on television.

Conferences – The conferences, which came into existence primarily to group similar institutions within geographic regions to manage the logistics of organizing competitive schedules and sustaining rivalries that enhance audience appeal, emerged as the key managers of football revenue on behalf of their members. Football is central to the conference’s concerns because it is football that commands large amounts of revenue from stadium gate receipts and

Table 10. Major College Football Stadiums Prior to 1930

School	Year Built	Capacity in 1920s*	Stadium Name	Notes and Sources
U Penn.	1895	78,205	Franklin Field	Once the nation's premier football facility, hosting the Army-Navy game for multiple years beginning in 1899. [http://pennathletics.ocsn.com/sports/m-footbl/spec-rel/franklinfield1.html]
Harvard	1903	57,166	Harvard	Harvard is the nation's oldest stadium according to Harvard's athletic department. True capacity of stadium is slightly more than 30,000. But construction of steel stands increased capacity to 57,166 until their removal in 1951. [http://gocrimson.ocsn.com/facilities/stadium.html]
Yale	1914	80,000	The Yale Bowl	Despite later being the home of the NFL's New York Giants in 1973-1974, the Giants never matched the 80,000 attendance for the Yale vs. Army game on November 3, 1923. [http://www.sfo.com/~csuppes/NCAA/Ivy/index.htm?Yale/index.htm]
Ohio State	1922	71,835	Ohio Stadium	Built at a cost of \$1.34 million. Capacity has increased over the years to more than 100,000. [http://www.sfo.com/~csuppes/NCAA/Big10/OhioState/index.htm]
Illinois	1923	50,000+	Memorial Stadium	Financed by \$1.7 million in donations from more than 200,000 students, alumni, and others. Capacity has increased to more than 70,904. [http://fightingillini.ocsn.com/trads/ill-trads-memorial.htm]
Minnesota	1924	60,000	Memorial Stadium	The second game against Michigan in 1926 drew 60,000 fans, even though various sources list capacity as being in the low 50 thousands. [http://www.msfc.com/ann_before_memorial_stadium.cfm http://www.sfo.com/~csuppes/NCAA/Big10/Minnesota/index.htm]
Pittsburgh	1925	50,000+	Pitt Stadium	Stadium cost \$2.1 million to build. Capacity increased as high as 56,150 before stadium's demolition in 1999. [http://www.sfo.com/~csuppes/NCAA/BigEast/Pittsburgh/index.htm]
Northwestern	1926	45,000	Dyche Stadium	Built at a cost of \$1.425 million. [http://www.sfo.com/~csuppes/NCAA/Big10/Northwestern/index.htm]
Michigan	1927	84,401	Michigan Stadium	Stadium was financed with an issue of 3,000 bonds at a par value of \$500 at 3-percent interest. These bonds guaranteed the right to purchase a ticket between the 30-yard lines for 10 years. Capacity has increased over the years to more than 100,000. [http://www.umich.edu/~bhl/stadium/stadtext/bonds.htm]

* In some cases, these totals represent the largest over-capacity crowds in the 1920s.

television, plus the associated revenue from sales of merchandise, endorsements, and similar income derived from large audiences either physically present or tuned in on television and radio.

The strongest conferences organized groups of institutions with successful sports programs operating at similar levels in most or all sports. The conference goal is to have all members play the same sports so that scheduling and rivalries develop in a consistent and revenue-producing way. The key conference competitions are in

football and, to a lesser extent, men's basketball. A successful, well-managed conference with highly competitive programs offers significant financial benefits to the universities that belong to it. The most successful conferences today, such as the SEC, the Big Ten, or the Pac-10, buffer the volatility of sports performance and its associated revenue. The systems for revenue sharing among the institutions within a conference vary by conference. Conferences share revenue from the television packages negotiated on behalf of the conference, the regular season television package for conference games, the income from conference championship games, and post-season bowl appearances. Conferences negotiate much better terms for television packages and bowl appearances than most individual teams can achieve on their own.

In football and basketball (the "money sports"), as well as in other competitions, success runs in cycles. No university's sports program is always successful at the top level in both football and basketball. Sometimes a program will have a run of a decade or more, but eventually every top program falls out of the top competition. This can happen because of the departure of star coaches or players, scandals and corruption that produce sanctions inhibiting the successful recruitment of talented athletes, or the accidental impact of injuries or mistakes.

When a university conference member has a number of poor performing years in football or men's basketball, the shared revenue from the successful performance of the other conference members sustains the poor performer's income stream and allows it to continue to pay debt service on its facilities, rebuild its programs, and after a few years return to top performance. A modest sports program,

embedded in a high-powered conference, will receive revenue year after year that reflects the earnings of its more powerful members. Often a modest program over time can build its program to much higher levels of performance, thanks to the revenue shared from the other members.

Over the years, the conferences reorganized and realigned their memberships. New conferences emerged and others disappeared to meet the competitive needs of the college sports marketplace, but enhancing revenue remains the purpose of all conference activities. While most conferences perform a variety of other services for their members, the key value of the conference is its ability to generate revenue on behalf of its members. As an example, the SEC, followed by other conferences, expanded to 12 members in 1992 so that it could play football and basketball in two divisions and then have conference championships (tournament in basketball, game in football). The addition of conference championships generated an extra game in football and several extra games in basketball beyond the regular season, providing an additional opportunity for television broadcasts and enhancing the value of each member's franchise through the additional revenue distributed from the extra games.

Stadiums – Although it may appear that high-powered football is predominantly a public university enterprise, the elements that define football at the top have remained constant since its inception in the early decades of the 20th century. Penn, Harvard, Yale, along with Michigan and Ohio State, for example, stood at the pinnacle of football success in the 1920s by virtue of the large crowds they drew to their games, the size of their stadiums, and the commercial scale of their athletic success. (See Table 10 on page 25 for some of the largest college stadiums before 1930.)

Audience is the key, for it is the audience, delivered in person or eventually via television and radio and the print media, that sustains a top competitive football program. The sale of football to non-students has been the foundation of intercollegiate sports since their inception, and the rise of large public universities after World War II made them not only formidable competitors for research, student, and teaching talent but also successful competitors for athletic talent and visibility.

Today, stadiums represent a small portion of the college football audience that a major university program can attract through national television and radio exposure. Nonetheless, the ability of a univer-

The ability to build and fill a stadium of 75,000 to 100,000 is a clear indicator of financial strength.

sity to build and fill a stadium of 75,000 to 100,000 is a clear indicator of financial strength. (See Table 11 for a list of the ten largest college football stadiums as of 2002.) Attendance at home games that fills stadiums of this size produces a sizeable revenue stream essential for recovering the capital cost of these expensive facilities. A university that musters only 35,000 to 40,000 fans for big games, and perhaps averages 15,000 to 25,000 for all home games, has a much different financial base than a university that fills an 85,000-seat stadium for every single home game, rain or shine, good opponent or not. Stadiums partially filled represent a financial loss, even if subsidized in various ways by municipalities, state government subventions, or university debt service. Partially filled stadiums also usually indicate a team that rarely wins, a team that fails to appear on television unless a top-ranked team is visiting from elsewhere, a team whose fans will not pay premiums for good seats, and a team whose contribution to its conference's shared revenue will be minimal.

Those football programs that fill the 85,000-plus-seat stadium for the six home games a year almost always have seat premiums, extra payments to the athletic program that earn the purchaser points toward the much-sought-after better seats that also cost more money. These stadiums have skyboxes or luxury suites and higher-quality chair-back seating sold at premiums over the regular seat price, and they earn substantial revenue from the concessions sold to the 85,000 fans. In a clear case of the successful building on their success, these sold-out stadiums also attract the most money for advertisements on their walls, fields, and scoreboards, and television

producers much prefer to broadcast a game in a large, sold-out arena than one in a smaller half-empty stadium. In short, a university athletic program that cannot fill its football stadium is likely to be at a serious financial disadvantage compared to those programs filling 85,000 seats. Unless it is in a very rich conference, a Division I-A football program that fails to fill its seats and fails to win many games is sure to lose a great deal of money, however it expresses its official accounting.

Within this context, as mentioned previously, the size of the student population not only bears some relationship to the size of the institution's football stadium but also creates an independent and reliable revenue stream of its own. Many public universities have dedicated student athletic fees that assign a fixed amount per credit hour to support the sports franchise. This number can range from \$2 to \$10 or perhaps a bit more. If we take \$5 per semester credit hour as a modest intercollegiate athletic fee, and apply it to the 30 hours a full-time equivalent student needs to take each year to graduate in four years, the annual revenue per student is \$150 per year. For a small public university of 20,000 students this generates \$3 million a year to athletics. For a large public university of 40,000 students, the yield on a fee of this amount to athletics is \$6 million. As a result of student size, the level field for Division I-A programs is not so level because the large institution has a guaranteed \$3 million more to invest in its sports activities than the smaller institution. Considerations such as these help explain the success of many large universities in sustaining Division I-A programs.

Table 11. Ten Largest Division I On-Campus College Football Stadiums, 2002 Season

School	Year First Built	2002 Capacity	Stadium Name
Michigan	1927	107,501	Michigan Stadium
Penn State	1960	107,282	Beaver Stadium
Tennessee	1921	104,079	Neyland Stadium
Ohio State	1921	101,568	Ohio Stadium
LSU	1924	91,600	Tiger Stadium
Georgia	1929	86,520	Sanford Stadium
Auburn	1939	86,063	Jordan-Hare Stadium
Stanford	1921	85,500	Stanford Stadium
Alabama	1929	83,818	Bryant-Denny Stadium
Florida	1929	83,000	Florida Field

Sources: <http://www.infoplease.com/busbp.html>

The BCS is a major financial success, driving revenue into the participating conferences.

BCS – The emergence of the BCS (Bowl Championship Series) represents another conference initiative. The traditional bowl games originally matched the champions from two conferences in an end-of-the-season game during the winter break of late December and early January. The Rose Bowl, which pitted the winner of the Big Ten against the winner of the Pac-10, is a classic example. Bowls allowed large municipal stadiums to create Christmas-to-New Year's football extravaganzas, the television industry promoted these games as excellent entertainment values during the holiday season, and the universities earned extra revenue and an additional opportunity for high visibility. However, the bowl system had a significant defect as college football continued to grow into a national television product.

The traditional bowls identified only bowl champions, not national champions. In the incessant drive to identify the number one football team in any given year, the most aggressive football conferences (led by the SEC) and the bowl promoters themselves, with the support and encouragement of the television networks, reorganized the end-of-season bowls into a pseudo national championship competition. They identified the top bowl games and the most competitive conferences that traditionally played in those bowl games, and then they formed a coalition in 1992. The coalition lasted for three years and was replaced for the 1995 championship by a similarly constructed alliance. The current arrangement, known as the Bowl Championship Series, appeared in 1998 and established a process for determining the best football teams at the end of the regular season through a complex, controversial, and ever-changing system of weighted rankings derived from polls and mathematical formulas related to win-loss records. (See Appendix 2 *History of the Bowl Championship Series (BCS)*, for a summary of the various iterations of this series and its ranking system.) At the end of the season, the two top-ranked teams play in one of the coalition bowls. The venue for the top bowl game rotates among the various stadiums participating in the coalition according to a fixed schedule so that each bowl in the coalition has the top game at predictable intervals.

Since its inception, the participants have modified the BCS several times, most importantly to include the Pac-10 and the Big Ten along with their traditional bowl venue at the Rose Bowl. The methodology of the rankings has changed frequently as well, and the selection of participants in the coalition bowls that do not have the championship game has varied over the years in relation to the BCS rankings that determine the two top teams. The BCS coalition sells the rights to televise these games as a package to eager network buyers for large sums.

This innovation is a major financial success, driving revenue into the hands of the participating conferences and teams. Payouts for participation in the top BCS bowl reached the level of more than \$13 million per team in recent years. The cost of participation in such a bowl for an individual team is high – perhaps \$2 million for airplane charters, housing for the week or so before the game, events on behalf of alumni and boosters, and VIP support for significant political and institutional actors – but the added revenue from a major bowl easily supports these expenses. With the exception of Notre Dame, which has frequently competed in the bowl coalition as an independent and need not share any of the revenue, the other participating teams generally share bowl revenue with their conferences. In the case of premier conferences that may have more than one team in a BCS bowl, the amount of revenue shared within the conference naturally increases, although a rule limits the second team's payout to \$4.5 million under this special circumstance, with the rest distributed to the other BCS participant conferences.

Currently, the following conferences form part of the BCS, and their champion receives an automatic bid to one of the bowls in the coalition:

- Pac-10,
- Big 12,
- Big Ten,
- Southeastern Conference,
- Atlantic Coast Conference, and the
- Big East.

In addition, Notre Dame, if it wins nine games (regardless of its ranking), and two at-large teams following certain ranking criteria also receive bids to coalition bowls. As an indicator of the importance of these conference arrangements, the Division I-A franchises not included automatically in the BCS have encouraged their institutions to sue for admission into the competition on the grounds of an anti-

trust violation. Indeed, in the history of the BCS, no member of a non-BCS conference except Notre Dame has played in a BCS bowl. Nothing more clearly establishes the fundamental economic risks assumed by universities when they launch a Division I-A sports franchise than this brutal economic warfare currently (2003) being waged among higher-education institutions on behalf of the economic viability of their football operations.

Non-BCS bowl games, which still exist in significant numbers, bring lesser performing teams together for end-of-season games that often draw good crowds, some television coverage, and a sense of closure. On many occasions, however, they do not generate significant net revenue to the participating institutions and, in some cases, the institutions lose money on these bowl games. If it costs \$1 million to participate in a bowl game that requires extensive travel (to Hawaii or to an opposite coast), and if the payout on the bowl is only \$800,000, then the university participates at a loss. The university may also need to share its bowl revenue with its conference, but these smaller bowl games may not generate much profit to share. NCAA universities can participate only in NCAA-sanctioned bowl games. The parent ensures that the bowl game is legitimate, conforms to all NCAA rules pertaining to student-athletes, insists on a variety of minimum financial guarantees, and otherwise attempts to protect its members from unscrupulous bowl promoters. The NCAA also sanctions the BCS system. Periodically, the NCAA increases the requirements for bowl games in an effort to ensure that its members will not lose money because of their participation in such events.

These football arrangements display the financial value of the conferences' commercial enterprises in perhaps the most visible ways, and explain the intensity of the controversies around the membership and operation of the BCS. Universities work very hard to capture a place within one of the high-revenue conferences, and those that fail to do so complain bitterly about the commercialism of college sports (as they negotiate to gain entry into the highest level of commercial college sports operations in a better conference).

The various financial arrangements that support top-level Division I-A football and often help support the entire sports program at an institution create a formidable entry barrier. Other universities, either operating at lower levels of Division I-A or with football programs at the Division I-AA level, find it prohibitively expensive to try to match the resources earned and invested by the top programs. This helps

explain the intense interest of many lower-level programs in revenue redistribution plans and legal actions that might reduce the financial entry barrier that separates their football programs from those at the BCS level of operation.

Given the complexity of the arrangements for funding university-based intercollegiate athletics (football and basketball at the top level), clear descriptions of the flow of dollars prove challenging. Nonetheless, it may help to capture some of the orders of magnitude here. From press

reports it appears that the BCS bowls generate about \$165 million, of which about 90% stays with the teams and conferences that participate. The rest is distributed by a formula to other, non-BCS institutions and conferences. While the NCAA basketball tournament generates considerably more, perhaps \$271 million in 2001 with even more anticipated in future years, the association distributes the dollars to many more participants than receive payments from the BCS. Our best guess is that football generates about twice as much from the BCS to its participants as the NCAA basketball tournament generates for the many recipients from that activity. This kind of estimate, however, is greatly dependent on the individual circumstances of each institution, its performance in past basketball tournaments, membership in a particular conference, participation in the bowl games in football, and the rules of its conference about the distribution of revenue.

Opportunity Cost of University Sports Programs

Given what we understand to be the different economic models for public and private research universities, this discussion offers an opportunity to better understand the mechanisms that encourage many, but by no means all, research universities to invest heavily in sports franchises. For a public university, the exceptionally high visibility accorded intercollegiate sports performance at the top levels in football and men's basketball likely has value for the institution, although this value needs to be evaluated in light of the cost of the commitment – a question we consider in detail below. This commitment can mobilize public support, create brand identity in a crowded marketplace, and emphasize the popularity

Universities try to enter or remain in high-revenue conferences at the same time they complain about the commercialism of college sports.

of institutions whose research products are invisible to many important public constituencies critical for political and financial support. Public universities frequently find themselves subject to intense pressure from constituencies who believe the university has an obligation to deliver a high-profile sports program as part of its service to the communities that provide state revenue.

Given the perceived importance of high-profile sports among the quality brand-name public institutions, many observers see these activities as markers for the academic characteristics of excellence otherwise invisible to the public eye.

Universities such as

Michigan and the other members of the Big Ten, the high-quality members of the ACC, the football campuses of Berkeley, UCLA, and the University of Washington – all these and other significant institutions that manage top-level NCAA programs validate this popular presumption, even if no causal relationship between sports and academic quality exists.

The private research universities do not show the same relationship between research productivity, student size, and sports investment. Nonetheless, the presence of distinguished private research institutions within the top sports group – a Stanford or USC or Duke, for example – along with other private institutions' high investment in programs of somewhat lesser athletic prowess all combine to validate the popular sense that first-rank academic colleges and universities and expensive, highly visible sports activities are at least compatible. That a significant number of universities with quite modest research productivity also support top-level sports programs does not weaken this popular assumption. The core notion is that first-rate sports and first-rate academic institutions can and do coexist, and the cognitive leap that sees this combination as mutually reinforcing is easy for many people to make.

As is often the case in these broad generalizations, the relationships between sports investments and research productivity are probably more complex than the available data can reveal. Individual circumstances and the history of individual institutions have much more to do with the coexistence of sports performance and research performance than simple comparisons reveal.

For example, there is a world of difference between the circumstances of a large public university whose sports operation costs \$50 or \$60 million to operate and generates \$50 to \$60 million in revenue and a similarly large public university whose sports activities cost \$30 million to operate and generate \$22 million. Both may inhabit the top I-A football division, although the first institution probably holds membership in a high-revenue BCS conference and the second does not.

Recognizing the deficiencies in the data and understanding that some portion of the reported revenue of the first institutional example may reflect a subvention through dedicated student fees or direct payments from university general revenue, the first program probably comes close to breaking even financially. As a result, it does not represent a substantial direct charge to the university's general operating fund. For such a university, a major sports franchise at this level likely includes a stadium with 100,000+ seats, elaborate practice facilities, a basketball field house, first-rate physical venues for the non-revenue sports, high-profile coaches, constant media visibility, and the other attributes of such an enterprise. This program is essentially a self-supporting auxiliary.

This university's argument that major intercollegiate athletics is a positive good, a fine thing, and an asset to the institution is relatively persuasive. Most negative effects from such a program involve value issues. The sports teams may need to admit student-athletes with low academic standards (although such admits will represent a very small percentage of the large public university's student population). Many faculty members and other observers will resent the distortion of values inherent in the size and scale of this high-visibility, non-academic, extracurricular activity. Some will reflect on the cost to the university's high academic reputation of the scandals that almost inevitably inflict such programs even at first-rank academic research universities such as Michigan or Minnesota.

Universities like those in our second example support sports programs that operate at a net financial loss and require a constant and significant subsidy from the university's general fund. For a university in these circumstances, the question of the value of intercollegiate sports becomes more difficult to resolve. Our second example is a university with a Division I-A program operating in the second tier, outside the BCS revenue-generating conferences. Such an institution likely will need a subsidy of at least \$8 million from its general funds to sustain its athletic competition. The consequence of this investment for the university, even

Intense pressure comes from constituencies who believe public universities have an obligation to deliver a high-profile sports program.

if it has a strong research presence and demonstrates competitive performance in the research marketplace, is significant.

Every dollar from the university's general fund spent to sustain its sports program is a dollar unavailable for investment in student quality, faculty quality, or research competitiveness. To put the opportunity cost into perspective, it would take an increase in the athletic endowment of approximately \$160 million to replace the university's yearly subsidy of \$8 million from general revenue for its sports teams. Few universities can hope to generate private giving at this level for athletics, and, to sustain the viability of its sports program, the institution will continue to divert general funds from teaching, research, and other academic and service functions.

The almost-desperate plight of the Division I-A second-tier institution appears repeatedly in the popular press where representatives from these universities bemoan the commercialism of the top tier of football powers at the same time they lobby or litigate to gain access to the benefits of the commercial revenue from competition at this level. The conflict and the confusion of values this represents seriously inhibit a clear calculation of the opportunity cost of choosing to participate at this level and encourage the cynicism with which many observers regard intercollegiate sports.

Although much visibility attends the struggles of second-tier programs to compete with the first tier within the football world of Division I-A, the same opportunity costs apply to research universities much lower on the athletic food chain. Division I schools in the Ivy League that do not support scholarship football teams, and many other institutions below the top football scholarship conferences, find themselves spending substantial amounts of general revenue on intercollegiate sports – in many cases much more general revenue than top BCS football programs in Division I-A. This characteristic often disappears in the high-visibility conversation about the cost of top-level football. The critical number for evaluating the cost of intercollegiate sports, we must emphasize, is not the total cost but the net cost after a full accounting of both income and expenses.

Institutions with lower-cost programs also may have lower-revenue opportunities. They have fewer fans, fewer seats to sell, fewer purchasers of their logo merchandise, no television revenue, and small athletic endowments. At the same time, they often support more sports, even if at lower levels of expense, and often sustain high-profile men's basket-

ball programs to generate some revenue. Whatever their economic strategy, these programs will consume \$7 to \$10 million of general funds, representing an opportunity cost equivalent to an endowment of \$140 to \$200 million. Few institutions have a clear strategy that explains why an investment in an extracurricular sports activity at this order of magnitude is the highest and best use of institutional resources.

Cost of Program vs. Endowment Equivalent –

Another way to look at these data is to consider the relationship between the cost of a sports program and various proxies for the university's disposable revenue. The significance of the opportunity cost involved depends greatly on the amount of the institution's budget from which it pays the sports' net subsidy required by accounting fully for expenses and income. The following two hypothetical cases illustrate this point.

- In a major public university with a budget of about \$1 billion, a Division I-A sports program with revenue of \$58 million and expenses of \$60 million and a net subsidy requirement from the university of \$2 million represents an opportunity cost of only 0.02% of the total institutional budget.
- In a public research university with a \$700 million budget, a Division I-AA sports program with revenue of \$10 million and expenses of \$18 million and a net subsidy requirement from the university of \$8 million represents an opportunity cost that reaches 1.14% of the institutional budget – almost 6 times as great as the first example.

It is no wonder that so many colleges in the lower-level competitive divisions seek to upgrade to the next higher level, especially in the public sector where the interest and value of sports visibility may be particularly great. If the institution is already paying an opportunity cost of 1.14% of its budget, its leadership may imagine that upgrading to a Division I-A football program could bring sufficient

Every dollar a university chooses to spend from its general fund on sports is a dollar it cannot spend on student quality, faculty quality, or research competitiveness.

additional revenue to reduce the subsidy or, even if the subsidy stays the same, provide much more value.

Another way to look at this is to use the estimated adjusted endowment equivalent table presented in last year's *The Top American Research Universities* as a rough proxy for institutional resources available for investment. The endowment equivalent represents the amount of endowment required to produce the university's total revenue from all sources. The adjusted endowment equivalent discounts the endowment equivalent for the amount required to pay for the basic cost of student instruction that, of course, varies greatly by the size of an institution's student body. The adjusted endowment equivalent number serves as a rough proxy for the university's discretionary income that, after paying for instruction, remains available for investment in programs and activities to enhance quality in teaching and research.

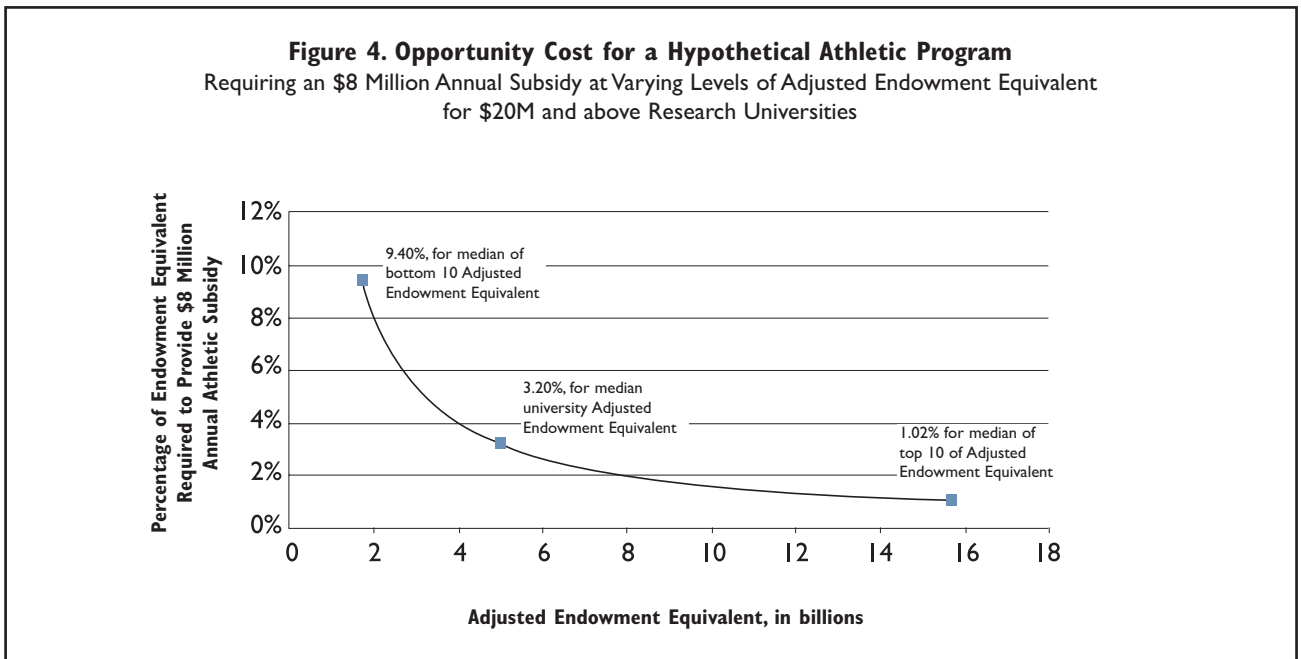
For the purposes of this illustration, let us take \$8 million as an estimated median net cost of an athletic program at any level of Division I. We then convert this annual cost into its endowment equivalent of \$160 million by calculating the amount of endowment needed to produce \$8 million annually, assuming a 4.5% payout. The relative opportunity cost of a median athletic program then becomes the percentage of the available adjusted endowment equivalent required to support the program.

If we calculate this opportunity cost at a top, middle, and bottom level of adjusted endowment equivalent from our data, we get the following results (displayed in Figure 4).

- The median of the top 10 universities' adjusted endowment equivalents in 1999 is about \$15.7 billion. In this group, the opportunity cost of an \$8 million annual subsidy for athletics (calculated as a \$160 million endowment equivalent) is low, representing an investment of 1.02% of the income from the university's adjusted endowment equivalent.
- For the median university in this group of research institutions, with an adjusted endowment equivalent of about \$5 billion, an athletic program that requires an endowment equivalent of \$160 million (to generate the \$8-million-a-year subsidy) represents a 3.2% opportunity cost to the income from the adjusted endowment equivalent.
- Among the bottom 10 within our group of research universities, the median adjusted endowment equivalent is about \$1.7 billion and the athletic program with a subsidy requirement of the income from an endowment equivalent of \$160 million (\$8 million a year) represents a high-opportunity cost of 9.4%.

Clearly, understanding the financial impact of intercollegiate sports requires two calculations and a final evaluation of alternatives:

- The first calculation is an accurate accounting of the full net cost of the program to the institution (including capital and other forms of university overhead), and



- The second calculation establishes the relationship of this net cost to the university's total discretionary resources.

Depending on the circumstances of the institution, the right index for this second calculation might be something other than the adjusted endowment equivalent. For example, a public university might index the opportunity cost to a percentage of the state appropriation received, and a private university might index it to a percentage of the student fee income received.

The final evaluation is more complicated and perhaps subjective and requires balancing the immediate high-visibility reward of intercollegiate athletics against the longer-term success in the competition for high-quality students and faculty and the performance of high-quality teaching and research. This evaluation requires universities to make clear and well-informed choices about the best and highest use of their discretionary dollars.

* * *

Universities that succeed in the competition for research faculty and superior students invest a large

portion of their financial base in attracting and retaining these superior faculty and students, and then invest even more in the acquisition of research grants, contracts, special student

programs, and other quality-enhancing elements. We believe that the data presented in our previous reports demonstrate that the amount of discretionary university dollars invested in faculty, student, and research competition is the critical element in successful competition for quality.

It is likely, then, that university activities like intercollegiate athletics, which consume discretionary dollars without enhancing the university's academic competitive success, will inhibit the acquisition of quality.

By consuming discretionary dollars without enhancing academics, activities like intercollegiate athletics inhibit the acquisition of academic quality.

Appendix 1: Some Readings on Intercollegiate Sports in America

Background

As should be clear by now, the institutional commitment to intercollegiate athletics in America is a phenomenon that is at least a century old. From early 20th-century stadiums with stadium capacities many times larger than the student body to the extensive recruiting of student-athletes after World War I, the American university has long emphasized and subsidized intercollegiate athletics, especially football. An essential early primer on the American university's relationship with intercollegiate athletics is in Howard J. Savage et. al., *American College Athletics* (New York: Carnegie Foundation for the Advancement of Teaching, 1929), a comprehensive study with chapters on such topics as "The Coach in College Athletics," "The Recruiting and Subsidizing of Athletes," "The Press and College Athletics," and "Values in American College Athletics." This work, combined with two recent studies sponsored by the Mellon Foundation – James Shulman and William Bowen, *The Game of Life: College Sports and Educational Values* (Princeton: Princeton University Press, 2001) and William C. Bowen and Sarah A. Levin, *Reclaiming the Game: College Sports and Educational Values* (Princeton: Princeton University Press, 2003) – offer an exceptional view of the development and challenges of college sports. The Shulman and Bowen books, moreover, represent one of the strongest and most significant critiques of the impact of intercollegiate sports on values and behavior, especially among America's elite colleges and universities. See also Craig Lambert, "The Professionalization of Ivy League Sports," *Harvard Magazine* (100:1997, 35-49). A general survey of college sports is in Donald Chu, *The Character of American Higher Education and Intercollegiate Sport* (Albany, NY: State University of New York Press, 1989). The definitive reference on legal issues is Glenn M. Wong, *Essentials of Sports Law* (3rd ed., Westport, CN: Praeger, 2002). Of particular interest to many observers has been the rise of women's sports, a trend greatly enhanced by the federal legislation known as Title IX after the section of the Higher Education Act of 1972. For a comprehensive history of women in sports see Allen Guttmann, *Women's Sports: A History* (New York: Columbia University Press, 1991) and a now somewhat-dated bibliography in Mary L. Remley *Women in Sport: an Annotated Bibliography and Resource Guide*, 1900-1990. Boston: G.K. Hall, 1991.

The Critiques

College sports critiques abound. Commissions often appear to address controversial issues such as the Knight Commission, which published a variety of reports calling for reform: *Keeping Faith with the Student Athlete: A New Model for Intercollegiate Athletics, 1991*; *A Solid Start: A Report on Reform in Intercollegiate Athletics, 1992*; *A New Beginning for a New Century: Intercollegiate Athletics in the United States, 1993*; *A Call to Action: Reconnecting College Sports and Higher Education, June 2001* (Miami: John S. and James L. Knight Foundation, 1991-2001). These reports received much attention in the press, and various NCAA reform activity appeared to respond to the recommendations.

T. Derek Bok's *Universities in the Marketplace: The Commercialization of Higher Education* (Princeton: Princeton University Press, 2003) includes a critique of the negative impact of athletics on the university within the context of the general commercialization of universities. Andrew Zimbalist's *Unpaid Professionals: Commercialism and Conflict in Big-Time College Sports* (Princeton: Princeton University Press, 1999) focuses on the financial compromises and decreased academic standards universities accept in order to support a major athletic program. Other critical perspectives from different points of view appear in Wilford S. Bailey, who called for reform a decade ago in *Athletics and Academe: An Anatomy of Abuses and a Prescription for Reform* (New York: American Council on Education, Macmillan, 1991). Almost 10 years later, a former university president echoed many of these themes in his explanation of college athletics in James J. Duderstadt, *Intercollegiate Athletics and the American University: A University President's Perspective* (Ann Arbor: University of Michigan, 2000), and a sitting president's explanation of a governance model to maintain functional integrity is in John V. Lombardi, "Sports Medicine," *The Journal of the Association of Governing Boards of Universities & Colleges* (1992, 34:1). A reminder of the pervasive nature of scandal in college sports is in Albert J. Figone, "Gambling and College Basketball: The Scandal of 1951," *Journal of Sport History*, (1989:1) 44-61, and in John R. Thelin, *Games Colleges Play: Scandal and Reform in Intercollegiate Athletics* (Baltimore: Johns Hopkins University Press, 1996).

Student Impact

A sociological study of student-athletes is in Peter Adler and Patricia A. Adler, "From Idealism to Pragmatic Detachment: The Academic Performance of College Athletes," *Sociology of Education* (1985, 58:241-250), and they have another article on the qualitative experiences of student athletes during and after college in Patricia A. Adler and Peter Adler "College Athletes and High-Profile Media Sports: The Consequences of Glory" in *Inside Sports*, Jay Coakley and Peter Donnelly, eds. (London and New York: Routledge, 1999). This latter ethnographic study followed athletes at one elite college basketball program from their playing days at the university through several years of their post-graduation experience. Another view of the impact on student-athletes is in Walter Byers and Charles H. Hammer's *Unsportsmanlike Conduct: Exploiting College Athletes* (Ann Arbor: University of Michigan Press, 1995), which contributes to a continuing conversation about the trade-off between the benefits and costs of participating in college athletics. This trade-off existed at the very beginning of the modern era in college sports, see Henry Beach Needham, "The College Athlete: How Commercialism is Making Him a Professional," *McClure's Magazine* (1905:2-3) 115-128, 260-273.

Some critics focus intensely on the negative impact of college athletics on non-student-athletes, the faculty, and the university at large. Murray Sperber connects the rise of high-profile college athletics to a declining quality of undergraduate education and the student experience in a variety of contexts including *Onward to Victory. The Crises that Shaped College Sports* (New York: Henry Holt, 1998) and *Beer and Circus: How Big-Time College Sports Is Crippling Undergraduate Education* (New York: Henry Holt, 2000). A critique of the culture of winning appears in the work of Alfie Kohn, whose *No Contest: The Case Against Competition* (Boston: Houghton Mifflin, 1986) cites a variety of studies suggesting that competition is inherently destructive to work, play, relationships, and creativity in people of all ages. Charles M. Young applied Kohn's theory to the players on the perennial losing Prairie View University football team in his article "Losing: An American Tradition," *The Best American Sports Writing* (Boston: Houghton Mifflin, 2001), pp. 319-333.

Football

As we would expect, football attracts many critics and observers. These include the classic study in David Riesman and Reuel Denney's "Football in America: A Study in Culture Diffusion," *American*

Quarterly, Vol. 3, No. 4. (Winter 1951), pp. 309-325. Riesman and Denney's essay, in addition to providing a primer on the origins of football in England and America, demonstrates that the financial competition to field winning football teams had already begun by the early 1950s. See also John Sayle Watterson, *College Football: History, Spectacle, Controversy* (Baltimore: Johns Hopkins University, 2002), and Mark F. Bernstein's study, *Football: The Ivy League Origins of an American Obsession* (Philadelphia: University of Pennsylvania Press, 2001). The unique example of a major football school that abolished the game is in Robin Lester, *Stagg's University: The Rise, Decline, and Fall of Big-Time Football at Chicago* (Urbana: University of Illinois Press, 1999). For a current view of the challenges of football in smaller institutions, see Welch Suggs, "Swarthmore Kicks Football out of the College," *The Chronicle of Higher Education* (December 15, 2000). This article notes that Swarthmore worried about the disproportionate impact of football on a small campus of some 1,500 students.

Of particular interest is the vision of football at the beginning of the century in Bill Reid, *Big-Time Football at Harvard, 1905: The Diary of Coach Bill Reid*, ed. Ronald A. Smith, (Urbana: University of Illinois Press, 1994), and the early review of football in Parke-Hill Davis, *Football, the American Intercollegiate Game* (New York: C. Scribner's Sons, 1911). See also: Scott A. McQuilkin and Ronald A. Smith's discussion of the controversial early days of football in "The Rise and Fall of the Flying Wedge: Football's Most Controversial Play," *Journal of Sport History* (1993: 57-64). A classic comment on football is in Frederick Jackson Turner's "To the Alumni on Football, 1906 Address to the University of Wisconsin Alumni," republished in *The Chronicle of Higher Education* (July 9, 1986).

The NCAA

The NCAA publishes its own studies on the fiscal health of college athletic programs. See Daniel L. Fulks, *Revenues and Expenses of Divisions I and II Intercollegiate Athletics Programs: Financial Trends and Relationships – 2001* (Indianapolis: NCAA, 2002), and Daniel L. Fulks, *Revenues and Expenses of Division III Intercollegiate Athletics Programs: Financial Trends and Relationships - 1999* (Indianapolis: NCAA, 2000). These studies, as well as those from some prior years, are available online at <http://www.ncaa.org/library>. This information provides some rough indications of the relative size of athletic expenditures and income but, given the diffi-

culties with the data described elsewhere in this report, the usefulness of the data is limited.

Kay Hawes of the *NCAA News* wrote several articles in 1999 as part of “The NCAA Century Series” that serve as an excellent primer on the official history of the NCAA (see the archive at the association’s Web site <http://www.ncaa.org/news>). The articles address four chronological periods (1900-1939, 1940-1979, 1980-1989, and 1990-1999) and contain articles on topics such as President Teddy Roosevelt’s role in the reform of football and college athletics, antitrust legal challenges faced by the association, and athlete exploitation. The alleged history of NCAA athlete exploitation, and its evolution toward athletic professionalism, is the subject of Allen L. Sack and Ellen J. Staurowsky’s, *College Athletes for Hire: The Evolution and Legacy of the NCAA’s Amateur Myth* (Westport, Conn.: Praeger, 1998). Of particular note, Arthur A. Fleisher III, Brian L. Goff, and Robert D. Tollison’s *The National Collegiate Athletic Association: A Study in Cartel Behavior* (Chicago: The University of Chicago Press, 1992) provides an effective description of the NCAA as a classic economic cartel and traces the development of the cartel from its origins as a rule-making body in the early 20th century to its full development as a cartel organization by the end of the century. A modern critique of the NCAA’s management of football is in Paul R. Lawrence’s *Unsportsmanlike Conduct: The National Collegiate Athletic Association and the Business of College Football* (New York: Praeger, 1987).

The *NCAA News* also covered two reforms that are crucial in explaining the NCAA’s current structure – the association split into Divisions I, II, and III, and the highly controversial Division I split into I-A and I-AA in 1978. For more information, see “Special Convention Approves NCAA Reorganization,” *NCAA News*, August 15, 1973, p.1 and “Delegates Realign Division I Football,” *NCAA News*, February 15, 1978, p. 1 (available on-line at <http://www.ncaa.org/news>). The *NCAA News* also publishes short summaries of rules violations and sanctions applied to institutions that serve as a useful running tally of various forms of violations in college athletics at all levels.

Finances

An NCAA-sponsored study appeared in August 2003 by Robert E. Litan, Jonathan M. Orszag, and Peter R. Orszag, *The Empirical Effects of Collegiate Athletics: An Interim Report* (Washington, DC: Sebago Associates, 2003). This work examined Division I college athletics’ impact on higher education, with a particular focus on finance. The NCAA’s Division I

Board of Directors Task Force commissioned this study in 2001 as part of its academic and athletics reform efforts. Although the study addressed a variety of popular hypotheses about college athletic finance, the data used, drawn from the Equity in Athletics Disclosure Act (EADA), do not permit the definitive conclusions the study asserts. As a result, the study is less useful than its title might indicate (see the online version at <http://www.ncaa.org/releases/temp/baseline.pdf>).

In spite of its many limitations, the EADA information is the most comprehensive publicly available data. *The Chronicle of Higher Education’s* database (<http://chronicle.com/stats/genderequity>), which is particularly helpful, contains strikingly fewer obvious errors than the one maintained by the U.S. Department of Education (available at <http://ope.ed.gov/athletics/Search.asp>). *The Chronicle’s* database not only appears more accurate but contains data on several prior years while the Department of Education’s Web site maintains only the most recently disclosed information for each institution. Unfortunately, *The Chronicle’s* database covers only NCAA Division I institutions, while the Department of Education’s Web site covers all NCAA Divisions, NAIA Divisions, and other athletic associations, provided the institution was coeducational and received federal funds. See the Notes on Intercollegiate Sports Data in Appendix 3. Among the many deficiencies of these data, the absence of accurate accounting for capital costs is clearly a major defect recognized by all who use these data.

Many others have written about the finances of college sports in venues from popular magazines – see Louis Menand, “Sporting Chances: The Cost of College Athletics,” *New Yorker* (January 22, 2001) 84-88 – to studies in academic and professional journals on various topics. See R. W. Brown, “Incentives and Revenue Sharing in College Football: Spreading the Wealth or Giving Away the Game?” *Managerial and Decision Economics* (1994:15) and Arthur Padilla and David Baumer, “Big-Time College Sports: Management and Economic Issues,” *Journal of Sport and Social Issues* (1994, 18:2). Other examples in the public press include William C. Rhoden, “At Conference Tournaments, the Colleges Major in Money,” *The New York Times* (March 15, 2003) and Michael Sokolove, “Football Is a Sucker’s Game” [University of South Florida], *The New York Times* (December 22, 2002).

Many people have looked at the issue of college sports as an incentive for private donations. See, for examples, Sarah E. Turner, Lauren A. Meserve, and William G. Bowen, “Winning and Giving: Football

Results and Alumni Giving at Selective Private Colleges and Universities,” *Social Science Quarterly* (2001: 82(4)), 812-826; Robert A. Baade and Jeffrey O. Sundberg, “Fourth Down and Gold to Go? Assessing the Link Between Athletics and Alumni Giving,” *Social Science Quarterly* (1996: 77), 789-803; Paul W. Grimes and George A. Chressanthis, “Alumni Contributions to Academics: The Role of Intercollegiate Sports and NCAA Sanctions,” *The American Journal of Economics and Sociology* (1994: 53), 27-40; Douglas Lederman, “Do Winning Teams Spur Contributions? Scholars and Fund Raisers are Skeptical,” *The Chronicle of Higher Education* (January 13, 1988); and Lee Sigelman and Robert Carter, “Win One for the Giver: Alumni Giving and Big-time College Sports,” *Social Science Quarterly* (1979: 60), 284-294. Useful for putting the modern fascination with college football stadiums into perspective is George P. Morris, “The Harvard Stadium,” *The Overland Monthly* (May 1903), 344-345.

For thorough coverage of college sports in general, but in particular columns pertaining to the financial struggles and successes of athletic departments, see *The Chronicle of Higher Education*, which has a long tradition of thorough reporting on college sports issues.

For some examples, see these columns by Welch Suggs: “How Gears Turn at a Sports Factory” (November 25, 2002), which is about Ohio State, and “Wave of Indecision: As Tulane U. Struggles with the Cost of Sports, Officials Weigh the Unthinkable” (June 13, 2003). Another periodical that closely follows the financial aspects of college sports is *Street & Smith’s Sports Business Journal* (SBJ). While SBJ also follows professional sports issues, the publication has provided close coverage of key college athletics issues such as the recent dispute between the Atlantic Coast and Big East Conferences and the 2001 Knight Commission on Intercollegiate Athletics. Jennifer Lee’s weekly column “Campus Beat” covers business and media issues related to intercollegiate athletics.

* * *

This brief introduction to the resources on intercollegiate athletics barely scratches the surface of the literature on this topic. America’s fascination with all things sporting is reflected in the writings of its scholars, journalists, and other commentators. A somewhat larger list appears on the Web site for the course, *The History of Intercollegiate Athletics in America: 1900-2003* (at <http://courses.umass.edu/lombardi/his03/bib.html>), offered at the University of Massachusetts Amherst.

Appendix 2: The Bowl Championship Series (BCS)

The Bowl Championship Series (BCS) serves to “determine the national champion for college football while maintaining and enhancing the bowl system that’s nearly 100 years old.” (<http://bcsfootball.org/>)

The top division of intercollegiate football has never finished its season with a tournament. Instead, between the first Rose Bowl game in 1902 and the BCS’s inception in 1998, college football seasons ended with as many as 40 of the nation’s football teams (20 different bowls in 1997) receiving invitations to various bowl games. Some of these bowl games had relatively large payouts and were recognizable by name by non-sports fans – such as the Orange Bowl or Rose Bowl. Other bowl games had smaller payouts and less name recognition (such as the Carquest Bowl).

Certain bowls belonged to the top teams in certain conferences, without exception. For example, the Rose Bowl traditionally matched the top Pacific 10 (Pac-10) Conference team against the top Big Ten Conference team. Consequently, if the nation’s undeniable “number one” regular season finisher happened to be a Pac-10 or Big Ten team, that team would receive an invitation to the Rose Bowl, even if the clear “number two” team received an invitation to the Fiesta Bowl. In pre-BCS days, The Ohio State University and the University of Miami could not have met in a national championship game in January 2003 because, before the BCS, Ohio State (a Big Ten team) would have been required to play in the Rose Bowl.

The BCS consists of only four bowl games (the Rose Bowl, Nokia Sugar Bowl, FedEx Orange Bowl, and Tostitos Fiesta Bowl) and does not replace the bowl system. As of 2002-2003, there were 24 other (non-BCS) bowl games – such as the SBC Cotton Bowl and the Outback Bowl – for a total of 28 bowl games. This arrangement ensures that each year almost half of the nation’s 117 Division I-A college football teams can play in a bowl game. Every season, 28 teams end the season as bowl winners, and 28 local economies can enjoy the economic impact of thousands of fans congregating for a major event. Even those teams that lose in a bowl game may nonetheless benefit financially and athletically from the opportunity. At the same time, the BCS bowls bring the college football season to its natural and more desirable conclusion for its television consumers by pitting a relatively undisputed #1 vs. #2.

BCS Quick Facts

- Parties to the 1998 BCS agreement (11 entities):
 - Four bowls: Rose Bowl, Tostitos Fiesta Bowl, Nokia Sugar Bowl, FedEx Orange Bowl
 - Six conferences: Big Ten, Pac-10, Big East, ACC, SEC, and Big 12
 - University of Notre Dame
- Agreements currently in play (4):
 - A contract between the Big Ten, Pac-10, and the Rose Bowl
 - A contract between the Rose Bowl and ABC
 - The BCS agreement with seven conferences, Notre Dame, and three bowl games
 - A contract between the BCS and ABC
- The six BCS conferences are guaranteed one berth in the BCS, and the remaining two at-large bids may come from inside or outside the BCS conferences
- If Notre Dame wins nine regular season games, it automatically receives one of the two at-large bids
- Total estimated revenue for 2004: \$89,920,000
 - 2004 Share for Both the Big Ten and Pac-10 Conference: \$3,128,889 (these conferences have separate financial agreements with the Rose Bowl, paying them directly)
 - 2004 Share for Each of the other four BCS Conferences: \$21,515,555 if two teams earn a BCS bid and \$17,015,555 if one team earns a BCS bid
 - 2004 Share for a non-BCS conference team earning an at-large bid: \$13,886,666
 - 2004 Share for all non-BCS I-A conferences: \$480,000-\$1,000,000
 - 2004 Share for I-AA conferences: \$190,000 if the conference averaged 60 full scholarship grants over the previous four-year period. Otherwise: \$0
 - 2004 Share for College Hall of Fame: \$600,000

The formula for the BCS standings has evolved somewhat, eliminating a “margin of victory” category that may have encouraged certain teams to run up the score against inferior opponents. For 2003-2004, a complicated point system uses five categories to calculate the standings: Polls (one media poll and one coaches poll), Computer Rankings (based on seven different statistical reporting systems), Strength of Schedule, Team Record, and Quality Wins. The complete explanation of the scoring system is more

than 1,700 words long and appears on-line at <http://bcsfootball.org/standings.shtml>.

The BCS arrangement affects different football participants in different ways and generates proposals for its maintenance, elimination, or modification. The interested parties include but are not limited to (1) the NCAA, (2) Division I-A schools in BCS conferences, (3) Division I-A schools in non-BCS conferences, (4) education critics, and (5) fans of televised football and sports in general.

Some believe that the NCAA would benefit financially from substituting an NCAA football championship tournament for the BCS games. This might involve a 4-week tournament of the top 16 teams. Currently, Division I-AA, the second-highest division of college football, finishes its season with a 16-team tournament. The NCAA has grown increasingly reliant on “March Madness,” the Division I men’s basketball tournament. This three-week basketball tournament currently provides the NCAA with most of its total revenue. The premise of this argument is that an NCAA Division I-A *football* tournament might generate an equivalent revenue stream to the NCAA. Many fans of televised sports find the “March Madness” basketball tournament to be among the most exciting sporting events of the year, and a football equivalent with 16 teams could be equally popular. The BCS does not produce a true tournament, of course, because each pair of teams simply plays to win that bowl game. The championship designation is an artifact of the ranking system that creates the top seed but does not allow lower-seeded teams a chance to beat the top two ranked teams.

Education critics of postseason football resist extending the football season for an additional three-

or four-week period. This would almost certainly extend games into most universities’ second semester, or require the football season to start earlier in the summer. Additionally, most universities in BCS conferences and even some Division I-A schools that are not in BCS conferences prefer to keep the current system, rather than assign the management and revenue of this postseason event to the NCAA bureaucracy. Representatives from these universities often use the rhetoric of educational critics about the danger of a prolonged football season for the student-athlete to resist the NCAA alternative postseason tournament.

As often happens in intercollegiate sports controversies, the federal government has become involved in this conversation. On July 17, 2003, Representative John Conyers, Jr., the Ranking Member on the House Judiciary Committee, sent a letter to the Chairman of the House Judiciary Committee requesting that the committee hold hearings on potential BCS antitrust violations. Quoting from his letter:

“The potential impact of this conglomeration of money and power is having a cascading impact far beyond major college football, as the de facto exclusion of non-BCS schools from major bowl games is causing those schools to have lower athletic budgets, inferior athletic facilities, and rising deficits. For example, many attribute the fact that in three out of the last four years, 14 of the 16 teams to make the third round of the NCAA men’s basketball tournament were from BCS schools results from the disparity created by the BCS.”

Whether or not the legal theories articulated in these hearings held on September 4, 2003, will prevail remains to be seen. The key players in this

Selected Information on Bowl Games and Payouts

Bowl Game	Estimated 2003-2004		TV Network
	Minimum Payout Per Team*	Conference Affiliation	
Each of The Four BCS Bowls	\$14,000,000	BCS vs. BCS	ABC
SBC Cotton Bowl	\$3,000,000	Big 12 vs. SEC	FOX
Chick-fil-A Peach Bowl	\$2,000,000	ACC vs. SEC	ESPN
Alamo Bowl Presented By Mastercard	\$1,450,000	Big Ten vs. Big 12	ESPN
Las Vegas Bowl	\$800,000	Mountain West vs. Pac-10	ESPN
Gaylord Hotels Music City Bowl	\$780,000	SEC vs. Big Ten	ESPN
Diamond Walnut San Francisco Bowl	\$750,000	Mountain West vs. Big East	ESPN2

*Depending on the team earning the bid, a team may be required to share none, some, or all of the payout with its conference members.

Sources: BCS numbers were obtained from <http://www.bcsfootball.org/facts.shtml>. Other bowl payouts were obtained from their official sites.

controversy are the conferences, rather than the individual institutions, because the BCS is an agreement among conferences about postseason bowl games. Conference alignments shift to improve the competitive position of their members as various universities demonstrated recently with a realignment of the Big East and Atlantic Coast Conference (ACC). When the University of Miami jumped to the ACC, five Big East Conference schools sued the Atlantic Coast Conference (ACC) and the University of Miami for fraud, accusing the entities of engaging in deceptive tactics in order to move teams from the Big East to the ACC. Miami and Virginia Tech eventually did switch to the ACC, thereby weakening the Big East as a football conference. The realignment not only strengthened the ACC as a football conference but may well have weakened the Big East so much that it could fall out of the BCS category. In any case, the main issue in all these discussions is television money to be derived from the BCS bowls themselves and from the better television coverage of football that would come from better teams within a conference and, if the conference has 12 members, a conference championship game as well. Time will sort out these controversies, but the importance of television revenue in Division I-A football becomes

undeniable when observing these maneuvers.

We considered whether a team belonged to a BCS conference when we explored the relationship between the institution's research performance and the scope of its athletic program.

- For more detailed information, see the BCS's official Web site at <http://bcsfootball.org/>
- The BCS's 2002-2003 media guide is available on-line at <http://www.sportswriters.net/fwaa/news/bcsguide03.pdf>
- A collection of critical articles and documents, both supporting and criticizing the BCS, can be found at <http://www.bcsorbs.com/articles.php>
- Welch Suggs' article on "Presidents of Colleges With Big-Time Sports Programs Defend Bowl Championship Series," *The Chronicle of Higher Education* (July 22, 2003), appeared shortly after Congressman Conyers' request for antitrust hearings.
- For a short summary of the precursor bowl alliances to the current BCS, see the Hickok Sports History site, especially <http://www.hickoksports.com/history/collbowl.shtml#bcs>

Appendix 3: Notes on Intercollegiate Sports Data

Introduction:

The full data collected for this report is presented in Appendix Tables 1 and 2.

This report discusses the unreliability of the athletic expense and revenue data colleges and universities disclose. This unreliability comes not from any effort to disguise information but primarily from the instructions of the U.S. Department of Education that specify different reporting requirements for expenses than it does for revenues. The Department of Education's full definitions appear at the end of this Appendix.

Hypothetically, take two Division I-A athletic departments that spend about \$8 million per year more than they make. This amount is probably close to the median of athletic deficits among Division I-A institutions if we can rely on experience and a variety of in newspaper accounts over recent years. Athletic Department #1 may report an \$8 million net loss in its Equity in Athletics Disclosure Act report to the Department of Education, while Athletic Department #2 may report a perfectly balanced budget. This discrepancy would be legitimate for accounting purposes if Athletic Department #2 received an infusion of cash from the university, perhaps in the form of a student activities fee for athletics. Further, a small minority of athletic departments are structured as 501c non-profit corporations, meaning that they will not receive financial support from the university. In essence, some athletic departments are reporting the *net* of their athletic dollars, others are reporting the *gross* of their athletic dollars, and many are reporting something in between.

These data do not permit a reliable calculation of the net cost of intercollegiate athletics (actual expenses minus actual revenue) for the institutions in this study. Good data usually do not appear in the published record of individual universities, even when public universities publish their budgets on-line, because many costs disappear into the university's general budget. For example, academic advising, many fringe benefits, sometimes utility and maintenance costs for office space, and the like, as well as debt costs, do not appear in a consistent and reliable form.

Since we are interested in the true cost of intercollegiate athletics (actual expenses minus actual revenue), these data are not reliable for our purposes. Ideally, we would have liked to uncover the true athletic *oppor-*

tunity cost for every institution (i.e. the amount of money that a university spent on athletics that it might otherwise have spent on something else). However, such information is usually impossible to uncover, especially for private institutions. Even in the case of public institutions, where a complete university budget is published, it is sometimes difficult to account for all of a university's expenses that are athletic in nature. For example, a university may spend \$20 million on a student academic support building. Even the most skilled and scrupulous accountant might not recognize this as an "athletic" expense, if he or she did not realize that one floor of the building often is devoted to an athletes-only study hall, and most of the offices in the building are inhabited by student-athlete support staff.

In our effort to calculate an approximate opportunity cost for supporting an athletic program we decided to use the *higher reported total* of expenses or revenues as the dependent variable to determine the relationship between the scope of an athletic program and the academic quality of research institutions. Because almost all institutions spend the revenue they earn, and most spend more than they earn, the highest reported number of revenue or expenses in the data is likely the closest to the actual expenditures and revenue of any given university's program.

The data from the U.S. Department of Education's Equity in Athletics Disclosure Act Web site appear to fit our needs (<http://ope.ed.gov/athletics/Search.asp>). However, we found many clear errors in the expense and revenue numbers posted on this Web site. For example, more than 100 institutions have a total expense amount less than the amount for total coach salaries. Because coach salaries form a part of total expenses, this should be impossible. It is unclear how often this error was the result of faulty reporting by the institutions and how often it was the result of faulty transcriptions by the Department of Education. Fortunately, *The Chronicle of Higher Education* maintains a database of Division I institutions at <http://chronicle.com/stats/genderequity>. In almost all cases, *The Chronicle* received financial information directly from the Division I institutions (exceptions listed below). *The Chronicle's* numbers did not show the obvious errors visible in the Department of Education's data.

The following identifies the data used in the text and tables:

- **Division II and III:** To determine the higher total of athletic expenses or revenue we used the U.S. Department of Education's Equity in Athletics Disclosure Act data. In almost all cases, 2001-2002 numbers were used, but in a few cases, 2000-2001 numbers were used when newer information was unavailable.
- **Division I:** To determine the higher total of athletic expenses or revenue we used *The Chronicle of Higher Education's* Equity in Athletics Disclosure Act numbers. However, *The Chronicle* did not receive financial data from some Division I institutions. We used the Department of Education's numbers for the following Division I schools: Alabama A&M University, Alabama State University, American University, Arkansas State University, Belmont University, Creighton University, Eastern Kentucky University, Florida A&M University, Gardner-Webb University, Georgia Southern University, Hampton University, Hofstra University, Howard University, Idaho State University, Louisiana State University at Baton Rouge, Marquette University, Mercer University, Morris Brown College, Quinnipiac University, Saint Joseph's University, Southeastern Louisiana University, St. John's University (N.Y.), Texas Southern University, Tulane University, United States Naval Academy, University of Central Florida, University of Houston, University of Memphis, University of New Orleans, University of Oregon, University of Wisconsin at Milwaukee, Vanderbilt University, Villanova University. In all cases, 2001-2002 numbers were used.

Finally, there were a few instances where *TheCenter* counted each campus of multi-campus institutions as a distinct entity in its publications, but the Department of Education or the NCAA counted them only as one entity. An example of this is the unique case of Columbia University and Barnard College. The Barnard/Columbia Athletic Consortium enables women from Columbia and Barnard to play on the same varsity teams. Consequently, in our tables, Barnard is listed as having \$0 in athletic revenues and expenses. All dollars spent on intercollegiate athletics for Barnard students appear under Columbia University.

Athletic Division Status:

All institutions were divided into seven athletic classifications (NCAA Division I-A, NCAA Division I-

AA, NCAA Division I-AAA, NCAA Division II, NCAA Division III, NAIA, and Neither NCAA Nor NAIA). These classifications reflect the U.S. Department of Education's Equity in Athletics Disclosure Act Web site: <http://ope.ed.gov/athletics/Search.asp>. The University of Alaska Fairbanks appears erroneously listed as NAIA by the Department of Education, although it appears correctly as NCAA Division II in our tables.

Conference Affiliation:

Conference affiliations are listed for all Division I-A and I-AA institutions. In cases where teams play in different conferences for different sports, we use the institutions' *football* conference. For example, Temple University is an Atlantic 10 team, but its football team plays in the Big East (a BCS Conference), so it appears as a Big East school. Conversely, Georgetown is a Big East team, but its football team plays in the Division I-AA Patriot League, so it appears as a Patriot League school.

Public and Private Ownership Definition:

To determine whether an institution was public or private, we used *TheCenter's* tables whenever possible. In the case of institutions reporting any federal research expenditures, we followed the *TheCenter's* classifications. In the case of institutions *not* reporting federal research expenditures, we used the U.S. Department of Education's Equity in Athletics Disclosure Act Web site: <http://ope.ed.gov/athletics/Search.asp>.

2000 Federal Research; 1999 Adjusted Endowment Equivalent; 2000 Undergraduate Student Headcount:

In all cases, we used *TheCenter's* data in its August 2002 publication, *The Top American Research Universities*.

Adjusted Endowment Equivalent totals are for universities reporting more than \$20 million in federal research in 1999. Of the 154 research institutions reporting more than \$20 million in federal research in 1999, 25 are stand-alone medical schools and 10 are institutions that did not provide student enrollment data or all four income measures (endowment assets, annual giving, state appropriations, and tuition and fees) and were excluded. Total Endowment Equivalent is the sum of these four variables, with the latter three converted to a comparable endowment equivalent (assuming a 4.5% payout rate, we divide each figure by .045). Adjusted Total Endowment Equivalent is equal to the Total Endowment Equivalent minus an adjustment for student enrollment.

Stadium Capacities:

Stadium capacities for Division I-A come from Football.com, Inc. (<http://www.football.com/college/confs/>) and are current to 2003. Stadium capacities for Division I-AA appear on the Web site of College Sporting News, Inc. (http://www.collegesportingnews.com/article_print.asp?articleid=3029) and are current to September 2001.

Sizes of Major College Football Stadiums Prior to 1930 and Ten Largest Division I On-Campus College Football Stadiums, 2002 Season (as referenced in Tables 10 and 11).

This is not an exhaustive listing of *all* large stadiums in the 1930s but displays a selected group of large stadiums to illustrate that long-standing commitment of colleges to build stadiums that greatly exceed their student populations. Most of the information for this chart came from historical data on each institution's athletic Web site. The Michigan site, in particular, contains much information on the evolution of Michigan Stadium.

Sources include:

- <http://pennathletics.ocsn.com/sports/m-footbl/spec-rel/franklinfield1.html>
- <http://gocrimson.ocsn.com/facilities/stadium.html>
- <http://www.sfo.com/~csuppes/NCAA/Ivy/index.htm?Yale/index.htm>
- <http://www.sfo.com/~csuppes/NCAA/Big10/OhioState/index.htm>
- <http://fightingillini.ocsn.com/trads/ill-trads-memorial.htm>
- http://www.msfc.com/ann_before_memorial_stadium.cfm
- <http://www.sfo.com/~csuppes/NCAA/Big10/Minnesota/index.htm>
- <http://www.sfo.com/~csuppes/NCAA/BigEast/Pittsburgh/index.htm>
- <http://www.sfo.com/~csuppes/NCAA/Big10/Northwestern/index.htm>
- <http://www.umich.edu/~bhl/stadium/stadtext/bonds.htm>
- <http://www.infoplease.com/busbp.html>
- http://www.collegesportingnews.com/article_print.asp?articleid=3029

Selected Definitions and Frequently Asked Questions on the Department of Education Equity in Athletics Disclosure Act (EADA):

The U.S. Department of Education uses broad definitions of expenses and revenues in requesting information on athletic financial information from

colleges and universities. In the tables and discussion of this report, and for reasons outlined in the essay and in this Appendix, we used the higher reported total of expenses or revenue as the dependent variable in examining the relationship between the scope of an athletic program and the academic quality of research institutions.

Coeducational academic institutions receiving federal funds are required to publish their expense and revenue data according to the Equity in Athletics Disclosure Act (EADA). This act focuses on gender equity rather than on the balance between income and expenses in college athletics. The U.S. Department of Education's definitions of revenues and expenses do not fully account for what colleges and universities earn and spend on athletics. The following definitions from the Department of Education's Web site illustrate the difficulty (<http://surveys.ope.ed.gov/athletics/glossary.asp> and <http://surveys.ope.ed.gov/athletics/faq.asp#2>):

- **Expenses:** Expenses attributable to intercollegiate athletic activities. This includes appearance guarantees and options, athletically related student aid, contract services, equipment, fundraising activities, operating expenses, promotional activities, recruiting expenses, salaries and benefits, supplies, travel, and any other expenses attributable to intercollegiate athletic activities.
- **Revenues:** Revenues attributable to intercollegiate athletic activities. This includes revenues from appearance guarantees and options, an athletic conference, tournament or bowl games, concessions, contributions from alumni and others, **institutional support**, program advertising and sales, radio and television, royalties, signage and other sponsorships, sports camps, **State or other government support, student activity fees**, ticket and luxury box sales, and any other revenues attributable to intercollegiate athletic activities. [*emphasis added*]

"An institution does not have to report capital expenses on the EADA. The data required by the EADA does not include data concerning capital assets. The EADA requires data concerning expenses and revenues that are akin to data from an income and expense statement. Such statements do not report capital assets (capital assets are generally presented on a balance sheet). Therefore, an institution should not include information about capital assets and related debts in its EADA report."

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Private	Abilene Christian University	4,231	89.3%	4,739
Under \$1M	Private	Adelphi University	3,099	52.5%	5,908
\$5 - \$20M	Public	Air Force Institute of Technology			NR
\$5 - \$20M	Public	Alabama A&M University	4,380	79.3%	5,523
\$1 - \$5M	Public	Alabama State University	4,348	82.5%	5,269
Under \$1M	Private	Albany College of Pharmacy	581	84.1%	691
\$5 - \$20M	Private	Albany Medical College	0	0.0%	641
Under \$1M	Public	Albany State University	3,129	88.8%	3,525
\$5 - \$20M	Public	Alcorn State University	2,398	81.7%	2,936
\$1 - \$5M	Private	Alfred University	1,361	84.7%	1,607
Under \$1M	Private	Allegheny College	1,904	100.0%	1,904
\$1 - \$5M	Private	American University	5,701	52.9%	10,776
Under \$1M	Private	Amherst College	1,695	100.0%	1,695
Under \$1M	Private	Andrews University	1,736	63.2%	2,749
Under \$1M	Private	Antioch University (Multiple campuses)	0	0.0%	960
Under \$1M	Public	Appalachian State University	12,112	91.6%	13,227
Over \$20M	Public	Arizona State University - Tempe	33,985	77.0%	44,126
Under \$1M	Public	Arkansas State University - Jonesboro	9,289	89.1%	10,429
Under \$1M	Public	Arkansas Tech University	4,675	94.1%	4,970
Over \$20M	Public	Auburn University - Auburn	18,326	83.8%	21,860
Under \$1M	Private	Augsburg College	2,913	95.8%	3,040
Under \$1M	Public	Ball State University	16,350	86.0%	19,004
\$1 - \$5M	Private	Barnard College	2,285	100.0%	2,285
Under \$1M	Private	Bates College	1,694	100.0%	1,694
\$1 - \$5M	Public	Baylor College of Dentistry			NR
Over \$20M	Private	Baylor College of Medicine	0	0.0%	1,192
Under \$1M	Private	Baylor University	11,806	86.1%	13,719
\$1 - \$5M	Private	Benedict College	2,966	100.0%	2,966
Under \$1M	Private	Bennett College	619	100.0%	619
Under \$1M	Private	Bethune-Cookman College	2,745	100.0%	2,745
\$5 - \$20M	Public	Binghamton University	9,858	79.0%	12,473
\$1 - \$5M	Public	Boise State University	14,756	90.6%	16,287
\$5 - \$20M	Private	Boston College	9,764	64.1%	15,240
Over \$20M	Private	Boston University	17,819	62.9%	28,318
Under \$1M	Private	Bowdoin College	1,609	100.0%	1,609
\$1 - \$5M	Public	Bowie State University	3,109	66.1%	4,700
\$1 - \$5M	Public	Bowling Green State University - Bowling Green	15,494	85.6%	18,096
Under \$1M	Private	Bradley University	5,116	86.0%	5,951
Over \$20M	Private	Brandeis University	3,169	66.7%	4,753
Under \$1M	Public	Bridgewater State College	7,080	80.1%	8,839
\$5 - \$20M	Private	Brigham Young University - Provo	29,688	91.2%	32,554
Over \$20M	Private	Brown University	6,029	78.1%	7,723
Under \$1M	Private	Bryn Mawr College	1,358	76.1%	1,784
Under \$1M	Private	Bucknell University	3,443	95.9%	3,592
Over \$20M	Private	California Institute of Technology	929	47.2%	1,968
\$5 - \$20M	Public	California Polytechnic State Univ - San Luis Obispo	15,867	94.0%	16,877
Under \$1M	Private	California School of Professional Psych - Alameda	0	0.0%	692
Under \$1M	Private	California School of Professional Psych - Fresno	0	0.0%	409

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division II	No			5,105,186		165	252
Division II	No			2,045,372		73	169
Neither NCAA nor NAIA	No					5,371	7,771
Division I-AA	No	SWAC	21,000	3,502,097		7,056	8,238
Division I-AA	No	SWAC	24,600	1,705,752		1,190	1,365
Neither NCAA nor NAIA	No					839	1,360
Neither NCAA nor NAIA	No					7,691	11,522
Division II	No			1,414,211		840	1,393
Division I-AA	No	SWAC	25,000	4,991,364		8,034	8,034
Division III	No			810,844		1,227	6,442
Division III	No			196,877		88	318
Division I-AAA	No			8,066,879		1,886	2,245
Division III	No			1,755,515		999	1,859
Neither NCAA nor NAIA	No					87	444
Neither NCAA nor NAIA	No					0	0
Division I-AA	No	Southern	16,650	6,334,577		128	694
Division I-A	Yes	Pac 10	73,521	31,985,560	4,711,231	49,935	108,117
Division I-A	No	Sun Belt	30,458	8,353,131		267	1,203
Division II	No			1,606,891		92	419
Division I-A	Yes	SEC	85,214	38,951,367	3,521,592	31,515	92,612
Division III	No			1,100,026		337	337
Division I-A	No	Mid American	17,000	11,276,749		873	2,429
Division I-AA	No	Ivy	17,000	0		1,198	1,347
Division III	No					463	598
Neither NCAA nor NAIA	No					1,380	2,718
Neither NCAA nor NAIA	No					193,249	334,175
Division I-A	Yes	Big 12	50,000	23,829,135		353	3,307
Division II	No			1,803,528		1,143	1,143
Division III	No			0		583	811
Division I-AA	No	Mid-Eastern	10,000	6,251,585		586	586
Division I-AAA	No			6,139,465		6,319	18,661
Division I-A	No	WAC	30,000	12,644,097		2,151	3,480
Division I-A	Yes	Big East	44,500	32,937,498		16,673	27,767
Division I-AAA	No			14,459,933	10,522,828	133,730	154,029
Division III	No			2,046,827		228	576
Division II	No			968,081		2,360	2,675
Division I-A	No	Mid American	30,599	10,718,337		1,847	3,454
Division I-AAA	No			6,135,072		146	1,371
Division III	No			709,000	2,679,375	26,444	47,658
Division III	No			227,816		287	585
Division I-A	No	Mountain West	65,524	24,867,731		10,378	17,237
Division I-AA	No	Ivy	20,000	10,624,320	5,354,431	49,943	81,476
Division III	No			0		978	2,791
Division I-AA	No	Patriot	13,100	10,027,105		754	1,835
Division III	No			757,058	4,822,285	176,177	222,666
Division I-AA	No	Independent	8,500	8,105,377		7,605	12,133
Neither NCAA nor NAIA	No					25	498
Neither NCAA nor NAIA	No					773	1,034

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Private	California School of Professional Psych - San Diego	0	0.0%	681
\$1 - \$5M	Public	California State Polytechnic University - Pomona	16,436	89.2%	18,424
Under \$1M	Public	California State University - Bakersfield	4,809	75.2%	6,397
Under \$1M	Public	California State University - Chico	13,907	87.4%	15,912
Under \$1M	Public	California State University - Dominguez Hills	7,733	60.2%	12,848
\$1 - \$5M	Public	California State University - Fresno	15,413	80.9%	19,056
\$1 - \$5M	Public	California State University - Fullerton	23,385	82.4%	28,381
\$5 - \$20M	Public	California State University - Long Beach	25,153	81.4%	30,918
\$5 - \$20M	Public	California State University - Los Angeles	13,476	68.8%	19,593
\$1 - \$5M	Public	California State University - Northridge	22,553	77.6%	29,066
Under \$1M	Public	California State University - San Bernardino	10,273	68.9%	14,909
Under \$1M	Private	Calvin College	4,263	98.9%	4,309
Under \$1M	Private	Carleton College	1,936	100.0%	1,936
Over \$20M	Private	Carnegie Mellon University	5,224	61.4%	8,514
Over \$20M	Private	Case Western Reserve University	3,434	36.9%	9,304
\$5 - \$20M	Private	Catholic University of America	2,609	47.5%	5,493
Under \$1M	Public	Central Connecticut State University	9,443	77.1%	12,252
Under \$1M	Public	Central Michigan University	18,620	69.4%	26,845
Under \$1M	Public	Central State University	1,075	97.5%	1,103
\$1 - \$5M	Public	Central Washington University	7,603	94.4%	8,050
Under \$1M	Private	Chapman University	2,953	67.8%	4,353
Over \$20M	Private	Charles R. Drew University of Medicine and Science	91	91.9%	99
\$1 - \$5M	Public	Chicago State University	5,060	73.2%	6,914
Under \$1M	Public	City University of New York - Bernard M Baruch College	13,025	83.0%	15,698
\$1 - \$5M	Public	City University of New York - Brooklyn College	10,094	67.1%	15,039
\$5 - \$20M	Public	City University of New York - City College	8,155	73.8%	11,055
Under \$1M	Public	City University of New York - College of Staten Island	9,735	87.6%	11,115
\$5 - \$20M	Public	City University of New York - Hunter College	15,421	77.1%	20,011
Under \$1M	Public	City University of New York - John Jay College Criminal Justice	9,559	90.1%	10,612
\$1 - \$5M	Public	City University of New York - Lehman College	6,922	78.9%	8,768
Under \$1M	Public	City University of New York - Medgar Evers College	4,614	100.0%	4,614
\$1 - \$5M	Public	City University of New York - Queens College	10,964	72.8%	15,061
\$1 - \$5M	Public	City University of New York - York College	5,357	100.0%	5,357
Under \$1M	Public	City University of NY - Graduate Sch and University Ctr	0	0.0%	3,567
Under \$1M	Private	Clafin University	1,130	100.0%	1,130
Under \$1M	Private	Claremont Graduate University	0	0.0%	1,969
\$5 - \$20M	Private	Clark Atlanta University	4,030	79.6%	5,060
\$1 - \$5M	Private	Clark University (MA)	2,124	73.0%	2,910
\$1 - \$5M	Private	Clarkson University	2,539	88.3%	2,877
Over \$20M	Public	Clemson University	14,066	80.5%	17,465
\$1 - \$5M	Public	Cleveland State University	10,133	66.3%	15,294
Under \$1M	Public	Coastal Carolina University	4,405	94.7%	4,653
Under \$1M	Private	Colby College	1,814	100.0%	1,814
Under \$1M	Private	Colgate University	2,811	99.7%	2,820
\$1 - \$5M	Public	College of Charleston	9,750	87.6%	11,129
Under \$1M	Private	College of the Holy Cross	2,826	100.0%	2,826
\$5 - \$20M	Public	College of William and Mary	5,585	74.2%	7,530
Under \$1M	Private	College of Wooster	1,837	100.0%	1,837

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Neither NCAA nor NAIA	No					517	1,020
Division II	No			2,330,809		1,703	1,703
Division II	No			2,505,385		459	3,703
Division II	No			2,825,900		450	2,390
Division II	No			1,201,739		909	998
Division I-A	No	WAC	41,031	21,377,448		1,823	11,598
Division I-AAA	No			6,590,518		1,148	1,712
Division I-AAA	No			8,047,269		12,964	32,551
Division II	No			1,542,629		8,344	9,062
Division I-AAA	No			8,219,891		3,182	6,190
Division II	No			2,253,298		880	1,797
Division III	No			561,745		270	1,191
Division III	No			1,105,026		760	1,245
Division III	No			2,280,237	4,090,737	91,191	137,980
Division III	No			140,384	4,753,279	150,586	193,057
Division III	No			646,725		7,680	9,329
Division I-AA	No	Northeast	5,000	3,433,977		137	218
Division I-A	No	Mid American	20,086	10,740,681		142	755
NAIA	No					283	560
Division II	No			2,671,886		1,426	2,006
Division III	No			1,240,110		73	373
Neither NCAA nor NAIA	No					21,969	31,045
Division I-AAA	No			2,708,077		1,248	1,263
Division III	No			166,356		87	375
Division III	No			306,242		2,866	6,342
Division III	No			293,220		13,059	17,059
Division III	No			171,612		858	1,208
Division III	No			0		8,650	15,047
Division III	No			191,982		779	1,274
Division III	No			437,360		1,444	1,632
Division III	No			82,500		258	291
Division II	No			795,333		2,604	3,827
Division III	No			123,554		1,317	1,341
Neither NCAA nor NAIA	No					532	739
NAIA	No					250	555
Neither NCAA nor NAIA	No					798	2,416
Division II	No			0		16,170	16,891
Division III	No			1,133,782		1,652	2,908
Neither NCAA nor NAIA	No					3,837	7,751
Division I-A	Yes	ACC	81,474	35,216,313	4,014,417	31,304	114,903
Division I-AAA	No			5,582,941		3,318	10,214
Division I-AA	No	Big South	12,000	4,931,907		923	1,187
Division III	No			1,977,554		83	392
Division I-AA	No	Patriot	10,221	12,856,275		917	1,664
Division I-AAA	No			4,907,314		1,607	3,047
Division I-AA	No	Patriot	23,500	9,147,286		142	371
Division I-AA	No	Atlantic 10	13,279	10,453,277		13,031	33,299
Division III	No			1,158,421		276	593

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Private	Colorado College	1,919	98.8%	1,942
\$5 - \$20M	Public	Colorado School of Mines	2,559	68.5%	3,738
Over \$20M	Public	Colorado State University	20,728	77.3%	26,807
Over \$20M	Private	Columbia University	6,623	33.7%	19,639
Under \$1M	Private	Connecticut College	1,814	97.7%	1,856
Under \$1M	Private	Cooper Union for the Advancement of Science & Art	878	96.9%	906
Over \$20M	Private	Cornell University	14,734	70.7%	20,843
\$5 - \$20M	Private	Creighton University	3,765	60.4%	6,237
Over \$20M	Private	Dartmouth College	4,057	75.3%	5,386
\$1 - \$5M	Public	Delaware State University	2,855	92.0%	3,103
Under \$1M	Private	Denison University	2,108	100.0%	2,108
Under \$1M	Private	DePaul University	12,436	60.5%	20,548
Under \$1M	Private	Des Moines University - Osteopathic Medical Center	2	0.2%	1,149
\$5 - \$20M	Public	Desert Research Institute			NR
Under \$1M	Private	Dickinson College	2,115	100.0%	2,115
Under \$1M	Private	Dillard University	1,953	100.0%	1,953
Under \$1M	Private	Drake University	2,890	56.4%	5,126
\$5 - \$20M	Private	Drexel University	10,582	80.6%	13,128
Over \$20M	Private	Duke University	6,325	51.9%	12,192
\$1 - \$5M	Private	Duquesne University	5,499	56.9%	9,667
\$1 - \$5M	Public	East Carolina University	15,018	80.1%	18,750
Under \$1M	Public	East Stroudsburg University of Pennsylvania	4,732	81.4%	5,811
\$1 - \$5M	Public	East Tennessee State University	9,125	82.5%	11,063
Under \$1M	Public	Eastern Kentucky University	13,285	100.0%	13,285
\$1 - \$5M	Public	Eastern Michigan University	18,189	77.2%	23,561
\$5 - \$20M	Private	Eastern Virginia Medical School	14	2.0%	699
\$1 - \$5M	Public	Eastern Washington University	7,567	88.0%	8,597
\$1 - \$5M	Public	Elizabeth City State University	2,022	99.4%	2,035
\$1 - \$5M	Private	Embry-Riddle Aeronautical University - Daytona Beach (FL)	11,289	81.0%	13,936
Over \$20M	Private	Emory University	6,316	55.4%	11,398
Under \$1M	Public	Evergreen State College	3,901	94.6%	4,125
Under \$1M	Private	Fairfield University	4,173	80.4%	5,188
Under \$1M	Private	Fairleigh Dickinson University	6,560	69.9%	9,382
Under \$1M	Public	Fairmont State College	6,496	100.0%	6,496
Under \$1M	Public	Fayetteville State University	3,706	82.6%	4,487
Under \$1M	Public	Ferris State University	9,235	93.8%	9,847
\$5 - \$20M	Private	Finch University of Health Science - Chicago Med School	14	1.0%	1,360
\$1 - \$5M	Private	Fisk University	853	87.7%	973
Under \$1M	Public	Fitchburg State College	3,238	56.7%	5,715
\$5 - \$20M	Public	Florida A&M University	10,707	88.3%	12,126
\$5 - \$20M	Public	Florida Atlantic University	17,496	83.1%	21,046
\$1 - \$5M	Private	Florida Institute of Technology	2,033	47.9%	4,248
Over \$20M	Public	Florida International University	26,222	82.1%	31,945
Over \$20M	Public	Florida State University	27,021	79.5%	33,971
\$1 - \$5M	Private	Fordham University	6,989	51.2%	13,650
Under \$1M	Public	Fort Lewis College	4,285	100.0%	4,285
\$1 - \$5M	Public	Fort Valley State University	2,212	86.4%	2,561
Under \$1M	Private	Franklin & Marshall College	1,892	100.0%	1,892

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division III	No			3,254,145		145	1,213
Division II	No			1,638,051		11,995	21,795
Division I-A	No	Mountain West	30,000	17,917,221	2,080,294	101,429	152,279
Division I-AA	No	Ivy	17,000	7,945,578	15,194,089	283,163	319,693
Division III	No			1,721,262		0	423
Neither NCAA nor NAIA	No					94	284
Division I-AA	No	Ivy	25,597	9,608,985	12,405,782	229,872	410,393
Division I-AAA	No			6,685,181		5,541	15,841
Division I-AA	No	Ivy	20,416	6,355,776	6,200,561	56,369	78,874
Division I-AA	No	Mid-Eastern	22,000	4,067,913		3,052	3,415
Division III	No			2,300,949		238	328
Division I-AAA	No			7,350,402		478	863
Neither NCAA nor NAIA	No					134	417
Neither NCAA nor NAIA	No					19,923	25,877
Division III	No			788,183		390	739
NAIA	No					182	264
Division I-AA	No	Pioneer	18,000	7,180,926		198	468
Division I-AAA	No			8,073,044		14,292	24,876
Division I-A	Yes	ACC	33,941	32,133,847	12,260,999	204,180	356,625
Division I-AA	No	MAAC	4,500	7,406,554		1,902	2,662
Division I-A	No	Conference USA	43,000	15,669,062		4,388	8,461
Division II	No			1,470,770		271	642
Division I-AA	No	Southern	12,000	5,798,167		2,768	6,494
Division I-AA	No	Ohio Valley	20,000	5,799,828		192	640
Division I-A	No	Mid American	30,200	12,414,887		1,213	4,118
Neither NCAA nor NAIA	No					12,114	23,299
Division I-AA	No	Big Sky	6,000	4,736,075		1,366	2,108
Division II	No			647,599		1,558	1,558
Neither NCAA nor NAIA	No					1,551	2,700
Division III	No			1,841,589	12,277,260	144,914	206,070
NAIA	No					537	766
Division I-AA	No	MAAC	3,000	8,241,475		203	1,061
Division I-AAA	No			4,174,514		24	158
Division II	No			1,497,743		102	110
Division II	No			782,307		507	507
Division II	No			3,653,262		0	15
Neither NCAA nor NAIA	No					5,117	7,587
Division III	No			75,190		2,652	3,401
Division III	No			289,823		0	26
Division I-AA	No	Mid-Eastern	25,500	733,787		16,278	21,612
Division I-AA	No	Independent	41,000	10,046,621		12,359	19,535
Division II	No			1,118,073		2,980	6,058
Division I-AAA	No			9,046,949		20,296	34,649
Division I-A	Yes	ACC	80,000	32,529,988	3,377,103	56,830	105,095
Division I-AA	No	Patriot	7,000	12,244,512		2,101	3,584
Division II	No			0		139	191
Division II	No			1,068,058		2,417	2,768
Division III	No			2,074,149		604	1,188

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Private	Fuller Theological Seminary in California		0.0%	2,475
Under \$1M	Private	Furman University	2,789	85.2%	3,272
\$1 - \$5M	Private	Gallaudet University	1,258	74.5%	1,689
Over \$20M	Public	George Mason University	15,185	64.9%	23,408
Over \$20M	Private	George Washington University	8,837	43.1%	20,527
Over \$20M	Private	Georgetown University	6,418	51.6%	12,427
Over \$20M	Public	Georgia Institute of Technology	10,745	72.6%	14,805
Under \$1M	Public	Georgia Southern University	12,648	89.2%	14,184
\$5 - \$20M	Public	Georgia State University	16,444	69.6%	23,625
\$1 - \$5M	Public	Grambling State University	4,289	90.9%	4,716
Under \$1M	Public	Grand Valley State University	15,211	81.9%	18,569
Under \$1M	Private	Grinnell College	1,344	100.0%	1,344
Under \$1M	Private	Gustavus Adolphus College	2,388	100.0%	2,388
Under \$1M	Private	Hamilton College (NY)	1,765	100.0%	1,765
Under \$1M	Private	Hampshire College	1,175	100.0%	1,175
\$5 - \$20M	Private	Hampton University	4,891	85.2%	5,743
Over \$20M	Private	Harvard University	9,884	40.7%	24,279
\$1 - \$5M	Private	Harvey Mudd College	717	99.7%	719
\$1 - \$5M	Private	Haverford College	1,135	100.0%	1,135
Under \$1M	Private	Hofstra University	9,346	71.1%	13,144
Under \$1M	Private	Hope College	3,015	100.0%	3,015
Over \$20M	Private	Howard University	6,569	65.6%	10,010
\$1 - \$5M	Public	Humboldt State University	6,469	87.0%	7,433
\$1 - \$5M	Public	Idaho State University	10,703	82.1%	13,040
\$5 - \$20M	Private	Illinois Institute of Technology	1,736	28.9%	6,003
\$1 - \$5M	Public	Illinois State University	18,025	86.8%	20,755
Under \$1M	Public	Indiana State University	9,537	86.3%	11,051
Over \$20M	Public	Indiana University - Bloomington	29,383	79.3%	37,076
Under \$1M	Public	Indiana University of Pennsylvania - Indiana	11,735	87.5%	13,410
Over \$20M	Public	Indiana University-Purdue University - Indianapolis	20,211	73.4%	27,525
\$1 - \$5M	Private	Institute of Paper Science and Technology			NR
Under \$1M	Private	Institute of Textile Technology	0	0.0%	21
Over \$20M	Public	Iowa State University	22,087	82.3%	26,845
\$1 - \$5M	Private	Ithaca College	5,906	95.7%	6,170
\$5 - \$20M	Public	Jackson State University	5,471	80.2%	6,820
Under \$1M	Public	James Madison University	14,280	93.2%	15,326
Under \$1M	Private	Jarvis Christian College	537	100.0%	537
\$1 - \$5M	Private	John Carroll University	3,525	80.4%	4,384
Over \$20M	Private	Johns Hopkins University	5,278	29.7%	17,774
Under \$1M	Private	Johnson C. Smith University	1,576	100.0%	1,576
Under \$1M	Private	Juniata College	1,291	100.0%	1,291
Over \$20M	Public	Kansas State University	18,252	83.2%	21,929
Under \$1M	Public	Kennesaw State University	11,977	89.6%	13,360
\$5 - \$20M	Public	Kent State University - Kent	17,580	80.2%	21,924
Under \$1M	Public	Kentucky State University	2,129	94.5%	2,254
Under \$1M	Private	Kettering University	2,632	79.0%	3,331
Under \$1M	Private	Kirkville College of Osteopathic Medicine		0.0%	1,028
Under \$1M	Private	Knox College	1,199	100.0%	1,199

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Neither NCAA nor NAIA	No					80	80
Division I-AA	No	Southern	16,000	9,373,651		524	793
Division III	No			187,917		1,682	1,752
Division I-AAA	No			8,640,357		20,669	26,793
Division I-AAA	No			11,171,518	5,615,533	49,627	69,300
Division I-AA	No	Patriot	2,400	14,263,658	4,931,954	98,836	133,211
Division I-A	Yes	ACC	46,000	31,392,171	6,287,762	126,164	304,511
Division I-AA	No	Southern	18,000	7,396,853		944	944
Division I-AAA	No			5,377,514		12,090	36,600
Division I-AA	No	SWAC	19,500	4,294,244		2,200	2,264
Division II	No			2,917,494		368	1,138
Division III	No			307,477		774	1,500
Division III	No			1,672,588		85	143
Division III	No			1,380,018		469	1,027
Neither NCAA nor NAIA	No					872	2,658
Division I-AA	No	Mid-Eastern	14,500	2,180,986		8,994	9,323
Division I-AA	No	Ivy	30,898	12,253,123	31,085,679	281,699	341,810
Division III	No			0		1,032	5,699
Division III	No			855,190		1,000	1,191
Division I-AA	No	Atlantic 10	15,000	9,134,902		649	787
Division III	No			1,742,027		602	922
Division I-AA	No	Mid-Eastern	7,500	7,042,577		25,292	27,254
Division II	No			1,969,564		2,629	5,557
Division I-AA	No	Big Sky	12,000	6,764,218		3,723	8,899
Neither NCAA nor NAIA	No					10,926	13,734
Division I-AA	No	Gateway	15,000	8,184,329		2,108	4,434
Division I-AA	No	Gateway	12,764	6,715,983		251	4,196
Division I-A	Yes	Big Ten	52,354	34,098,051	6,405,222	43,031	91,095
Division II	No			3,215,762		544	731
Division I-AAA	No			3,076,705	4,726,431	64,546	136,642
Neither NCAA nor NAIA	No					3,398	10,533
Neither NCAA nor NAIA	No					0	2,638
Division I-A	Yes	Big 12	50,000	24,970,727	5,589,481	59,976	175,558
Division III	No			2,845,899		2,131	2,565
Division I-AA	No	SWAC	62,500	4,256,683		10,690	12,027
Division I-AA	No	Atlantic 10	12,500	17,209,049		712	1,121
Neither NCAA nor NAIA	No					55	55
Division III	No			1,684,889		1,072	1,072
Division III	No			4,255,334	10,161,967	793,266	901,156
Division II	No			1,894,031		250	287
Division III	No			1,386,694		105	168
Division I-A	Yes	Big 12	42,000	31,165,888	2,426,433	31,185	91,790
Division II	No			2,565,302		249	249
Division I-A	No	Mid American	30,520	12,617,799		7,736	10,817
Division II	No			1,544,454		703	713
Neither NCAA nor NAIA	No					270	625
Neither NCAA nor NAIA	No					542	816
Division III	No			638,498		254	254

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Public	Kutztown University of Pennsylvania	7,033	87.6%	8,033
Under \$1M	Private	La Salle University	3,961	71.2%	5,567
Under \$1M	Private	Lafayette College	2,279	100.0%	2,279
Under \$1M	Private	Lake Forest College	1,251	98.5%	1,270
\$1 - \$5M	Public	Lamar University - Beaumont	10,713	92.8%	11,550
\$1 - \$5M	Public	Langston University	2,780	98.4%	2,826
Under \$1M	Private	Lawrence Technological University	2,975	72.8%	4,087
\$1 - \$5M	Private	Le Moyne-Owen College			NR
\$5 - \$20M	Private	Lehigh University	4,685	72.3%	6,476
Under \$1M	Private	Lewis & Clark College	1,709	56.6%	3,018
\$1 - \$5M	Public	Lincoln University (MO)	3,128	93.5%	3,347
Under \$1M	Public	Lincoln University (PA)	1,322	71.8%	1,842
\$5 - \$20M	Private	Loma Linda University	943	29.9%	3,153
\$1 - \$5M	Private	Long Island University (Multiple campuses)	5,554	71.4%	7,780
Over \$20M	Public	Louisiana State University - Baton Rouge	26,121	82.9%	31,527
Under \$1M	Public	Louisiana State University - Shreveport	3,422	83.3%	4,108
Over \$20M	Public	Louisiana State University Health Sciences Center	767	28.2%	2,720
Under \$1M	Public	Louisiana Tech University	8,921	86.1%	10,363
\$1 - \$5M	Private	Loyola College in Maryland	3,476	56.9%	6,111
Over \$20M	Private	Loyola University Chicago	7,141	56.7%	12,605
Under \$1M	Private	Macalester College	1,794	100.0%	1,794
\$1 - \$5M	Private	Maharishi University of Management	263	35.8%	734
Under \$1M	Private	Manhattan College	2,694	87.8%	3,070
\$1 - \$5M	Private	Marquette University	7,496	68.8%	10,892
\$5 - \$20M	Public	Marshall University	11,621	74.3%	15,640
Under \$1M	Private	Massachusetts College of Pharmacy and Health Sciences	1,427	76.0%	1,877
Over \$20M	Private	Massachusetts Institute of Technology	4,258	42.2%	10,090
Under \$1M	Public	McNeese State University	6,703	88.2%	7,603
Over \$20M	Private	MCP Hahnemann University	591	23.6%	2,500
\$5 - \$20M	Public	Medical College of Georgia	615	31.8%	1,932
\$5 - \$20M	Public	Medical College of Ohio	0	0.0%	974
Over \$20M	Private	Medical College of Wisconsin	0	0.0%	1,181
Over \$20M	Public	Medical University of South Carolina	406	17.3%	2,346
\$5 - \$20M	Private	Meharry Medical College	164	18.1%	905
\$5 - \$20M	Private	Mercer University - Macon	4,305	62.3%	6,908
\$1 - \$5M	Public	Miami University - Oxford	14,957	89.3%	16,757
Over \$20M	Public	Michigan State University	34,342	79.2%	43,366
\$5 - \$20M	Public	Michigan Technological University	5,666	89.4%	6,336
Under \$1M	Public	Middle Tennessee State University	17,247	90.2%	19,121
\$1 - \$5M	Private	Middlebury College	2,292	99.7%	2,298
Under \$1M	Private	Midwestern University (IL)	496	33.1%	1,499
Under \$1M	Private	Milwaukee School of Engineering	2,279	87.0%	2,620
Under \$1M	Public	Minnesota State University - Mankato	11,165	86.9%	12,842
Over \$20M	Public	Mississippi State University	13,307	80.4%	16,561
Under \$1M	Public	Mississippi Valley State University	2,358	87.8%	2,687
Under \$1M	Private	Monmouth University	4,194	74.4%	5,636
Over \$20M	Public	Montana State University - Bozeman	10,441	89.5%	11,666
\$1 - \$5M	Public	Montana Tech of the University of Montana	1,420	94.1%	1,509

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division II	No			3,293,314		84	92
Division I-AA	No	MAAC	7,500	7,257,090		0	126
Division I-AA	No	Patriot	13,750	8,572,960		331	665
Division III	No			605,356		200	399
Division I-AAA	No			3,455,493		2,330	3,204
NAIA	No					2,553	2,553
Neither NCAA nor NAIA	No					121	821
Division II	No			542,307		1,700	1,700
Division I-AA	No	Patriot	16,000	13,124,002		12,726	25,506
Division III	No			1,460,198		392	529
Division II	No			1,872,803		2,502	2,502
Division III	No			238,024		709	709
Neither NCAA nor NAIA	No					18,811	24,369
Division I-AAA	No			5,573,527		1,044	1,267
Division I-A	Yes	SEC	91,027	45,599,420	3,105,874	44,504	173,351
NAIA	No						
Neither NCAA nor NAIA	No					28,482	55,271
Division I-A	No	WAC	30,200	8,689,166		631	928
Division I-AAA	No			6,705,730		1,513	1,724
Division I-AAA	No			6,326,350		20,695	30,034
Division III	No			1,190,270		186	220
Neither NCAA nor NAIA	No					1,213	1,632
Division I-AAA	No			5,349,094		293	509
Division I-AAA	No			6,122,221		3,085	7,653
Division I-A	No	Mid American	38,019	13,409,611		5,618	6,231
Neither NCAA nor NAIA	No					0	96
Division III	No			1,993,416	13,209,051	306,668	426,299
Division I-AA	No	Southland	17,500	4,408,465		512	639
Neither NCAA nor NAIA	No					27,379	41,670
Neither NCAA nor NAIA	No					15,210	45,596
Neither NCAA nor NAIA	No					9,944	13,747
Neither NCAA nor NAIA	No					55,034	70,581
Neither NCAA nor NAIA	No					41,432	65,243
Neither NCAA nor NAIA	No					9,192	9,460
Division I-AAA	No			2,992,337		11,350	18,138
Division I-A	No	Mid American	30,012	14,266,960		2,674	10,674
Division I-A	Yes	Big Ten	72,027	43,227,373	9,014,098	97,112	227,734
Division II	No			4,077,536		16,650	27,204
Division I-A	No	Sun Belt	30,788	9,525,661		478	733
Division III	No			2,356,989		1,371	1,371
Neither NCAA nor NAIA	No					467	2,470
Neither NCAA nor NAIA	No					306	2,020
Division II	No			854,835		175	607
Division I-A	Yes	SEC	40,656	20,083,752	2,742,459	53,808	132,503
Division I-AA	No	SWAC	10,500	2,700,815		834	834
Division I-AA	No	Northeast	4,600	5,859,935		178	357
Division I-AA	No	Big Sky	15,197	9,618,375		30,564	65,324
Neither NCAA nor NAIA	No					2,744	4,155

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Public	Montclair State University	10,188	75.5%	13,502
\$1 - \$5M	Private	Morehouse College	2,970	100.0%	2,970
\$5 - \$20M	Private	Morehouse School of Medicine	0	0.0%	202
\$1 - \$5M	Public	Morgan State University	5,685	90.7%	6,269
Under \$1M	Private	Morris Brown College	2,785	100.0%	2,785
\$1 - \$5M	Private	Mount Holyoke College	2,065	99.8%	2,069
Over \$20M	Private	Mount Sinai School of Medicine	0	0.0%	609
Under \$1M	Public	Murray State University	7,487	82.0%	9,136
Under \$1M	Private	New England College of Optometry	0	0.0%	425
\$5 - \$20M	Public	New Jersey Institute of Technology	5,637	63.9%	8,820
\$5 - \$20M	Public	New Mexico Highlands University	1,888	57.6%	3,275
\$5 - \$20M	Public	New Mexico Institute of Mining and Technology	1,238	79.9%	1,549
Over \$20M	Public	New Mexico State University - Las Cruces	12,453	83.3%	14,958
Under \$1M	Private	New School University	4,746	60.3%	7,867
Under \$1M	Private	New York Institute of Technology (Multiple campuses)	3,052	51.7%	5,898
\$5 - \$20M	Private	New York Medical College	0	0.0%	1,502
Over \$20M	Private	New York University	18,628	50.1%	37,150
Under \$1M	Public	Nicholls State University	6,556	89.5%	7,326
\$1 - \$5M	Public	Norfolk State University	5,890	88.3%	6,668
\$5 - \$20M	Public	North Carolina A&T State University	6,850	88.4%	7,748
Under \$1M	Public	North Carolina Central University	4,057	74.1%	5,476
Over \$20M	Public	North Carolina State University	21,990	76.8%	28,619
\$5 - \$20M	Public	North Dakota State University	8,973	90.6%	9,902
Under \$1M	Public	Northeastern Illinois University	8,324	76.1%	10,941
\$1 - \$5M	Public	Northeastern Ohio Universities College of Medicine	0	0.0%	421
Over \$20M	Private	Northeastern University	19,588	82.0%	23,897
\$5 - \$20M	Public	Northern Arizona University	13,905	69.7%	19,964
\$1 - \$5M	Public	Northern Illinois University	17,151	73.8%	23,248
Under \$1M	Public	Northern Kentucky University	10,838	89.7%	12,080
Over \$20M	Private	Northwestern University	9,013	53.2%	16,952
\$1 - \$5M	Private	Nova Southeastern University	4,110	22.1%	18,587
\$1 - \$5M	Public	Oakland University	12,002	78.8%	15,235
Under \$1M	Private	Oakwood College	1,767	100.0%	1,767
Under \$1M	Private	Oberlin College	2,905	99.2%	2,928
Under \$1M	Private	Occidental College	1,703	98.5%	1,729
Over \$20M	Public	Ohio State University - Columbus	35,749	74.6%	47,952
\$5 - \$20M	Public	Ohio University - Athens	16,712	83.9%	19,920
Under \$1M	Private	Ohio Wesleyan University	1,880	100.0%	1,880
\$5 - \$20M	Public	OHSU - Oregon Graduate Institute Sch of Sci & Eng	0	0.0%	580
Over \$20M	Public	Oklahoma State University - Stillwater	16,574	88.7%	18,676
\$5 - \$20M	Public	Old Dominion University	12,786	67.4%	18,969
Under \$1M	Private	Oral Roberts University	3,132	86.8%	3,607
Over \$20M	Public	Oregon Health & Science University	623	32.7%	1,905
Over \$20M	Public	Oregon State University	13,766	82.1%	16,758
Under \$1M	Private	Pace University (Multiple campuses)	5,755	72.7%	7,911
Under \$1M	Private	Pacific University	1,096	55.4%	1,979
Under \$1M	Private	Pennsylvania College of Optometry	0	0.0%	706
Over \$20M	Public	Pennsylvania State University - Hershey Medical Ctr	0	0.0%	644

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division III	No			977,006		146	396
Division II	No			0		1,843	2,853
Neither NCAA nor NAIA	No					15,419	16,889
Division I-AA	No	Mid-Eastern	7,500	5,186,125		4,371	4,371
Division I-AA	No	Independent	18,000	3,102,318		116	116
Division III	No			0		1,135	1,835
Neither NCAA nor NAIA	No					98,188	149,846
Division I-AA	No	Ohio Valley	16,800	5,555,112		629	2,084
Neither NCAA nor NAIA	No					950	1,228
Division II	No			1,400,733	1,675,981	17,381	47,895
Division II	No			0		8,861	8,947
Neither NCAA nor NAIA	No					8,652	23,636
Division I-A	No	Sun Belt	30,343	9,174,600	1,298,403	57,073	79,695
Neither NCAA nor NAIA	No					873	5,209
Division II	No			203,176		114	390
Neither NCAA nor NAIA	No					17,975	23,348
Division III	No			2,299,448	14,612,750	117,163	182,205
Division I-AA	No	Southland	12,800	3,136,297		14	504
Division I-AA	No	Mid-Eastern	27,700	9,405,842		3,273	3,408
Division I-AA	No	Mid-Eastern	21,000	4,909,868		11,187	13,400
Division II	No			1,251,740		761	808
Division I-A	Yes	ACC	53,500	30,161,429	7,362,337	77,328	277,946
Division II	No			4,055,502		15,463	50,063
Neither NCAA nor NAIA	No					24	184
Neither NCAA nor NAIA	No					2,002	4,011
Division I-AA	No	Atlantic 10	7,000	12,037,873	4,293,225	26,916	35,340
Division I-AA	No	Big Sky	15,300	7,469,792		7,842	12,570
Division I-A	No	Mid American	31,000	11,827,144		3,603	7,431
Division II	No			3,027,656		41	115
Division I-A	Yes	Big Ten	49,256	28,836,971	11,014,441	150,238	245,774
Division III	No			1,360,033		2,060	2,919
Division I-AAA	No			5,210,443		3,033	6,422
NAIA	No					447	567
Division III	No			1,045,022		691	691
Division III	No			1,343,539		545	826
Division I-A	Yes	Big Ten	89,841	74,720,727	11,984,132	132,219	361,399
Division I-A	No	Mid American	20,000	11,495,367		11,695	23,767
Division III	No			1,957,127		185	255
Neither NCAA nor NAIA	No					13,743	18,856
Division I-A	Yes	Big 12	50,614	29,647,338	3,054,107	24,770	88,285
Division I-AAA	No			8,210,125		14,908	25,058
Division I-AAA	No			6,733,883		62	116
Neither NCAA nor NAIA	No					109,165	131,486
Division I-A	Yes	Pac 10	35,362	29,842,603	3,061,474	80,398	140,751
Neither NCAA nor NAIA	No					236	289
Division III	No			553,613		20	264
Neither NCAA nor NAIA	No					525	581
Neither NCAA nor NAIA	No					29,390	55,585

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Over \$20M	Public	Pennsylvania State University - University Park	34,406	84.8%	40,571
Under \$1M	Private	Philadelphia College of Osteopathic Medicine	0	0.0%	1,386
Under \$1M	Private	Philander Smith College	845	100.0%	845
Under \$1M	Public	Pittsburg State University	5,222	81.4%	6,418
Under \$1M	Private	Pitzer College	924	100.0%	924
Under \$1M	Public	Plattsburgh State University	5,377	87.4%	6,153
Under \$1M	Private	Point Loma Nazarene University	2,304	84.3%	2,733
\$5 - \$20M	Private	Polytechnic University	1,775	58.0%	3,059
Under \$1M	Private	Pomona College	1,574	100.0%	1,574
\$1 - \$5M	Private	Ponce School of Medicine	0	0.0%	355
Under \$1M	Private	Pontifical Catholic University of Puerto Rico - Ponce	5,549	74.5%	7,448
\$5 - \$20M	Public	Portland State University	13,625	72.1%	18,889
\$5 - \$20M	Public	Prairie View A&M University	5,285	80.0%	6,609
Over \$20M	Private	Princeton University	4,663	71.2%	6,547
Under \$1M	Private	Providence College	4,405	82.6%	5,336
Over \$20M	Public	Purdue University - West Lafayette	32,669	82.4%	39,667
Under \$1M	Public	Radford University	7,622	86.3%	8,837
Under \$1M	Private	Reed College	1,366	98.6%	1,385
Under \$1M	Private	Regis University	5,446	59.7%	9,129
Over \$20M	Private	Rensselaer Polytechnic Institute	5,167	64.4%	8,022
Over \$20M	Private	Rice University	2,692	64.0%	4,205
Under \$1M	Private	Rider University	4,178	79.2%	5,274
\$1 - \$5M	Private	Rochester Institute of Technology	11,786	83.6%	14,106
Over \$20M	Private	Rockefeller University	0	0.0%	151
Under \$1M	Private	Rose-Hulman Institute of Technology	1,581	91.7%	1,725
Over \$20M	Private	Rush University	177	13.8%	1,282
Under \$1M	Private	Rust College	853	100.0%	853
\$1 - \$5M	Public	Rutgers the State University of NJ - Camden	3,717	72.4%	5,136
Over \$20M	Public	Rutgers the State University of NJ - New Brunswick	27,938	79.3%	35,236
\$5 - \$20M	Public	Rutgers the State University of NJ - Newark	5,873	62.8%	9,352
Under \$1M	Private	Saint Joseph's University	4,517	64.9%	6,961
Over \$20M	Private	Saint Louis University - St. Louis	9,821	70.9%	13,847
Under \$1M	Private	Salem International University	557	92.7%	601
\$1 - \$5M	Public	Sam Houston State University	10,855	87.8%	12,358
Over \$20M	Public	San Diego State University	25,658	81.2%	31,609
\$1 - \$5M	Public	San Francisco State University	20,365	75.9%	26,826
\$5 - \$20M	Public	San Jose State University	20,711	77.6%	26,698
Under \$1M	Private	Santa Clara University	4,308	58.6%	7,356
Under \$1M	Public	Savannah State University	2,070	95.6%	2,166
Under \$1M	Private	Seton Hall University	5,403	54.5%	9,920
Under \$1M	Private	Shaw University	2,394	94.7%	2,527
Under \$1M	Private	Simmons College	1,186	34.0%	3,488
Under \$1M	Private	Skidmore College	2,451	97.9%	2,503
Under \$1M	Private	Smith College	2,630	84.5%	3,113
Under \$1M	Public	Sonoma State University	6,211	83.9%	7,402
\$1 - \$5M	Public	South Carolina State University	3,639	80.4%	4,525
\$1 - \$5M	Public	South Dakota School of Mines and Technology	1,995	86.5%	2,307
\$5 - \$20M	Public	South Dakota State University	7,448	85.7%	8,695

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division I-A	Yes	Big Ten	93,967	54,931,910	9,303,652	196,684	371,990
Neither NCAA nor NAIA	No					392	930
NAIA	No					72	72
Division II	No			2,912,078		247	1,663
Division III	No			0		299	383
Division III	No			2,335,198		610	996
NAIA	No					83	165
Division III	No			122,836		8,200	15,500
Division III	No			1,466,346		678	1,791
Neither NCAA nor NAIA	No					3,257	3,403
Neither NCAA nor NAIA	No					85	85
Division I-AA	No	Big Sky	19,000	7,157,932		11,217	16,494
Division I-AA	No	SWAC	6,000	2,140,466		7,679	9,464
Division I-AA	No	Ivy	27,773	7,943,679	12,282,379	74,681	134,875
Division I-AAA	No			11,465,534		29	86
Division I-A	Yes	Big Ten	67,861	36,579,006	7,398,698	92,010	234,536
Division I-AAA	No			4,316,421		444	624
Neither NCAA nor NAIA	No					391	716
Division II	No			2,252,532		69	208
Division III	No			3,208,862	2,731,838	25,555	40,762
Division I-A	No	WAC	31,545	18,554,920	5,333,456	35,144	41,840
Division I-AAA	No			5,915,915		225	891
Division III	No			0		2,664	4,755
Neither NCAA nor NAIA	No					45,211	124,138
Division III	No			1,863,144		420	4,994
Neither NCAA nor NAIA	No					32,573	68,189
Division III	No			101,330		138	138
Division III	No			668,797		1,594	4,505
Division I-A	Yes	Big East	42,000	30,134,855		70,943	200,489
Division III	No			1,016,659		7,174	20,274
Division I-AAA	No			5,534,182		797	975
Division I-AAA	No			7,453,043	3,000,304	26,453	31,002
Division II	No			0		239	762
Division I-AA	No	Southland	14,000	4,399,756		2,128	3,053
Division I-A	No	Mountain West	71,294	18,653,979		22,802	55,002
Division II	No			2,825,529		4,561	5,223
Division I-A	No	WAC	30,578	11,608,306		11,825	21,005
Division I-AAA	No			9,448,081		574	2,509
Division I-AA	No	Independent	7,500	1,183,227		905	905
Division I-AAA	No			10,442,451		996	996
Division II	No			1,232,072		100	100
Division III	No			0		74	912
Division III	No			1,148,431		67	314
Division III	No			0		774	2,582
Division II	No			2,044,064		33	150
Division I-AA	No	Mid-Eastern	14,000	4,356,500		1,988	2,915
NAIA	No					4,127	5,743
Division II	No			2,270,112		7,448	16,784

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Public	Southeast Missouri State University	7,758	86.7%	8,948
Under \$1M	Public	Southeastern Louisiana University	12,916	88.9%	14,525
Under \$1M	Private	Southern College of Optometry	0	0.0%	481
Under \$1M	Public	Southern Connecticut State University	8,080	66.6%	12,127
\$5 - \$20M	Public	Southern Illinois University - Carbondale	17,788	78.9%	22,552
Under \$1M	Public	Southern Illinois University - Edwardsville	9,576	78.5%	12,193
\$5 - \$20M	Private	Southern Methodist University	5,662	56.3%	10,064
Under \$1M	Public	Southern Oregon University	4,879	88.8%	5,493
Under \$1M	Public	Southern University - New Orleans	3,573	89.3%	3,999
\$5 - \$20M	Public	Southern University and A&M College	7,769	82.2%	9,449
Under \$1M	Public	Southwest Missouri State University	14,699	83.0%	17,703
\$1 - \$5M	Public	Southwest Texas State University	19,412	86.6%	22,423
Under \$1M	Private	Spalding University	1,098	67.3%	1,632
\$1 - \$5M	Private	Spelman College			NR
Under \$1M	Public	St. Cloud State University	13,949	91.9%	15,181
Under \$1M	Private	St. John's University (NY)	14,229	76.4%	18,621
Under \$1M	Public	St. Mary's College of Maryland	1,547	100.0%	1,547
Under \$1M	Private	St. Mary's University	2,618	63.3%	4,137
Under \$1M	Private	St. Olaf College	3,014	100.0%	3,014
Over \$20M	Private	Stanford University	7,886	42.5%	18,549
\$1 - \$5M	Public	State Univ. of New York - Coll of Enviro Sci and Forestry	1,166	66.7%	1,749
Under \$1M	Public	State Univ. of New York - College at Brockport	6,751	79.2%	8,524
Under \$1M	Public	State Univ. of New York - College at Buffalo	9,386	82.3%	11,399
Under \$1M	Public	State Univ. of New York - College at Cortland	5,648	78.7%	7,178
Under \$1M	Public	State Univ. of New York - College at Fredonia	4,743	93.3%	5,086
Under \$1M	Public	State Univ. of New York - College at Geneseo	5,197	94.9%	5,477
\$1 - \$5M	Public	State Univ. of New York - College at Old Westbury	2,995	100.0%	2,995
Under \$1M	Public	State Univ. of New York - College at Oswego	6,989	85.8%	8,149
Under \$1M	Public	State Univ. of New York - College at Purchase	3,940	96.6%	4,077
Under \$1M	Public	State Univ. of New York - College of Optometry	0	0.0%	289
Over \$20M	Public	State Univ. of New York Health Science Ctr - Brooklyn	398	27.1%	1,470
\$5 - \$20M	Public	State Univ. of New York Upstate Medical University	223	20.3%	1,096
Under \$1M	Public	State University of West Georgia	7,109	79.4%	8,959
Under \$1M	Public	Stephen F. Austin State University	10,246	89.2%	11,484
\$5 - \$20M	Private	Stevens Institute of Technology	1,599	38.8%	4,121
Under \$1M	Public	Sul Ross State University - Alpine	1,990	70.1%	2,838
Under \$1M	Private	Swarthmore College	1,428	100.0%	1,428
Over \$20M	Private	Syracuse University	12,386	68.1%	18,186
\$1 - \$5M	Public	Tarleton State University	6,222	82.5%	7,545
\$5 - \$20M	Private	Teachers College at Columbia University	0	0.0%	4,949
Over \$20M	Public	Temple University	18,394	64.9%	28,355
\$5 - \$20M	Public	Tennessee State University	7,142	82.7%	8,640
\$1 - \$5M	Public	Tennessee Technological University	6,876	81.8%	8,410
Over \$20M	Public	Texas A&M University	36,229	82.3%	44,026
Under \$1M	Public	Texas A&M University - Commerce	4,362	58.1%	7,508
\$1 - \$5M	Public	Texas A&M University - Corpus Christi	5,329	78.1%	6,823
\$1 - \$5M	Public	Texas A&M University - Kingsville	4,822	81.1%	5,948
\$5 - \$20M	Public	Texas A&M University System Health Sciences Center	61	6.0%	1,014

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division I-AA	No	Ohio Valley	10,000	5,912,399		173	233
Division I-AAA	No			2,459,589		629	1,057
Neither NCAA nor NAIA	No					0	65
Division II	No			1,888,345		215	596
Division I-AA	No	Gateway	17,324	7,641,345		10,130	36,354
Division II	No			1,753,859		200	1,344
Division I-A	No	WAC	68,252	18,753,259		6,302	9,713
NAIA	No					253	301
NAIA	No					60	183
Division I-AA	No	SWAC	24,000	7,164,980		6,418	8,302
Division I-AA	No	Gateway	16,300	10,228,898		484	1,324
Division I-AA	No	Southland	15,218	7,551,545		3,519	4,507
NAIA	No					441	462
Division III	No			0		1,978	2,082
Division II	No			0		987	1,935
Division I-AA	No	MAAC	3,000	4,910,263		938	1,184
Division III	No			112,647		378	447
Division II	No			2,035,599		62	287
Division III	No			0		530	544
Division I-A	Yes	Pac 10	85,500	56,482,972	16,765,341	367,127	454,780
Neither NCAA nor NAIA	No					4,332	26,663
Division III	No			970,056		344	722
Division III	No			0		577	1,683
Division III	No			2,002,252		233	362
Division III	No			2,076,450		120	194
Division III	No			1,360,607		389	686
Neither NCAA nor NAIA	No					1,067	1,310
Division III	No			870,385		587	744
Neither NCAA nor NAIA	No					139	139
Neither NCAA nor NAIA	No					698	1,001
Neither NCAA nor NAIA	No					22,860	31,626
Neither NCAA nor NAIA	No					8,461	17,095
Division II	No			1,399,865		900	1,655
Division I-AA	No	Southland	14,575	5,519,898		521	5,289
Division III	No			735,139		8,785	15,879
Division III	No			295,329		228	796
Division III	No			2,071,989		586	996
Division I-A	Yes	Big East	51,000	38,458,514	5,216,115	29,630	39,468
Division II	No			4,205,738		1,426	3,872
Neither NCAA nor NAIA	No					5,613	8,561
Division I-A	Yes	Big East	65,352	19,857,332	5,402,485	38,213	52,466
Division I-AA	No	Ohio Valley	67,000	6,300,338		8,873	11,285
Division I-AA	No	Ohio Valley	16,500	5,494,096		1,452	8,878
Division I-A	Yes	Big 12	80,322	43,222,386	12,118,238	149,639	397,268
Division II	No			1,766,054		157	327
Division I-AAA	No			3,156,408		1,363	5,999
Division II	No			1,902,737		2,179	7,404
Neither NCAA nor NAIA	No					14,321	25,736

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
\$1 - \$5M	Private	Texas Christian University	6,675	85.9%	7,775
\$1 - \$5M	Public	Texas Southern University	5,124	74.4%	6,886
Over \$20M	Public	Texas Tech University	20,518	83.5%	24,558
\$1 - \$5M	Public	Texas Woman's University	4,476	53.3%	8,404
Over \$20M	Private	Thomas Jefferson University	769	34.1%	2,256
Under \$1M	Private	Tougaloo College	1,000	100.0%	1,000
Under \$1M	Public	Towson University	13,905	83.1%	16,729
Under \$1M	Private	Trinity College (CT)	2,100	93.5%	2,246
Under \$1M	Private	Trinity University	2,356	91.6%	2,571
Under \$1M	Public	Truman State University	5,812	95.1%	6,111
Over \$20M	Private	Tufts University	4,886	53.7%	9,106
Over \$20M	Private	Tulane University	7,353	63.1%	11,652
\$5 - \$20M	Private	Tuskegee University	2,467	87.3%	2,826
\$5 - \$20M	Public	Uniformed Services University of the Health Sciences	0	0.0%	843
Under \$1M	Private	Union College (NY)	2,124	87.1%	2,439
Under \$1M	Private	Union Institute	690	38.1%	1,812
\$5 - \$20M	Private	Universidad Central Del Caribe	18	6.3%	287
Over \$20M	Public	University at Albany	11,780	70.3%	16,751
Over \$20M	Public	University at Buffalo	16,683	67.2%	24,830
Over \$20M	Public	University at Stony Brook	13,257	66.5%	19,924
\$5 - \$20M	Public	University of Akron - Akron	17,394	81.4%	21,363
Over \$20M	Public	University of Alabama - Birmingham	10,331	69.1%	14,951
Over \$20M	Public	University of Alabama - Huntsville	5,220	79.5%	6,563
\$5 - \$20M	Public	University of Alabama - Tuscaloosa	15,318	79.5%	19,277
\$1 - \$5M	Public	University of Alaska - Anchorage	14,161	95.7%	14,794
Over \$20M	Public	University of Alaska - Fairbanks	6,359	89.2%	7,132
Under \$1M	Public	University of Alaska - Southeast	3,353	96.6%	3,470
Over \$20M	Public	University of Arizona	26,404	76.6%	34,488
Over \$20M	Public	University of Arkansas - Fayetteville	12,502	81.5%	15,346
\$1 - \$5M	Public	University of Arkansas - Little Rock	8,283	75.5%	10,968
\$1 - \$5M	Public	University of Arkansas - Pine Bluff	2,926	96.2%	3,042
Over \$20M	Public	University of Arkansas for Medical Sciences	599	32.3%	1,855
Over \$20M	Public	University of California - Berkeley	22,678	72.5%	31,277
Over \$20M	Public	University of California - Davis	20,388	78.1%	26,094
Over \$20M	Public	University of California - Irvine	16,223	80.3%	20,211
Over \$20M	Public	University of California - Los Angeles	25,011	67.8%	36,890
Over \$20M	Public	University of California - Riverside	11,436	87.9%	13,015
Over \$20M	Public	University of California - San Diego	16,496	81.7%	20,197
Over \$20M	Public	University of California - San Francisco	93	2.6%	3,517
Over \$20M	Public	University of California - Santa Barbara	17,538	87.9%	19,962
Over \$20M	Public	University of California - Santa Cruz	11,075	91.2%	12,144
Under \$1M	Public	University of Central Arkansas	7,471	88.1%	8,481
\$5 - \$20M	Public	University of Central Florida	28,252	83.8%	33,713
Under \$1M	Public	University of Central Oklahoma	11,790	83.6%	14,099
Over \$20M	Private	University of Chicago	4,008	32.0%	12,531
Over \$20M	Public	University of Cincinnati - Cincinnati	20,039	73.3%	27,327
Over \$20M	Public	University of Colorado - Boulder	23,612	80.4%	29,352
Under \$1M	Public	University of Colorado - Colorado Springs	4,967	74.5%	6,666

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division I-A	No	Conference USA	46,000	13,235,255		2,441	3,050
Division I-AA	No	SWAC	33,000	6,191,198		1,844	2,182
Division I-A	Yes	Big 12	50,000	28,562,604	2,840,830	21,481	68,224
Division II	No			826,403		1,440	3,005
Neither NCAA nor NAIA	No					67,448	89,626
NAIA	No					473	895
Division I-AA	No	Patriot	11,000	8,742,941		846	2,138
Division III	No			2,340,274		326	1,010
Division III	No			1,573,380		746	1,241
Division II	No			2,600,946		174	738
Division III	No			1,389,956	4,105,433	64,677	105,783
Division I-A	No	Conference USA	72,968	18,742,498	4,077,117	52,080	89,785
Division II	No			2,433,774		6,694	8,893
Neither NCAA nor NAIA	No					11,023	23,987
Division III	No			2,140,431		553	1,002
Neither NCAA nor NAIA	No					0	1,217
Neither NCAA nor NAIA	No					5,347	5,677
Division I-AA	No	Northeast	10,000	6,878,497	1,418,541	62,059	82,792
Division I-A	No	Mid American	31,000	13,354,980	4,912,421	96,410	187,692
Division I-AA	No	Northeast	7,500	9,863,315	3,662,070	96,641	163,307
Division I-A	No	Mid American	35,202	9,500,205		7,081	19,495
Division I-A	No	Conference USA	83,091	13,220,611	3,824,965	175,309	233,461
Division II	No			2,574,458	537,786	25,939	41,274
Division I-A	Yes	SEC	83,818	43,494,195		19,486	31,847
Division II	No			5,042,954		2,537	4,782
Division II	No			3,094,747		46,605	102,500
Neither NCAA nor NAIA	No					99	135
Division I-A	Yes	Pac 10	57,803	33,222,050	7,218,698	187,161	345,090
Division I-A	Yes	SEC	72,000	54,614,960		20,778	70,817
Division I-AAA	No			4,982,605		3,400	3,400
Division I-AA	No	SWAC	13,972	2,616,764		2,911	4,151
Neither NCAA nor NAIA	No					29,962	49,074
Division I-A	Yes	Pac 10	75,662	36,963,823	14,544,571	208,338	518,514
Division II	No			6,723,075	7,977,637	141,740	364,789
Division I-AAA	No			9,792,292	4,398,419	88,274	158,437
Division I-A	Yes	Pac 10	102,083	40,543,974	15,542,696	274,162	530,826
Division I-AAA	No			5,827,372		21,085	83,580
Division II	No			3,712,606	7,157,516	326,037	518,559
Neither NCAA nor NAIA	No					248,878	443,013
Division I-AAA	No			4,826,507	2,949,149	80,754	118,154
Division III	No			372,297	2,512,546	25,959	56,212
Division II	No			3,556,851		820	1,758
Division I-A	No	Mid American	70,188	7,658,461		13,801	47,646
Division II	No			1,558,331		9	509
Division III	No			1,626,362	9,287,782	140,872	170,678
Division I-A	No	Conference USA	35,000	19,767,059	5,012,462	110,475	172,085
Division I-A	Yes	Big 12	51,748	30,862,639	2,976,175	178,777	207,973
Division II	No			1,039,939			

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
\$1 - \$5M	Public	University of Colorado - Denver	8,093	58.9%	13,737
Over \$20M	Public	University of Colorado Health Sciences Center	411	17.1%	2,399
Over \$20M	Public	University of Connecticut - Health Center		0.0%	486
Over \$20M	Public	University of Connecticut - Storrs	13,251	68.3%	19,393
Under \$1M	Private	University of Dallas	1,200	32.1%	3,738
Over \$20M	Private	University of Dayton	7,138	69.2%	10,318
Over \$20M	Public	University of Delaware	16,110	84.5%	19,072
\$5 - \$20M	Private	University of Denver	3,992	42.3%	9,444
Under \$1M	Private	University of Detroit Mercy	3,830	63.6%	6,023
Under \$1M	Private	University of Findlay	3,459	76.7%	4,510
Over \$20M	Public	University of Florida	32,680	72.4%	45,114
Over \$20M	Public	University of Georgia	24,213	77.4%	31,288
\$1 - \$5M	Public	University of Guam	3,123	86.9%	3,592
Under \$1M	Private	University of Hartford	5,367	77.8%	6,895
Over \$20M	Public	University of Hawaii - Manoa	11,721	67.9%	17,263
Under \$1M	Private	University of Health Sciences	0	0.0%	871
\$5 - \$20M	Public	University of Houston - Clear Lake	3,946	52.1%	7,580
Under \$1M	Public	University of Houston - Downtown	8,932	99.8%	8,951
Over \$20M	Public	University of Houston - University Park	24,350	75.8%	32,123
Over \$20M	Public	University of Idaho	8,759	75.3%	11,635
Over \$20M	Public	University of Illinois - Chicago	16,140	64.7%	24,942
Under \$1M	Public	University of Illinois - Springfield	2,118	53.7%	3,942
Over \$20M	Public	University of Illinois - Urbana-Champaign	28,414	73.9%	38,465
Over \$20M	Public	University of Iowa	19,284	68.1%	28,311
Over \$20M	Public	University of Kansas - Lawrence	19,698	76.0%	25,920
Over \$20M	Public	University of Kansas Medical Center	452	18.8%	2,409
Over \$20M	Public	University of Kentucky	16,897	73.1%	23,114
\$5 - \$20M	Public	University of Louisiana - Lafayette	14,091	89.5%	15,742
\$1 - \$5M	Public	University of Louisiana - Monroe	8,033	85.4%	9,405
\$5 - \$20M	Public	University of Louisville	14,464	73.2%	19,771
Over \$20M	Public	University of Maine - Orono	8,220	79.9%	10,282
Over \$20M	Public	University of Maryland - Baltimore	750	14.1%	5,337
Over \$20M	Public	University of Maryland - Baltimore County	9,101	84.6%	10,759
Over \$20M	Public	University of Maryland - College Park	24,638	74.2%	33,189
\$1 - \$5M	Public	University of Maryland - Eastern Shore	2,969	90.1%	3,297
\$5 - \$20M	Public	University of Maryland Biotechnology Institute			NR
\$5 - \$20M	Public	University of Maryland Center for Environmental Science			NR
Over \$20M	Public	University of Massachusetts - Amherst	19,061	78.1%	24,416
\$1 - \$5M	Public	University of Massachusetts - Boston	10,442	78.2%	13,346
\$1 - \$5M	Public	University of Massachusetts - Dartmouth	6,423	90.2%	7,122
\$5 - \$20M	Public	University of Massachusetts - Lowell	9,543	78.3%	12,189
Over \$20M	Public	University of Massachusetts Medical Sch - Worcester	0	0.0%	664
Over \$20M	Public	University of Medicine & Dentistry of New Jersey	829	17.8%	4,666
\$5 - \$20M	Public	University of Memphis	15,296	76.5%	19,986
Over \$20M	Private	University of Miami	8,955	64.1%	13,963
Over \$20M	Public	University of Michigan - Ann Arbor	24,412	64.1%	38,103
Over \$20M	Public	University of Minnesota - Twin Cities	31,824	70.0%	45,481
\$5 - \$20M	Public	University of Mississippi - Oxford	9,608	79.3%	12,118

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Neither NCAA nor NAIA	No					2,027	3,101
Neither NCAA nor NAIA	No					119,590	142,454
Neither NCAA nor NAIA	No					37,702	70,877
Division I-A	No	Independent	38,500	35,530,366	5,050,181	28,442	90,207
Division III	No			640,331		0	60
Division I-AA	No	Pioneer	11,000	10,392,525	1,701,709	31,717	39,345
Division I-AA	No	Atlantic 10	22,000	11,233,197	4,730,989	37,716	74,711
Division I-AAA	No			14,151,656		7,439	8,383
Division I-AAA	No			4,908,173		314	1,767
Division II	No			567,024		275	350
Division I-A	Yes	SEC	83,000	60,102,194	10,086,107	120,374	313,692
Division I-A	Yes	SEC	86,117	41,899,624	7,848,401	62,678	258,476
Neither NCAA nor NAIA	No					3,165	4,130
Division I-AAA	No			6,343,791		629	1,061
Division I-A	No	WAC	50,000	18,339,130	3,367,968	95,419	161,300
Neither NCAA nor NAIA	No					0	677
Neither NCAA nor NAIA	No					6,383	7,091
Neither NCAA nor NAIA	No					660	837
Division I-A	No	Conference USA	33,000	11,823,335	1,975,541	21,365	48,902
Division I-A	No	Sun Belt	37,600	9,477,279	1,982,995	23,014	61,347
Division I-AAA	No			7,242,746	5,088,163	101,943	195,839
NAIA	No					182	910
Division I-A	Yes	Big Ten	70,904	40,924,711	7,688,917	193,490	373,024
Division I-A	Yes	Big Ten	70,387	42,600,258	5,931,823	140,764	236,944
Division I-A	Yes	Big 12	50,250	32,651,030	3,552,901	40,114	85,825
Neither NCAA nor NAIA	No					28,836	62,845
Division I-A	Yes	SEC	57,800	42,399,883	6,279,830	73,858	202,392
Division I-A	No	Sun Belt	31,000	6,374,070		12,164	32,692
Division I-A	No	Sun Belt	30,427	5,012,643		2,824	8,135
Division I-A	No	Conference USA	45,000	30,156,557		17,713	64,062
Division I-AA	No	Atlantic 10	10,000	9,783,572		24,412	54,821
Neither NCAA nor NAIA	No					91,212	224,346
Division I-AAA	No			6,884,693		20,244	26,044
Division I-A	Yes	ACC	46,000	34,650,662	6,854,250	136,605	252,429
Division I-AAA	No			2,434,575		3,895	3,895
Neither NCAA nor NAIA	No					11,157	29,946
Neither NCAA nor NAIA	No					10,805	31,605
Division I-AA	No	Atlantic 10	17,000	17,297,591	4,502,846	44,697	97,052
Division III	No			1,012,153		3,378	12,058
Division III	No			1,923,110		3,228	6,905
Division II	No			2,857,856		9,905	19,334
Neither NCAA nor NAIA	No					64,212	97,587
Neither NCAA nor NAIA	No					75,318	140,951
Division I-A	No	Conference USA	62,380	20,155,820		11,177	27,381
Division I-A	Yes	Big East	74,177	37,082,169	6,019,224	106,633	145,795
Division I-A	Yes	Big Ten	107,501	56,228,026	17,168,890	364,033	551,556
Division I-A	Yes	Big Ten	64,035	46,222,739	15,788,043	229,958	411,380
Division I-A	Yes	SEC	50,577	22,425,347		19,711	31,427

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
\$5 - \$20M	Public	University of Mississippi Medical Center	603	36.0%	1,674
Over \$20M	Public	University of Missouri - Columbia	18,058	77.5%	23,309
\$5 - \$20M	Public	University of Missouri - Kansas City	8,091	63.4%	12,762
\$5 - \$20M	Public	University of Missouri - Rolla	3,698	79.9%	4,626
\$1 - \$5M	Public	University of Missouri - St. Louis	12,737	82.7%	15,397
Under \$1M	Public	University of Missouri Systems Office			NA
\$5 - \$20M	Public	University of Montana - Missoula	10,666	85.9%	12,413
Under \$1M	Public	University of Nebraska - Kearney	5,502	84.6%	6,506
Over \$20M	Public	University of Nebraska - Lincoln	17,968	80.7%	22,268
\$1 - \$5M	Public	University of Nebraska - Omaha	10,694	79.3%	13,479
\$5 - \$20M	Public	University of Nebraska Medical Center	639	23.7%	2,695
\$5 - \$20M	Public	University of Nevada - Las Vegas	17,327	78.6%	22,041
Over \$20M	Public	University of Nevada - Reno	10,134	77.1%	13,149
Over \$20M	Public	University of New Hampshire - Durham	11,899	81.0%	14,689
Under \$1M	Private	University of New Haven	2,537	58.3%	4,349
Over \$20M	Public	University of New Mexico - Albuquerque	16,414	69.3%	23,670
\$5 - \$20M	Public	University of New Orleans	12,260	75.6%	16,218
Under \$1M	Public	University of North Carolina - Asheville	3,245	98.6%	3,292
Over \$20M	Public	University of North Carolina - Chapel Hill	15,608	62.7%	24,892
\$5 - \$20M	Public	University of North Carolina - Charlotte	14,388	83.5%	17,241
\$1 - \$5M	Public	University of North Carolina - Greensboro	10,109	77.0%	13,125
\$5 - \$20M	Public	University of North Carolina - Wilmington	9,343	92.5%	10,100
\$5 - \$20M	Public	University of North Dakota	9,122	82.7%	11,031
\$1 - \$5M	Public	University of North Texas	21,059	77.8%	27,054
\$5 - \$20M	Public	University of North Texas Health Science Ctr - Fort Worth	0	0.0%	729
Under \$1M	Public	University of Northern Colorado	10,213	83.5%	12,234
Under \$1M	Public	University of Northern Iowa	12,413	88.0%	14,106
Over \$20M	Private	University of Notre Dame	8,038	74.4%	10,800
Over \$20M	Public	University of Oklahoma - Norman	17,771	73.4%	24,205
Over \$20M	Public	University of Oklahoma Health Sciences Center	601	21.8%	2,759
Over \$20M	Public	University of Oregon	14,076	79.1%	17,801
Over \$20M	Private	University of Pennsylvania	11,686	53.5%	21,853
Over \$20M	Public	University of Pittsburgh - Pittsburgh	17,424	66.2%	26,329
Under \$1M	Private	University of Portland	2,512	85.9%	2,926
\$5 - \$20M	Public	University of Puerto Rico - Mayaguez	11,564	93.2%	12,414
\$5 - \$20M	Public	University of Puerto Rico - Medical Sciences	1,024	37.4%	2,739
\$5 - \$20M	Public	University of Puerto Rico - Rio Piedras	17,910	83.2%	21,539
Over \$20M	Public	University of Rhode Island	10,647	74.1%	14,362
Under \$1M	Private	University of Richmond	3,652	84.4%	4,325
Over \$20M	Private	University of Rochester	4,480	55.5%	8,071
Under \$1M	Private	University of San Diego	4,793	69.0%	6,943
Under \$1M	Private	University of San Francisco	4,664	58.9%	7,917
\$5 - \$20M	Public	University of South Alabama - Mobile	9,232	79.1%	11,673
Over \$20M	Public	University of South Carolina - Columbia	15,266	64.3%	23,728
\$1 - \$5M	Public	University of South Dakota	5,147	68.7%	7,487
Over \$20M	Public	University of South Florida	27,384	77.0%	35,561
Over \$20M	Private	University of Southern California	15,705	53.8%	29,194
Under \$1M	Public	University of Southern Colorado	5,303	95.9%	5,531

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Neither NCAA nor NAIA	No					8,396	13,500
Division I-A	Yes	Big 12	62,000	33,817,869	4,732,852	65,420	158,861
Division I-AAA	No			5,365,114		7,490	19,647
Division II	No			1,764,484		9,804	25,968
Division II	No			2,117,961		4,523	9,898
Neither NCAA nor NAIA	No					0	219
Division I-AA	No	Big Sky	18,845	9,723,424		18,378	29,590
Division II	No			2,764,939		49	146
Division I-A	Yes	Big 12	72,700	47,219,325	6,369,678	37,831	136,023
Division II	No			6,442,033		2,403	4,923
Neither NCAA nor NAIA	No					19,878	51,547
Division I-A	No	Mountain West	40,000	21,215,567		13,815	24,215
Division I-A	No	WAC	31,545	12,213,800	2,436,569	26,267	56,248
Division I-AA	No	Atlantic 10	9,571	14,862,535	1,897,186	38,921	72,108
Division II	No			3,534,366		19	198
Division I-A	No	Mountain West	31,218	20,302,031	2,744,033	100,442	133,980
Division I-AAA	No			4,215,867		16,021	22,611
Division I-AAA	No			2,419,596		227	861
Division I-A	Yes	ACC	60,000	39,590,854	10,957,189	194,794	269,072
Division I-AAA	No			7,225,694		5,380	7,790
Division I-AAA	No			5,402,193		1,535	2,368
Division I-AAA	No			6,488,019		5,336	7,859
Division II	No			5,115,714		13,880	17,343
Division I-A	No	Sun Belt	30,000	9,531,629		3,618	9,108
Neither NCAA nor NAIA	No					5,799	10,131
Division II	No			3,612,484		982	1,128
Division I-AA	No	Gateway	16,324	7,332,556		378	1,744
Division I-A	No	Independent	80,225	44,744,384	7,138,400	27,362	34,524
Division I-A	Yes	Big 12	72,765	43,487,739	2,265,372	36,931	95,068
Neither NCAA nor NAIA	No					23,611	55,834
Division I-A	Yes	Pac 10	41,698	33,529,872	2,455,823	30,793	35,934
Division I-AA	No	Ivy	52,958	7,844,574	16,588,367	312,434	430,389
Division I-A	Yes	Big East	59,594	26,103,561	6,809,747	228,155	294,809
Division I-AAA	No			6,714,246		235	552
Division II	No			887,721		11,837	34,683
Neither NCAA nor NAIA	No					16,657	21,373
Division II	No			73,635		5,620	9,308
Division I-AA	No	Atlantic 10	6,470	12,194,964	1,907,280	38,538	48,135
Division I-AA	No	Atlantic 10	21,319	12,778,064		849	1,178
Division III	No			2,533,377	4,371,339	150,593	197,335
Division I-AA	No	Pioneer	6,000	7,092,256		422	545
Division I-AAA	No			7,466,869		400	700
Division I-AAA	No			5,530,577		8,276	9,865
Division I-A	Yes	SEC	80,000	36,368,667	3,974,906	51,872	104,398
Division II	No			3,580,293		2,084	4,742
Division I-A	No	Conference USA	65,000	13,666,671	3,984,177	50,557	145,397
Division I-A	Yes	Pac 10	92,000	42,691,744	13,208,765	210,872	300,445
Division II	No			1,212,881		370	724

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
Under \$1M	Public	University of Southern Maine	8,726	80.6%	10,820
\$5 - \$20M	Public	University of Southern Mississippi	12,143	83.7%	14,509
\$1 - \$5M	Public	University of Tennessee - Chattanooga	6,993	84.1%	8,319
Over \$20M	Public	University of Tennessee - Knoxville	20,009	77.3%	25,890
Over \$20M	Public	University of Tennessee Health Science Center	150	7.2%	2,069
\$5 - \$20M	Public	University of Texas - Arlington	15,449	75.6%	20,424
Over \$20M	Public	University of Texas - Austin	38,162	76.3%	49,996
\$5 - \$20M	Public	University of Texas - Dallas	6,560	59.9%	10,945
\$5 - \$20M	Public	University of Texas - El Paso	12,955	85.1%	15,224
\$1 - \$5M	Public	University of Texas - Pan American	11,186	87.7%	12,759
\$5 - \$20M	Public	University of Texas - San Antonio	16,026	85.1%	18,830
Over \$20M	Public	University of Texas Health Science Center - Houston	264	8.4%	3,143
Over \$20M	Public	University of Texas Health Science Ctr - San Antonio	762	30.0%	2,543
Over \$20M	Public	University of Texas MD Anderson Cancer Center			NR
Over \$20M	Public	University of Texas Medical Branch - Galveston	653	33.9%	1,927
Over \$20M	Public	University of Texas SW Medical Center - Dallas	239	15.9%	1,505
\$1 - \$5M	Public	University of the District of Columbia	5,008	93.5%	5,358
Under \$1M	Private	University of the Pacific	3,093	55.1%	5,609
Under \$1M	Private	University of the Sciences in Philadelphia	577	29.9%	1,927
\$1 - \$5M	Public	University of the Virgin Islands	1,275	93.2%	1,368
\$5 - \$20M	Public	University of Toledo	15,950	81.8%	19,491
\$5 - \$20M	Private	University of Tulsa	2,874	69.1%	4,158
Over \$20M	Public	University of Utah	19,718	79.0%	24,948
Over \$20M	Public	University of Vermont	8,618	85.2%	10,118
Over \$20M	Public	University of Virginia	13,712	61.2%	22,411
Over \$20M	Public	University of Washington - Seattle	25,987	71.9%	36,139
\$1 - \$5M	Public	University of West Florida	6,753	79.6%	8,479
Under \$1M	Public	University of Wisconsin - Eau Claire	10,165	95.5%	10,647
Under \$1M	Public	University of Wisconsin - Green Bay	5,349	94.6%	5,657
\$1 - \$5M	Public	University of Wisconsin - La Crosse	8,465	90.0%	9,409
Over \$20M	Public	University of Wisconsin - Madison	29,697	73.0%	40,658
\$5 - \$20M	Public	University of Wisconsin - Milwaukee	19,246	81.6%	23,578
Under \$1M	Public	University of Wisconsin - Oshkosh	9,105	84.7%	10,744
Under \$1M	Public	University of Wisconsin - Parkside	4,736	97.0%	4,884
Under \$1M	Public	University of Wisconsin - River Falls	5,482	92.9%	5,899
Under \$1M	Public	University of Wisconsin - Stevens Point	8,287	94.6%	8,757
Under \$1M	Public	University of Wisconsin - Stout	7,240	91.9%	7,877
Under \$1M	Public	University of Wisconsin - Superior	2,505	86.9%	2,881
Under \$1M	Public	University of Wisconsin - Whitewater	9,460	88.7%	10,671
\$5 - \$20M	Public	University of Wyoming	8,550	72.8%	11,743
\$1 - \$5M	Public	US Air Force Academy	4,330	100.0%	4,330
Under \$1M	Public	US Coast Guard Academy	877	100.0%	877
\$1 - \$5M	Public	US Naval Academy	4,172	100.0%	4,172
Over \$20M	Public	US Naval Postgraduate School			
Over \$20M	Public	Utah State University	17,903	83.3%	21,490
Under \$1M	Private	Valparaiso University	2,979	82.4%	3,614
Over \$20M	Private	Vanderbilt University	5,935	58.8%	10,092
Under \$1M	Private	Vassar College	2,400	100.0%	2,400

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division III	No			1,916,759		123	1,366
Division I-A	No	Conference USA	33,000	13,396,162		15,084	17,706
Division I-AA	No	Southern	20,668	6,200,106		87	1,404
Division I-A	Yes	SEC	102,544	59,462,201	4,253,548	44,467	112,495
Neither NCAA nor NAIA	No					27,505	49,791
Division I-AAA	No			4,103,686		5,106	10,723
Division I-A	Yes	Big 12	81,816	59,458,376	7,067,005	178,889	272,811
Division III	No			813,568		7,049	15,684
Division I-A	No	WAC	52,000	12,852,402		16,416	20,877
Division I-AAA	No			3,268,984		1,135	1,688
Division I-AAA	No			4,538,098		7,441	10,292
Neither NCAA nor NAIA	No					79,665	119,587
Neither NCAA nor NAIA	No					65,251	103,824
Neither NCAA nor NAIA	No					81,872	182,196
Neither NCAA nor NAIA	No					61,357	97,896
Neither NCAA nor NAIA	No					109,165	189,216
Division II	No			566,209		1,629	2,737
Division I-AAA	No			9,294,509		546	1,020
Division II	No			576,275		222	532
Neither NCAA nor NAIA	No					1,957	3,310
Division I-A	No	Mid American	26,248	11,663,562		6,312	13,694
Division I-A	No	WAC	40,385	14,372,346		5,498	10,054
Division I-A	No	Mountain West	46,500	17,804,416	5,310,614	124,344	187,661
Division I-AAA	No			6,711,527	2,655,805	39,861	63,391
Division I-A	Yes	ACC	40,000	35,067,416	7,324,297	119,243	174,522
Division I-A	Yes	Pac 10	72,500	39,433,809	11,263,289	389,622	529,342
Division II	No			2,676,641		4,521	6,248
Division III	No			1,072,919		219	684
Division I-AAA	No			4,260,955		267	543
Division III	No			531,742		1,001	1,404
Division I-A	Yes	Big Ten	76,129	51,959,245	13,313,265	278,629	554,361
Division I-AAA	No			5,485,039		8,425	20,010
Division III	No			2,473,843		248	585
Division II	No			2,488,101		212	362
Division III	No			1,590,198		24	152
Division III	No			937,264		193	1,227
Division III	No			1,926,477		880	1,236
Division III	No			305,783		33	380
Division III	No			1,020,967		223	272
Division I-A	No	Mountain West	33,500	15,748,213		16,556	43,094
Division I-A	No	Mountain West	52,123	20,678,633		4,505	4,551
Neither NCAA nor NAIA	No					405	405
Division I-A	No	Independent	35,000	Not available		2,770	2,786
Neither NCAA nor NAIA	No					36,476	37,502
Division I-A	No	Sun Belt	30,257	8,550,447	1,694,851	57,378	103,161
Division I-AA	No	Pioneer	5,000	4,458,918		275	725
Division I-A	Yes	SEC	41,203	38,898,249	8,661,620	129,986	171,926
Division III	No			871,767		321	1,716

Appendix Table I. Athletic Data: Institutions Reporting Federal Research			Students		
Research Group	Control	Institutions Reporting Any Federal Research, 1991-2000	Undergraduate Headcount Enrollment 2000	Undergraduate Percentage of Total Enrollment 2000	Total Student Enrollment 2000
\$1 - \$5M	Private	Villanova University	7,083	70.7%	10,017
Over \$20M	Public	Virginia Commonwealth University	16,505	68.6%	24,066
Under \$1M	Public	Virginia Military Institute	1,300	100.0%	1,300
Over \$20M	Public	Virginia Polytechnic Institute and State University	21,428	76.9%	27,869
\$1 - \$5M	Public	Virginia State University	3,473	79.8%	4,353
Under \$1M	Private	Virginia Union University	1,241	80.7%	1,538
Over \$20M	Private	Wake Forest University	4,086	66.2%	6,173
Over \$20M	Public	Washington State University - Pullman	16,839	82.2%	20,492
Over \$20M	Private	Washington University	6,695	55.2%	12,118
Over \$20M	Public	Wayne State University	18,093	59.5%	30,408
\$1 - \$5M	Private	Wellesley College	2,287	100.0%	2,287
Under \$1M	Private	Wentworth Institute of Technology	3,187	100.0%	3,187
Under \$1M	Private	Wesleyan College	560	97.1%	577
\$1 - \$5M	Private	Wesleyan University	2,722	86.2%	3,158
Under \$1M	Public	West Chester University of Pennsylvania	10,324	84.1%	12,272
Under \$1M	Public	West Texas A&M University	5,623	83.0%	6,775
Under \$1M	Public	West Virginia School of Osteopathic Medicine	0	0.0%	285
Under \$1M	Public	West Virginia State College	4,824	100.0%	4,824
Over \$20M	Public	West Virginia University	15,463	70.3%	21,987
Under \$1M	Public	Western Carolina University	5,611	83.8%	6,699
\$5 - \$20M	Public	Western Illinois University	10,652	81.4%	13,089
\$1 - \$5M	Public	Western Kentucky University	13,235	85.5%	15,481
\$1 - \$5M	Public	Western Michigan University	22,756	79.4%	28,657
Under \$1M	Public	Western State College of Colorado	2,325	100.0%	2,325
Under \$1M	Private	Western University of Health Sciences	98	6.7%	1,471
\$1 - \$5M	Public	Western Washington University	11,564	94.0%	12,307
Under \$1M	Private	Whitman College	1,424	100.0%	1,424
\$5 - \$20M	Public	Wichita State University	11,377	76.8%	14,810
Under \$1M	Private	Widener University - Chester	3,355	64.6%	5,192
Under \$1M	Private	Wilberforce University	925	100.0%	925
Under \$1M	Private	Willamette University	1,749	72.4%	2,415
\$1 - \$5M	Private	Williams College	2,020	97.8%	2,066
\$1 - \$5M	Public	Winston-Salem State University	2,844	99.5%	2,857
Over \$20M	Private	Woods Hole Oceanographic Institution			NR
\$1 - \$5M	Private	Worcester Polytechnic Institute	2,817	72.7%	3,874
\$5 - \$20M	Public	Wright State University - Dayton	10,618	76.0%	13,964
\$1 - \$5M	Private	Xavier University of Louisiana	3,284	86.5%	3,797
Over \$20M	Private	Yale University	5,351	48.2%	11,099
Over \$20M	Private	Yeshiva University	2,744	47.2%	5,814
Under \$1M	Public	Youngstown State University	10,619	90.1%	11,787

Athletics					Resources		
Athletic Classification	BCS	Football Conference of Division I Institutions	Football Stadium Capacity of Division I Institutions	Athletic Expenses or Revenues (Whichever was Higher) 2001-2002	1999 Adjusted Total Endowment Equivalent (Select Schools)	2000 Federal Research x \$1000	2000 Total Research x \$1000
Division I-AA	No	Atlantic 10	12,000	11,124,030		4,035	5,280
Division I-AAA	No			6,424,849	2,821,889	52,137	88,220
Division I-AA	No	Southern	10,000	5,338,862		50	470
Division I-A	Yes	Big East	52,000	26,907,174	5,582,205	71,127	192,672
Division II	No			1,662,987		3,602	4,422
Division II	No			196,215		537	671
Division I-A	Yes	ACC	31,500	23,967,121	3,296,813	65,585	86,840
Division I-A	Yes	Pac 10	40,000	22,755,296	4,299,230	48,441	104,796
Division III	No			1,645,411	8,750,367	254,148	362,216
Division II	No			3,626,162	4,416,864	64,320	156,814
Division III	No			0		2,304	4,943
Division III	No			508,667		452	452
Division III	No			0		79	80
Division III	No			2,213,896		4,058	5,673
Division II	No			1,496,633		697	794
Division II	No			1,453,381		140	1,751
Neither NCAA nor NAIA	No					0	132
Division II	No			1,179,575		0	55
Division I-A	Yes	Big East	63,500	24,514,210	3,439,197	28,013	66,130
Division I-AA	No	Southern	12,000	5,338,862		354	580
Division I-AA	No	Gateway	15,000	5,338,862		6,112	8,489
Division I-AA	No	Gateway	17,500	5,338,862		2,711	3,770
Division I-A	No	Mid American	30,100	15,415,828		4,584	14,230
Division II	No			2,088,865		28	204
Neither NCAA nor NAIA	No					272	318
Division II	No			2,801,297		1,548	3,433
Division III	No			866,629		283	483
Division I-AAA	No			8,076,191		5,228	16,213
Division III	No			278,876		37	208
Division III	No			0		236	280
Division III	No			1,549,371		77	266
Division III	No			2,426,094		1,345	1,853
Division II	No			1,432,100		3,256	3,450
Neither NCAA nor NAIA	No					67,036	81,547
Division III	No			920,611		4,219	10,315
Division I-AAA	No			4,253,827		12,543	29,092
NAIA	No					3,174	3,425
Division I-AA	No	Ivy	64,269	5,338,862	14,993,666	232,019	296,706
Division III	No			0	2,481,235	101,631	139,618
Division I-AA	No	Gateway	20,360	5,338,862		191	532

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Adams State College	Public	CO	7,826	Division II	1,773,374
Adrian College	Private	MI	1,054	Division III	657,424
Albertus Magnus College	Private	CT	2,269	Division III	140,241
Albion College	Private	MI	1,546	Division III	1,054,043
Albright College	Private	PA	1,814	Division III	1,010,594
Alderson Broaddus College	Private	WV	802	Division II	238,498
Alma College	Private	MI	1,371	Division III	1,293,177
Alvernia College	Private	PA	1,815	Division III	484,484
American International College	Private	MA	1,515	Division II	3,138,311
Anderson College	Private	SC	1,450	Division II	1,420,416
Anderson University	Private	IN	2,427	Division III	1,119,210
Angelo State University	Public	TX	6,266	Division II	1,488,365
Anna Maria College	Private	MA	1,264	Division III	211,841
Armstrong Atlantic State University	Public	GA	5,747	Division II	1,492,385
Ashland University	Private	OH	6,359	Division II	4,516,900
Assumption College	Private	MA	2,779	Division II	1,473,017
Augusta State University	Public	GA	5,382	Division II	1,594,094
Augustana College	Private	IL	2,232	Division III	1,138,455
Augustana College	Private	SD	1,807	Division II	978,619
Aurora University	Private	IL	2,801	Division III	643,052
Austin College	Private	TX	1,261	Division III	684,305
Austin Peay State University	Public	TN	7,033	Division I-AA	2,696,172
Averett College	Private	VA	2,396	Division III	330,058
Babson College	Private	MA	3,328	Division III	676,294
Baldwin-Wallace College	Private	OH	4,884	Division III	1,913,109
Barry University	Private	FL	8,691	Division II	2,391,590
Barton College	Private	NC	1,219	Division II	900,340
Beaver College	Private	PA	2,991	Division III	273,459
Becker College	Private	MA	1,412	Division III	127,600
Bellarmino University	Private	KY	2,982	Division II	1,782,504
Belmont Abbey College	Private	NC	870	Division II	996,643
Belmont University	Private	TN	3,129	Division I-AAA	840,940
Beloit College	Private	WI	1,273	Division III	528,827
Benedictine University	Private	IL	2,700	Division III	803,067
Bentley College	Private	MA	5,587	Division II	4,265,260
Bethany College	Private	WV	774	Division III	927,782
Bethel College	Private	MN	2,991	Division III	1,083,686
Birmingham Southern College	Private	AL	1,424	Division I-AAA	5,505,554
Blackburn College	Private	IL	571	Division III	512,193
Bloomfield College	Private	NJ	1,769	Division II	822,704
Bloomsburg University of Pennsylvania	Public	PA	7,914	Division II	3,149,403
Bluefield State College	Public	WV	2,768	Division II	422,932
Bluffton College	Private	OH	1,050	Division III	475,301
Bridgewater College	Private	VA	1,260	Division III	1,114,603
Brigham Young University-Hawaii Campus	Private	HI	2,278	Division II	882,425
Bryant College	Private	RI	3,494	Division II	3,568,111
Buena Vista University	Private	IA	2,910	Division III	1,202,422
Butler University	Private	IN	4,264	Division I-AA	6,123,561

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Cabrini College	Private	PA	2,100	Division III	211,702
Caldwell College	Private	NJ	2,238	Division II	830,782
California State University-Hayward	Public	CA	13,240	Division III	1,477,536
California State University-Sacramento	Public	CA	26,923	Division I-AA	1,916,095
California State University-Stanislaus	Public	CA	7,534	Division II	1,801,221
California University of Pennsylvania	Public	PA	5,948	Division II	2,341,420
Cameron University	Public	OK	5,329	Division II	1,237,564
Campbell University Inc	Private	NC	6,522	Division I-AAA	5,918,131
Canisius College	Private	NY	4,874	Division I-AA	4,868,921
Capital University	Private	OH	3,970	Division III	726,126
Carrroll College	Private	WI	2,921	Division III	1,513,513
Carson-Newman College	Private	TN	2,195	Division II	2,028,466
Carthage College	Private	WI	2,345	Division III	1,101,800
Case Western Reserve University	Private	OH	9,216	Division III	1,876,215
Catawba College	Private	NC	1,453	Division II	3,417,599
Cazenovia College	Private	NY	847	Division III	238,511
Centenary College	Private	NJ	1,637	Division III	202,454
Centenary College of Louisiana	Private	LA	1,049	Division I-AAA	2,921,620
Central College	Private	IA	1,425	Division III	978,783
Central Missouri State University	Public	MO	10,822	Division II	4,147,463
Centre College of Kentucky	Private	KY	1,070	Division III	1,363,294
Chadron State College	Public	NE	2,804	Division II	861,913
Chaminade University of Honolulu	Private	HI	2,561	Division II	247,684
Charleston Southern University	Private	SC	2,682	Division I-AA	4,426,931
Cheyney University of Pennsylvania	Public	PA	1,514	Division II	920,475
Christian Brothers University	Private	TN	2,123	Division II	137,684
Christopher Newport University	Public	VA	5,388	Division III	833,472
Citadel Military College of South Carolina	Public	SC	4,001	Division I-AA	5,199,762
Claremont McKenna College	Private	CA	1,044	Division III	1,089,925
Clarion University of Pennsylvania	Public	PA	6,271	Division II	1,876,736
Clarke College	Private	IA	1,201	Division III	320,313
Clayton College and State University	Public	GA	4,674	Division II	1,313,770
Coe College	Private	IA	1,311	Division III	791,922
Coker College	Private	SC	1,089	Division II	1,307,311
Colby-Sawyer College	Private	NH	901	Division III	878,610
College Misericordia	Private	PA	1,851	Division III	159,130
College of Mount Saint Joseph	Private	OH	2,272	Division III	938,950
College of Mount Saint Vincent	Private	NY	1,379	Division III	165,373
Colorado Christian University	Private	CO	1,849	Division II	1,275,676
Columbia Union College	Private	MD	1,073	Division II	993,142
Concord College	Public	WV	3,072	Division II	1,597,113
Concordia College at Moorhead	Private	MN	2,707	Division III	468,846
Concordia University	Private	MN	1,773	Division II	1,548,366
Concordia University	Private	IL	1,947	Division III	643,527
Concordia University at Austin	Private	TX	844	Division III	251,526
Concordia University-Wisconsin	Private	WI	4,810	Division III	220,729
Coppin State College	Public	MD	4,032	Division I-AAA	1,448,580
Cornell College	Private	IA	986	Division III	1,278,808

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Cuny New York City Technical College	Public	NY	11,028	Division III	185,006
Curry College	Private	MA	2,349	Division III	407,649
Dallas Baptist University	Private	TX	4,302	Division II	888,473
Daniel Webster College	Private	NH	1,062	Division III	272,012
David Lipscomb University	Private	TN	2,621	Division I-AAA	4,390,247
Davidson College	Private	NC	1,673	Division I-AA	3,809,056
Davis and Elkins College	Private	WV	588	Division II	623,057
Defiance College	Private	OH	1,000	Division III	1,056,815
Delaware Valley College	Private	PA	1,956	Division III	743,335
Delta State University	Public	MS	3,801	Division II	1,662,262
Depauw University	Private	IN	2,219	Division III	2,075,337
Desales University	Private	PA	2,734	Division III	169,226
Dominican College of Blauvelt	Private	NY	1,618	Division II	132,238
Dominican University	Private	IL	2,533	Division III	287,989
Dowling College	Private	NY	5,580	Division II	2,079,730
Drew University	Private	NJ	2,418	Division III	1,002,162
Drury University	Private	MO	4,243	Division II	889,008
D'youville College	Private	NY	2,486	Division III	110,092
Earlham College	Private	IN	1,145	Division III	311,372
East Central University	Public	OK	4,189	Division II	1,064,735
East Texas Baptist University	Private	TX	1,509	Division III	989,271
Eastern College	Private	PA	3,054	Division III	420,130
Eastern Connecticut State University	Public	CT	5,337	Division III	1,515,311
Eastern Illinois University	Public	IL	10,531	Division I-AA	6,315,110
Eastern Mennonite University	Private	VA	1,304	Division III	362,554
Eastern Nazarene College	Private	MA	1,214	Division III	320,709
Eastern New Mexico University-Main Campus	Public	NM	3,556	Division II	2,506,089
Eastern Oregon University	Public	OR	2,971	Division III	1,082,876
Eckerd College	Private	FL	1,582	Division II	1,252,469
Edgewood College	Private	WI	2,110	Division III	342,138
Edinboro University of Pennsylvania	Public	PA	7,498	Division II	3,722,439
Elizabethtown College	Private	PA	1,902	Division III	687,257
Elmhurst College	Private	IL	2,540	Division III	1,419,286
Elmira College	Private	NY	1,938	Division III	1,361,399
Elon College	Private	NC	4,341	Division I-AA	4,759,853
Emerson College	Private	MA	4,339	Division III	633,634
Emmanuel College	Private	MA	1,449	Division III	151,000
Emory and Henry College	Private	VA	1,079	Division III	653,582
Emporia State University	Public	KS	5,823	Division II	1,901,026
Endicott College	Private	MA	1,754	Division III	589,986
Erskine College and Seminary	Private	SC	948	Division II	1,065,455
Eureka College	Private	IL	514	Division III	328,830
Felician College	Private	NJ	1,719	Division II	1,372,873
Ferrum College	Private	VA	920	Division III	1,192,211
Florida Southern College	Private	FL	2,496	Division II	2,807,877
Fontbonne College	Private	MO	2,192	Division III	180,249
Fort Hays State University	Public	KS	5,626	Division II	2,481,866
Framingham State College	Public	MA	5,903	Division III	226,635

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Francis Marion University	Public	SC	3,513	Division II	1,636,499
Franklin College of Indiana	Private	IN	1,028	Division III	616,019
Franklin Pierce College	Private	NH	1,568	Division II	2,003,198
Frostburg State University	Public	MD	5,283	Division III	1,524,998
Gannon University	Private	PA	3,407	Division II	2,896,453
Gardner-Webb University	Private	NC	3,544	Division I-AA	4,866,234
George Fox University	Private	OR	2,637	Division III	849,103
Georgia College and State University	Public	GA	5,079	Division II	1,674,957
Gettysburg College	Private	PA	2,277	Division III	1,396,792
Glenville State College	Public	WV	2,143	Division II	736,533
Gonzaga University	Private	WA	4,874	Division I-AAA	6,000,919
Goucher College	Private	MD	1,996	Division III	705,743
Grand Canyon University	Private	AZ	4,113	Division II	2,083,168
Greensboro College	Private	NC	1,139	Division III	835,746
Greenville College	Private	IL	1,160	Division III	844,837
Guilford College	Private	NC	1,490	Division III	857,011
Gwynedd Mercy College	Private	PA	2,177	Division III	1,048,000
Hamline University	Private	MN	4,123	Division III	1,080,313
Hanover College	Private	IN	1,111	Division III	1,651,031
Harding University	Private	AR	4,677	Division II	2,391,048
Hardin-Simmons University	Private	TX	2,276	Division III	836,920
Hartwick College	Private	NY	1,446	Division III	3,201,020
Hawaii Pacific University	Private	HI	8,033	Division II	1,903,698
Heidelberg College	Private	OH	1,384	Division III	1,422,560
Hendrix College	Private	AR	1,085	Division III	878,449
High Point University	Private	NC	2,752	Division I-AAA	3,177,982
Hilbert College	Private	NY	964	Division III	134,076
Hiram College	Private	OH	1,190	Division III	725,340
Hobart William Smith Colleges	Private	NY	1,860	Division III	1,917,497
Hood College	Private	MD	1,607	Division III	113,636
Howard Payne University	Private	TX	1,521	Division III	852,042
Huntingdon College	Private	AL	615	Division III	896,262
Husson College	Private	ME	1,864	Division III	264,144
Illinois College	Private	IL	874	Division III	536,183
Illinois Wesleyan University	Private	IL	2,064	Division III	856,610
Indiana University-Purdue University-Fort Wayne	Public	IN	11,128	Division I-AAA	1,620,315
Iona College	Private	NY	4,388	Division I-AA	6,329,903
Jacksonville State University	Public	AL	8,336	Division I-AA	4,216,420
Jacksonville University	Private	FL	2,519	Division I-AA	4,634,282
Johnson & Wales University	Private	RI	9,261	Division III	488,170
Johnson State College	Public	VT	1,590	Division III	214,506
Kalamazoo College	Private	MI	1,384	Division III	551,117
Kean University	Public	NJ	12,094	Division III	750,526
Keene State College	Public	NH	4,633	Division III	1,788,296
Kentucky Wesleyan College	Private	KY	671	Division II	1,504,253
Kenyon College	Private	OH	1,587	Division III	381,632
Keuka College	Private	NY	1,063	Division III	412,000
Kings College	Private	PA	2,226	Division III	1,004,317

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
La Roche College	Private	PA	1,908	Division II	192,788
Lagrange College	Private	GA	942	Division III	618,222
Lake Erie College	Private	OH	848	Division III	195,684
Lake Superior State University	Public	MI	3,142	Division II	2,075,732
Lakeland College	Private	WI	3,588	Division III	812,018
Lander University	Public	SC	2,710	Division II	1,092,494
Lane College	Private	TN	675	Division II	470,105
Lasell College	Private	MA	894	Division III	201,851
Lawrence University	Private	WI	1,323	Division III	815,248
Le Moyne College	Private	NY	3,166	Division II	2,052,964
Lebanon Valley College	Private	PA	2,117	Division III	929,640
Lenoir-Rhyne College	Private	NC	1,456	Division II	3,277,090
Letourneau University	Private	TX	3,098	Division III	603,143
Lewis University	Private	IL	4,407	Division II	2,558,200
Liberty University	Private	VA	6,162	Division I-AA	6,450,080
Limestone College	Private	SC	2,067	Division II	280,505
Lincoln Memorial University	Private	TN	1,774	Division II	1,772,890
Linfield College	Private	OR	1,602	Division III	1,845,596
Lock Haven University of Pennsylvania	Public	PA	4,252	Division II	3,741,674
Long Island University-C W Post Campus	Private	NY	10,133	Division II	3,453,768
Long Island University-Southampton College	Private	NY	3,284	Division II	961,599
Longwood College	Public	VA	4,114	Division II	1,920,522
Loras College	Private	IA	1,758	Division III	2,593,453
Louisiana College	Private	LA	1,204	Division III	989,901
Loyola Marymount University	Private	CA	7,921	Division I-AAA	8,762,066
Luther College	Private	IA	2,575	Division III	871,013
Lycoming College	Private	PA	1,424	Division III	690,028
Lynchburg College	Private	VA	1,937	Division III	668,859
Lynn University	Private	FL	2,006	Division II	3,276,397
Macmurray College	Private	IL	655	Division III	460,346
Maine Maritime Academy	Public	ME	727	Division III	386,255
Manchester College	Private	IN	1,137	Division III	470,113
Manhattanville College	Private	NY	2,468	Division III	320,944
Mansfield University of Pennsylvania	Public	PA	3,303	Division II	2,103,180
Maranatha Baptist Bible College Inc	Private	WI	776	Division III	332,845
Marian College of Fond Du Lac	Private	WI	2,559	Division III	472,026
Marietta College	Private	OH	1,270	Division III	1,425,436
Marist College	Private	NY	5,495	Division I-AA	5,655,460
Mars Hill College	Private	NC	1,242	Division II	2,056,385
Martin Luther College	Private	MN	1,060	Division III	249,700
Mary Washington College	Public	VA	4,481	Division III	1,174,987
Marymount University	Private	VA	3,475	Division III	626,819
Maryville College	Private	TN	1,026	Division III	803,318
Maryville University of Saint Louis	Private	MO	3,162	Division III	113,518
Marywood University	Private	PA	2,925	Division III	183,636
Massachusetts College of Liberal Arts	Public	MA	1,613	Division III	580,589
Massachusetts Maritime Academy	Public	MA	853	Division III	212,900
McMurry University	Private	TX	1,378	Division III	1,938,398

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Medaille College	Private	NY	1,788	Division III	178,131
Mercyhurst College	Private	PA	3,404	Division II	4,367,241
Merrimack College	Private	MA	2,484	Division II	3,417,415
Mesa State College	Public	CO	5,302	Division II	2,088,072
Messiah College	Private	PA	2,858	Division III	1,229,343
Methodist College	Private	NC	2,143	Division III	884,467
Metropolitan State College of Denver	Public	CO	18,445	Division II	1,648,034
Miles College	Private	AL	1,637	Division II	1,017,547
Millersville University of Pennsylvania	Public	PA	7,556	Division II	2,484,402
Millikin University	Private	IL	2,412	Division III	199,154
Millsaps College	Private	MS	1,330	Division III	1,058,015
Milwaukee School of Engineering	Private	WI	2,563	Division III	543,854
Minnesota State University-Moorhead	Public	MN	7,431	Division II	1,139,233
Minnesota State University-Mankato	Public	MN	13,275	Division II	5,316,476
Mississippi College	Private	MS	3,223	Division III	1,373,228
Mississippi University For Women	Public	MS	2,328	Division II	481,712
Missouri Southern State College	Public	MO	5,899	Division II	3,220,812
Missouri Western State College	Public	MO	5,102	Division II	2,330,489
Molloy College	Private	NY	2,538	Division II	902,026
Monmouth College	Private	IL	1,072	Division III	242,124
Montana State University-Billings	Public	MT	3,818	Division II	1,542,352
Moravian College and Theological Seminary	Private	PA	1,924	Division III	836,534
Morehead State University	Public	KY	9,008	Division I-AA	2,956,551
Morningside College	Private	IA	996	Division II	247,444
Mount Ida College	Private	MA	1,325	Division III	256,867
Mount Olive College	Private	NC	1,775	Division II	1,914,135
Mount Saint Mary College	Private	NY	2,366	Division III	147,962
Mount Saint Marys College	Private	MD	1,969	Division I-AAA	3,615,570
Mount Union College	Private	OH	2,368	Division III	1,090,808
Muhlenberg College	Private	PA	2,629	Division III	1,431,088
Muskingum College	Private	OH	2,066	Division III	767,535
Nazareth College of Rochester	Private	NY	3,107	Division III	555,741
Neumann College	Private	PA	2,014	Division III	214,981
New England College	Private	NH	895	Division III	775,433
New Hampshire College	Private	NH	5,584	Division II	2,597,209
New Jersey City University	Public	NJ	8,823	Division III	352,971
Newberry College	Private	SC	721	Division II	1,665,252
Newbury College-Brookline	Private	MA	1,689	Division III	195,769
Niagara University	Private	NY	3,278	Division I-AAA	5,186,638
Nichols College	Private	MA	1,545	Division III	269,242
North Carolina Wesleyan College	Private	NC	1,886	Division III	515,816
North Central College	Private	IL	2,605	Division III	276,324
North Greenville College	Private	SC	1,378	Division II	185,465
North Park University	Private	IL	2,327	Division III	1,165,944
Northeastern State University	Public	OK	8,534	Division II	1,660,068
Northern Michigan University	Public	MI	8,577	Division II	4,477,870
Northern State University	Public	SD	3,088	Division II	1,357,952
Northwest Missouri State University	Public	MO	6,625	Division II	3,120,553

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Northwest Nazarene University	Private	ID	1,370	Division II	490,422
Northwestern State University of Louisiana	Public	LA	9,415	Division I-AA	4,818,911
Northwood University	Private	MI	3,654	Division II	3,579,194
Norwich University	Private	VT	2,512	Division III	1,365,798
Nyack College	Private	NY	2,454	Division II	166,929
Oakland City University	Private	IN	1,738	Division II	1,210,206
Oglethorpe University	Private	GA	1,197	Division III	368,205
Oklahoma Panhandle State University	Public	OK	1,226	Division II	696,502
Otterbein College	Private	OH	2,974	Division III	1,152,558
Ouachita Baptist University	Private	AR	1,610	Division II	2,707,396
Pacific Lutheran University	Private	WA	3,426	Division III	654,305
Paine College	Private	GA	888	Division II	813,108
Pennsylvania State University-Penn State Altoona	Public	PA	3,823	Division III	200,535
Pennsylvania State Univ-Penn St Erie-Behrend Coll	Public	PA	3,708	Division III	165,147
Pepperdine University	Private	CA	7,383	Division I-AAA	8,606,084
Pfeiffer University	Private	NC	1,671	Division II	1,392,470
Philadelphia College of Bible	Private	PA	1,384	Division III	163,351
Philadelphia University	Private	PA	3,204	Division II	1,712,801
Plymouth State College	Public	NH	4,418	Division III	954,714
Pratt Institute-Main	Private	NY	4,343	Division III	192,479
Presbyterian College	Private	SC	1,184	Division II	3,261,344
Queens College	Private	NC	1,701	Division II	1,349,139
Quincy University	Private	IL	1,319	Division II	2,456,109
Quinnipiac University	Private	CT	6,675	Division I-AAA	6,486,129
Ramapo College of New Jersey	Public	NJ	5,199	Division III	566,139
Randolph-Macon College	Private	VA	1,150	Division III	306,089
Rhode Island College	Public	RI	8,662	Division III	497,884
Rhodes College	Private	TN	1,551	Division III	1,175,941
Ripon College	Private	WI	903	Division III	289,369
Rivier College	Private	NH	2,375	Division III	152,471
Roanoke College	Private	VA	1,790	Division III	239,087
Robert Morris College	Private	PA	4,724	Division I-AA	3,703,077
Rockford College	Private	IL	1,359	Division III	442,404
Rockhurst University	Private	MO	2,730	Division II	1,852,642
Roger Williams University	Private	RI	4,193	Division III	553,754
Rollins College	Private	FL	3,717	Division II	4,689,495
Rowan University	Public	NJ	9,788	Division III	1,360,980
Sacred Heart University	Private	CT	5,953	Division I-AA	5,843,896
Saginaw Valley State University	Public	MI	8,936	Division II	2,824,466
Saint Anselm College	Private	NH	1,964	Division II	2,092,524
Saint Augustines College	Private	NC	1,360	Division II	1,388,594
Saint Bonaventure University	Private	NY	2,710	Division I-AAA	5,383,854
Saint Cloud State University	Public	MN	15,920	Division II	3,656,966
Saint Francis College	Private	PA	2,027	Division I-AA	4,126,695
Saint John Fisher College	Private	NY	2,968	Division III	608,035
Saint Josephs College-Suffolk Campus	Private	NY	3,444	Division III	628,041
Saint Leo University	Private	FL	9,931	Division II	1,922,566
Saint Martins College	Private	WA	1,474	Division II	790,607

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Saint Marys College of California	Private	CA	4,127	Division I-AA	6,999,890
Saint Mary's University of Minnesota	Private	MN	5,008	Division III	896,118
Saint Michaels College	Private	VT	2,630	Division II	2,058,384
Saint Norbert College	Private	WI	2,131	Division III	903,553
Saint Olaf College	Private	MN	3,011	Division III	958,067
Saint Pauls College	Private	VA	555	Division II	345,197
Saint Peters College	Private	NJ	3,225	Division I-AA	3,496,299
Saint Thomas Aquinas College	Private	NY	2,140	Division II	649,076
Salem State College	Public	MA	8,349	Division III	436,888
Salisbury State University	Public	MD	6,682	Division III	391,047
Salve Regina University	Private	RI	2,271	Division III	635,123
Samford University	Private	AL	4,377	Division I-AA	5,015,641
Savannah College of Art and Design	Private	GA	5,338	Division III	1,677,538
Schreiner College	Private	TX	806	Division III	539,823
Seattle Pacific University	Private	WA	3,615	Division II	2,500,286
Shenandoah University	Private	VA	2,451	Division III	927,170
Shepherd College	Public	WV	4,391	Division II	1,368,743
Shippensburg University of Pennsylvania	Public	PA	7,193	Division II	2,032,783
Siena College	Private	NY	3,384	Division I-AA	6,621,898
Simpson College	Private	IA	1,816	Division III	1,027,610
Slippery Rock University of Pennsylvania	Public	PA	7,197	Division II	3,319,393
Southeastern Oklahoma State University	Public	OK	3,890	Division II	1,212,645
Southern Arkansas University Main Campus	Public	AR	3,127	Division II	1,378,085
Southern Utah University	Public	UT	6,095	Division I-AA	3,881,098
Southern Vermont College	Private	VT	456	Division III	149,862
Southwest Baptist University	Private	MO	3,564	Division II	2,394,814
Southwest State University	Public	MN	5,056	Division II	1,373,590
Southwestern Oklahoma State University	Public	OK	4,854	Division II	1,183,859
Southwestern University	Private	TX	1,320	Division III	1,654,299
Springfield College	Private	MA	5,007	Division III	942,212
St Francis College	Private	NY	2,451	Division I-AAA	2,199,792
St Lawrence University	Private	NY	2,099	Division III	4,552,138
Stetson University	Private	FL	3,255	Division I-AAA	4,109,273
Stillman College	Private	AL	1,513	Division III	382,350
Stonehill College	Private	MA	2,622	Division II	1,713,448
Suffolk University	Private	MA	6,897	Division III	111,525
Suny College at Geneseo	Public	NY	5,649	Division III	1,420,771
Suny College at New Paltz	Public	NY	7,838	Division III	840,691
Suny College at Oneonta	Public	NY	5,742	Division III	1,604,488
Suny College at Potsdam	Public	NY	4,325	Division III	635,085
Suny College of Technology at Farmingdale	Public	NY	5,449	Division III	653,498
Suny Institute of Technology at Utica-Rome	Public	NY	2,537	Division III	410,000
Suny Maritime College	Public	NY	797	Division III	244,364
Susquehanna University	Private	PA	1,949	Division III	1,012,123
Teikyo Post University	Private	CT	1,350	Division II	106,437
Texas Lutheran University	Private	TX	1,473	Division III	511,729
The College of New Jersey	Public	NJ	6,846	Division III	1,294,973
The College of New Rochelle	Private	NY	6,720	Division III	56,576

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
The College of Saint Rose	Private	NY	4,411	Division II	2,426,874
The College of Saint Scholastica	Private	MN	2,228	Division III	852,430
The Richard Stockton College of New Jersey	Public	NJ	6,459	Division III	772,494
The University of Tennessee-Martin	Public	TN	5,954	Division I-AA	3,212,820
Thiel College	Private	PA	1,152	Division III	664,421
Thomas More College	Private	KY	1,555	Division III	623,861
Tiffin University	Private	OH	1,570	Division II	500,878
Transylvania University	Private	KY	1,052	Division III	914,971
Troy State University-Main Campus	Public	AL	13,660	Division I-A	4,943,787
Tusculum College	Private	TN	1,794	Division II	3,011,392
United States Merchant Marine Academy	Public	NY	850	Division III	929,455
United States Military Academy	Public	NY	4,152	Division I-A	16,545,074
University of Arkansas at Monticello	Public	AR	2,332	Division II	889,098
University of Bridgeport	Private	CT	3,162	Division II	1,612,179
University of Charleston	Private	WV	1,150	Division II	593,899
University of Dubuque	Private	IA	1,039	Division III	159,960
University of Evansville	Private	IN	2,555	Division I-AAA	7,072,862
University of Hawaii at Hilo	Public	HI	2,913	Division II	1,522,264
University of Indianapolis	Private	IN	3,708	Division II	4,761,466
University of La Verne	Private	CA	7,283	Division III	1,179,289
University of Maine at Farmington	Public	ME	2,435	Division III	90,454
University of Mary Hardin-Baylor	Private	TX	2,624	Division III	1,113,548
University of Minnesota-Crookston	Public	MN	2,529	Division II	1,389,043
University of Minnesota-Duluth	Public	MN	9,380	Division II	3,983,723
University of Minnesota-Morris	Public	MN	1,927	Division II	705,950
University of Montevallo	Public	AL	2,935	Division II	1,477,569
University of New England-University Campus	Private	ME	2,837	Division III	230,137
University of North Alabama	Public	AL	5,522	Division II	2,971,768
University of North Carolina at Pembroke	Public	NC	3,933	Division II	1,171,776
University of North Florida	Public	FL	12,992	Division II	2,162,288
University of Pittsburgh-Bradford	Public	PA	1,467	Division III	374,650
University of Pittsburgh-Greensburg	Public	PA	1,758	Division III	279,380
University of Pittsburgh-Johnstown	Public	PA	3,096	Division II	778,482
University of Puerto Rico-Bayamon	Public	PR	5,811	Division II	337,610
University of Puerto Rico-Cayey University College	Public	PR	4,019	Division II	131,885
University of Puget Sound	Private	WA	2,848	Division III	1,094,680
University of Redlands	Private	CA	4,224	Division III	1,959,318
University of Scranton	Private	PA	4,608	Division III	644,856
University of South Carolina at Aiken	Public	SC	3,282	Division II	2,107,327
University of South Carolina at Spartanburg	Public	SC	3,993	Division II	1,474,534
University of Southern Indiana	Public	IN	9,362	Division II	1,978,723
University of St Thomas	Private	MN	11,473	Division III	1,184,867
University of Tampa	Private	FL	3,821	Division II	2,474,404
University of the Incarnate Word	Private	TX	4,283	Division II	2,440,463
University of the Ozarks	Private	AR	654	Division III	547,101
University of the South	Private	TN	1,442	Division III	1,406,104
University of West Alabama	Public	AL	1,974	Division II	1,865,411
University of Wisconsin-Platteville	Public	WI	5,600	Division III	1,358,596

Appendix Table 2. NCAA Institutions That Did Not Report Any Federal Research with EADA Expense and Revenue Data Published by the Department of Education

Institution	Control	State	Undergraduate Headcount Enrollment (2000)	Athletic Classification	Higher Total of Reported Athletic Expenses or Revenues
Upper Iowa University	Private	IA	4,557	Division III	1,207,526
Ursinus College	Private	PA	1,324	Division III	678,920
Utica College of Syracuse University	Private	NY	2,286	Division III	960,635
Valdosta State University	Public	GA	9,230	Division II	3,109,208
Villa Julie College	Private	MD	2,447	Division III	662,312
Virginia Wesleyan College	Private	VA	1,412	Division III	148,559
Wagner College	Private	NY	1,700	Division I-AA	5,472,582
Wartburg College	Private	IA	1,649	Division III	811,386
Washburn University of Topeka	Public	KS	6,118	Division II	1,969,030
Washington & Jefferson College	Private	PA	1,240	Division III	1,005,601
Washington and Lee University	Private	VA	2,072	Division III	1,266,570
Washington College	Private	MD	1,260	Division III	709,299
Wayne State College	Public	NE	3,311	Division II	1,691,638
Waynesburg College	Private	PA	1,790	Division III	431,892
Weber State University	Public	UT	16,873	Division I-AA	6,557,429
Webster University	Private	MO	15,402	Division III	510,433
Wesley College	Private	DE	2,018	Division III	548,491
West Liberty State College	Public	WV	2,633	Division II	916,936
West Virginia Wesleyan College	Private	WV	1,592	Division II	2,370,683
Western Connecticut State University	Public	CT	5,918	Division III	1,430,315
Western Maryland College	Private	MD	3,124	Division III	1,216,014
Western New England College	Private	MA	4,556	Division III	540,072
Western New Mexico University	Public	NM	2,489	Division II	1,010,932
Western Oregon University	Public	OR	4,876	Division II	1,574,375
Westfield State College	Public	MA	5,153	Division III	877,414
Westminster College	Private	MO	750	Division III	818,099
Westminster College	Private	PA	1,921	Division III	775,388
Wheaton College	Private	IL	2,844	Division III	1,851,049
Wheaton College	Private	MA	1,551	Division III	915,913
Wheeling Jesuit University	Private	WV	1,466	Division II	2,088,999
Wheelock College	Private	MA	1,090	Division III	60,000
Whittier College	Private	CA	2,098	Division III	593,653
Whitworth College	Private	WA	2,107	Division III	1,635,673
Wilkes University	Private	PA	3,697	Division III	840,353
William Paterson University of New Jersey	Public	NJ	10,466	Division III	926,823
Wilmington College	Private	DE	5,829	Division II	446,342
Wilmington College	Private	OH	1,876	Division III	217,737
Wingate University	Private	NC	1,356	Division II	2,898,839
Winona State University	Public	MN	7,707	Division II	1,688,079
Winthrop University	Public	SC	6,306	Division I-AAA	2,542,363
Wisconsin Lutheran College	Private	WI	716	Division III	938,964
Wittenberg University	Private	OH	2,277	Division III	1,020,189
Wofford College	Private	SC	1,106	Division I-AA	5,391,560
Worcester State College	Public	MA	5,768	Division III	486,947
Xavier University	Private	OH	6,660	Division I-AAA	8,450,766
York College Pennsylvania	Private	PA	5,293	Division III	639,237

Appendix Table 3. Institutions That Have Entered Division I-A Since 1978

First Season In I-A	Team	Notes
2002	Troy State University	
2002	University of Connecticut - Storrs	
2001	University of South Florida	
1999	Middle Tennessee State University	
1999	University at Buffalo	
1998	Marshall University	Lost I-A classification in 1982
1997	University of Idaho	
1996	Boise State University	
1996	University of Alabama - Birmingham	
1996	University of Central Florida	
1995	University of North Texas	
1994	University of Louisiana - Monroe	
1992	Arkansas State University - Jonesboro	
1992	University of Nevada - Reno	
1989	Louisiana Tech University	Lost I-A classification in 1982
1983	Ball State University	Lost I-A classification in 1982
1983	Bowling Green State University - Bowling Green	Lost I-A classification in 1982
1983	Kent State University - Kent	Lost I-A classification in 1982
1983	Miami University - Oxford	Lost I-A classification in 1982
1983	Northern Illinois University	Lost I-A classification in 1982
1983	Ohio University - Athens	Lost I-A classification in 1982
1983	University of Cincinnati - Cincinnati	Lost I-A classification in 1982
1982	Eastern Michigan University	Lost I-A classification in 1982

*Does not include Southern Methodist, which temporarily suspended its football program entirely in 1987-1988.

**Most of the information for these tables came from the NCAA's on-line library at www.ncaa.org/library. See in particular the third page of this document at http://www.ncaa.org/library/records/football_records_book/2002/559-576a.pdf

Appendix Table 4. Institutions That Have Left Division I-A Since 1978

First Season Out of I-A	Team	Notes
1996	University of the Pacific	
1993	California State University - Fullerton	
1992	California State University - Long Beach	
1982	Appalachian State University	
1982	Ball State University	Regained I-A status in 1983
1982	Bowling Green State University - Bowling Green	Regained I-A status in 1983
1982	Brown University	
1982	Colgate University	
1982	College of the Holy Cross	
1982	College of William and Mary	
1982	Columbia University	
1982	Cornell University	
1982	Dartmouth College	
1982	East Tennessee State University	
1982	Eastern Michigan University	Regained I-A status in 1983
1982	Furman University	
1982	Harvard University	
1982	Illinois State University	
1982	Indiana State University	
1982	Kent State University - Kent	Regained I-A status in 1983
1982	Lamar University - Beaumont	
1982	Louisiana Tech University	Regained I-A status in 1989
1982	Marshall University	Regained I-A status in 1998
1982	McNeese State University	
1982	Miami University - Oxford	Regained I-A status in 1983
1982	Northern Illinois University	Regained I-A status in 1983
1982	Ohio University - Athens	Regained I-A status in 1983
1982	Pennsylvania State University - University Park	
1982	Princeton University	
1982	Southern Illinois University - Carbondale	
1982	The Citadel	
1982	University of Cincinnati - Cincinnati	Regained I-A status in 1983
1982	University of Louisiana - Monroe	Regained I-A status in 1994
1982	University of North Texas	Regained I-A status in 1995
1982	University of Richmond	
1982	University of Tennessee - Chattanooga	
1982	University of Texas - Arlington	
1982	Virginia Military Institute	
1982	Western Carolina University	
1982	Yale University	
1981	Drake University	
1981	Tennessee State University	
1981	Villanova University	
1981	West Texas A&M University	

*Does not include Southern Methodist, which temporarily suspended its football program entirely in 1987-1988.

**Most of the information for these tables came from the NCAA's on-line library at www.ncaa.org/library. See in particular the third page of this document at http://www.ncaa.org/library/records/football_records_book/2002/559-576a.pdf



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 2001. This is the same dollar cutoff used in our last three 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 54 institutions (28 private, 26 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 (6 private, 26 public) that rank 26 through 50 nationally on at least one of the nine measures.
- **The Top Private Research Universities (1-25)** identifies the 35 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 45 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 18 private and 37 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 35 institutions in the Top Private Research Universities (1-25) table, 28 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	2001 Total Research x \$1000	Total Research National Rank	2001 Federal Research x \$1000	Federal Research National Rank	2002 Endowment Assets x \$1000	Endowment National Rank
Private	Harvard University	9	0	372,107	22	300,414	11	17,169,757	1
Private	Massachusetts Institute of Technology	9	0	435,495	13	304,319	9	5,359,423	5
Private	Stanford University	9	0	482,906	8	384,468	4	7,613,000	4
Private	Columbia University	8	1	354,497	25	317,928	7	4,208,373	7
Private	Cornell University	8	1	443,828	12	240,466	18	2,853,742	16
Private	Johns Hopkins University	8	1	999,246	1	879,741	1	1,695,150	22
Private	University of Pennsylvania	8	1	469,852	9	351,996	5	3,393,297	10
Private	Duke University	8	0	375,133	21	218,109	22	2,927,478	15
Public	University of California - Berkeley	8	0	446,273	11	208,080	23	1,774,200	21
Private	Yale University	7	2	321,514	28	250,702	16	10,523,600	2
Public	University of California - Los Angeles	7	1	693,801	2	312,858	8	1,224,018	29
Public	University of Michigan - Ann Arbor	7	1	600,523	4	396,117	3	3,240,661	12
Public	University of Minnesota - Twin Cities	7	1	462,011	10	264,289	15	1,501,394	24
Public	University of Washington - Seattle	7	1	589,626	5	435,103	2	1,111,726	34
Public	University of Wisconsin - Madison	7	1	604,143	3	304,009	10	1,000,857	42
Private	Washington University	7	1	406,642	17	284,928	12	3,517,104	8
Private	University of Southern California	6	2	340,597	27	246,207	17	2,130,977	19
Public	University of North Carolina - Chapel Hill	5	3	303,576	30	221,615	20	1,070,772	38
Private	Princeton University	5	1	149,411	77	78,620	74	8,319,600	3
Public	University of Illinois - Urbana-Champaign	5	1	390,863	18	195,316	25	608,545	68
Private	University of Chicago	4	4	194,125	53	155,566	35	3,255,368	11
Public	University of California - San Diego	4	3	556,533	6	343,276	6	259,241	149
Public	Pennsylvania State University - University Park	4	2	412,259	15	221,356	21	695,128	59
Public	University of California - San Francisco	4	1	524,975	7	277,489	13	797,414	55
Private	California Institute of Technology	3	5	215,085	46	193,554	28	1,154,540	31
Private	Northwestern University	3	5	257,933	36	158,129	34	3,022,733	13
Public	Ohio State University - Columbus	3	5	390,652	19	161,092	32	960,079	45
Private	Emory University	3	4	236,997	40	170,317	30	4,551,873	6
Public	Texas A&M University	3	4	407,041	16	149,382	39	3,503,862	9
Public	University of Arizona	3	4	367,128	23	199,484	24	292,380	133
Public	University of Texas - Austin	3	4	295,104	32	195,184	26	1,351,158	26
Public	University of Virginia	3	4	149,547	76	122,868	50	1,686,625	23
Public	University of Florida	3	3	359,312	24	139,744	43	583,407	74
Private	Baylor College of Medicine	3	1	381,461	20	234,394	19	885,915	48
Public	University of Pittsburgh - Pittsburgh	2	5	348,792	26	268,571	14	1,153,362	32
Private	New York University	2	4	190,722	55	129,897	46	1,177,600	30
Public	University of Colorado - Boulder	2	4	201,010	50	172,840	29	196,852	185
Public	Michigan State University	2	3	265,946	35	112,359	51	523,284	82
Public	University of California - Davis	2	3	432,396	14	154,937	37	400,837	99
Private	Vanderbilt University	2	3	186,504	57	146,230	40	2,019,612	20
Private	Brown University	2	1	91,636	110	58,367	96	1,414,285	25
Private	Dartmouth College	2	1	109,096	95	69,844	83	2,186,610	18
Private	Rice University	2	1	42,675	154	35,682	122	2,939,804	14
Public	Georgia Institute of Technology	1	6	306,533	29	143,836	42	1,073,443	37
Public	Purdue University - West Lafayette	1	4	254,917	38	98,151	60	1,098,939	35
Private	Rockefeller University	1	4	145,571	80	55,362	101	1,288,100	28
Public	University of Maryland - College Park	1	4	267,383	34	145,515	41	290,013	138
Private	University of Notre Dame	1	3	46,096	147	29,801	137	2,554,004	17
Private	Boston University	1	2	172,031	64	150,771	38	578,473	75
Private	Carnegie Mellon University	1	1	144,882	81	97,463	62	667,807	63
Private	Georgetown University	1	1	99,228	102	93,626	66	606,718	69
Public	University of California - Santa Barbara	1	1	116,372	88	76,828	77	80,830	343
Public	University of Georgia	1	1	272,298	33	66,913	86	421,807	97
Private	Yeshiva University	1	1	148,230	78	107,800	56	864,020	50

Support		Faculty				Advanced Training				Undergraduate	
2002 Annual Giving x \$1000	Giving National Rank	2002 National Academy Members	National Academy National Rank	2002 Faculty Awards	Faculty Awards National Rank	2002 Doctorates Granted	Doctorates National Rank	2001 Postdoctoral Appointees	Postdocs National Rank	2001 SAT Range (V; Q) or ACT Range	SAT National Rank
477,617	2	259	1	56	1	543	12	3597	1	700-790; 700-780	2
220,573	17	232	3	34	8	501	15	828	10	680-760; 730-800	2
454,770	3	244	2	27	13	548	11	1210	2	670-770; 690-780	7
271,231	9	84	9	44	3	452	17	315	41	660-760; 660-750	13
363,032	4	78	12	36	6	412	22	689	11	620-720; 650-750	27
318,687	6	63	16	35	7	373	27	1159	3	640-730; 680-760	18
319,742	5	91	7	31	9	380	26	950	5	640-730; 670-760	19
264,580	10	45	21	21	21	246	52	635	14	650-740; 670-760	15
223,261	16	202	4	27	13	805	1	896	8	560-700; 610-740	66
256,342	11	108	5	28	12	310	40	551	20	680-770; 680-770	8
282,343	8	60	17	26	15	593	8	847	9	560-680; 600-720	78
161,383	29	70	14	44	3	610	5	624	15	570-670; 610-710	78
233,338	14	38	23	18	31	560	9	615	16	530-650; 550-680	165
231,814	15	79	10	42	5	452	17	938	7	500-620; 530-650	292
307,214	7	69	15	52	2	650	2	467	25	560-680; 590-710	89
137,226	32	37	25	31	9	173	81	639	13	640-730; 670-740	21
585,162	1	35	27	23	20	496	16	549	21	600-700; 620-710	59
180,616	25	36	26	24	19	390	25	594	17	570-680; 580-690	100
185,223	22	79	10	30	11	230	56	339	36	680-770; 700-790	4
129,555	34	51	20	26	15	602	7	261	51	550-670; 600-720	89
183,772	23	52	19	17	33	333	35	361	35	650-750; 650-740	20
101,214	44	91	7	17	33	278	44	949	6	560-660; 610-710	89
140,931	31	25	35	26	15	519	13	258	53	530-630; 560-660	197
207,228	20	77	13	10	61	84	141	430	27	NA	
113,260	42	95	6	14	45	139	98	529	22	700-780; 760-800	1
183,335	24	34	28	17	33	349	31	251	55	640-730; 660-750	21
179,493	26	17	50	21	21	617	4	283	46	520-630; 540-660	227
210,372	19	12	58	15	41	178	75	415	30	640-720; 660-740	24
118,204	39	17	50	13	49	504	14	232	60	520-630; 550-660	212
119,687	38	28	30	21	21	370	28	420	29	480-600; 490-620	448
155,312	30	53	18	20	25	639	3	207	66	530-650; 560-680	149
255,044	12	20	42	20	25	321	37	366	34	600-700; 610-720	59
179,330	27	16	52	16	38	607	6	510	23	550-650; 570-670	135
79,252	56	14	55	12	56	41	227	506	24	NA	
75,248	59	21	40	15	41	336	34	554	19	530-630; 540-640	237
251,408	13	32	29	11	59	415	21	284	45	630-710; 600-710	51
61,006	77	26	33	26	15	258	47	678	12	540-640; 530-620	248
211,629	18	6	81	13	49	428	20	289	44	490-610; 510-640	352
81,869	55	27	31	10	61	346	33	585	18	500-620; 560-660	237
198,515	21	15	53	15	41	190	69	408	31	600-690; 630-710	59
85,044	53	19	45	9	69	148	92	106	99	640-750; 650-740	21
85,927	51	11	61	16	38	40	233	98	102	660-750; 670-760	11
59,493	81	21	40	7	80	106	127	107	97	650-750; 670-770	11
78,658	58	26	33	21	21	257	48	64	120	600-690; 650-730	44
164,000	28	15	53	17	33	409	23	247	57	500-600; 520-650	326
91,257	47	44	22	19	28	30	269	324	38	NA	
72,279	63	19	45	19	28	430	19	224	61	560-660; 590-690	110
126,755	36	2	114	14	45	116	112	120	91	620-720; 640-730	34
90,589	48	13	56	20	25	246	52	87	105	600-680; 610-690	71
36,294	117	22	39	5	103	176	77	140	80	600-700; 680-770	25
78,896	57	5	88	16	38	81	145	76	110	640-730; 650-730	25
26,680	149	38	23	14	45	199	68	176	71	530-630; 560-670	188
57,832	84	7	77	6	89	393	24	187	68	560-650; 560-650	149
61,628	73	10	66	6	89	109	125	1117	4	590-690; 570-670	100

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

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	2001 Total Research x \$1000	Total Research National Rank	2001 Federal Research Assets x \$1000	Federal Research National Rank	2002 Endowment Assets x \$1000	Endowment National Rank
Private	Case Western Reserve University	7	198,253	51	158,852	33	1,347,054	27
Public	University of Iowa	6	255,348	37	155,249	36	657,682	65
Private	University of Rochester	5	234,261	41	166,945	31	1,141,722	33
Public	University of Texas SW Medical Center - Dallas	5	222,376	44	131,820	45	724,188	57
Public	North Carolina State University	4	299,259	31	95,875	64	297,566	129
Public	University of Utah	4	197,597	52	127,253	48	324,624	125
Public	Rutgers the State University of NJ - New Brunswick	3	210,746	49	68,669	84	355,799	115
Public	Stony Brook University	3	168,487	66	93,265	67	40,419	481
Public	University of Alabama - Birmingham	3	231,702	43	194,625	27	251,185	152
Public	University of California - Irvine	3	179,866	59	101,735	57	117,884	271
Public	University of Cincinnati - Cincinnati	3	192,895	54	128,049	47	894,031	47
Public	University of Illinois - Chicago	3	233,098	42	125,109	49	105,834	292
Public	University of Missouri - Columbia	3	174,782	63	68,435	85	381,177	109
Public	Arizona State University - Tempe	2	118,763	86	56,616	99	205,660	179
Public	Indiana University - Bloomington	2	103,960	98	46,712	109	497,115	83
Public	University of Colorado Health Sciences Center	2	160,808	69	132,716	44	113,568	281
Public	University of Texas MD Anderson Cancer Center	2	212,746	47	94,053	65	263,643	147
Public	Virginia Polytechnic Institute and State University	2	216,323	45	77,384	76	328,680	123
Private	Boston College	1	30,768	177	20,123	171	964,313	44
Private	Brandeis University	1	52,818	141	30,031	135	384,335	107
Public	Indiana University-Purdue University - Indianapolis	1	155,939	73	70,069	82	430,196	94
Public	Iowa State University	1	179,196	60	62,024	92	335,927	121
Private	Tufts University	1	105,806	97	71,669	80	651,808	66
Public	University at Buffalo	1	186,829	56	96,595	63	388,216	106
Public	University of Delaware	1	77,491	120	41,830	116	868,225	49
Public	University of Kansas - Lawrence	1	93,880	108	43,951	113	585,749	72
Public	University of Kentucky	1	211,721	48	86,239	69	397,763	105
Public	University of Maryland - Baltimore	1	239,007	39	99,091	59	135,944	238
Public	University of Massachusetts - Amherst	1	97,976	105	49,576	105	70,994	363
Private	University of Miami	1	153,772	75	111,803	52	426,955	95
Public	University of Mississippi - Oxford	1	39,552	160	30,108	132	284,069	140
Public	University of South Carolina - Columbia	1	109,973	94	51,983	103	292,562	132
Public	University of Tennessee - Knoxville	1	111,710	91	48,739	107	446,948	89

Support		Faculty				Advanced Training				Undergraduate	
2002 Annual Giving x \$1000	Giving National Rank	2002 National Academy Members	National Academy National Rank	2002 Faculty Awards	Faculty Awards National Rank	2002 Doctorates Granted	Doctorates National Rank	2001 Postdoctoral Appointees	Postdocs National Rank	2001 SAT Range (V; Q) or ACT Range	SAT National Rank
100,131	45	20	42	14	45	175	78	281	47	600-710; 640-730	42
85,260	52	18	47	17	33	320	38	370	33	530-650; 540-670	188
57,454	85	23	38	9	69	185	72	263	50	600-700; 620-710	59
117,557	40	25	35	12	56	48	213	464	26	NA	
122,164	37	18	47	7	80	300	41	75	112	530-630; 550-660	206
127,760	35	18	47	19	28	218	61	260	52	20-26	545
74,637	61	27	31	11	59	363	29	123	87	520-630; 550-660	212
18,567	202	13	56	18	31	361	30	394	32	500-600; 540-650	300
51,496	96	9	68	9	69	125	108	312	42	19-25	726
38,901	111	24	37	15	41	175	78	295	43	520-610; 550-670	227
131,475	33	5	88	10	61	214	63	173	72	460-590; 460-610	586
74,659	60	6	81	12	56	177	76	265	49	21-26	466
90,339	49	5	88	13	49	252	50	142	78	24-29	177
60,505	80	4	98	13	49	313	39	81	108	490-600; 500-610	432
64,269	68	9	68	13	49	347	32	144	77	490-600; 490-610	448
31,555	129	9	68	9	69	41	227	272	48	NA	
57,834	83	1	136	0	526	0	543	330	37	NA	
72,579	62	12	58	10	61	326	36	111	96	530-630; 550-660	206
56,014	89	2	114	4	124	120	111	37	152	600-690; 620-700	66
63,354	71	11	61	9	69	102	130	91	104	620-710; 620-720	44
117,520	41	7	77	2	198	29	273	212	65	430-550; 430-540	1040
60,720	79	9	68	13	49	239	54	180	70	510-660; 550-690	165
82,253	54	8	76	5	103	96	133	428	28	590-700; 620-710	64
25,501	157	5	88	6	89	231	55	317	40	500-600; 520-630	352
43,024	102	9	68	7	80	137	99	131	85	530-610; 550-630	264
57,441	87	6	81	13	49	204	66	140	80	22-28	313
60,958	78	3	104	10	61	216	62	250	56	500-610; 510-630	352
41,915	103	11	61	3	152	81	145	181	69	NA	
22,222	185	9	68	10	61	287	43	134	83	500-610; 510-620	374
86,222	50	2	114	7	80	116	112	141	79	540-640; 550-650	197
104,632	43	0	187	3	152	84	141	40	144	20-26	545
64,235	69	1	136	10	61	253	49	133	84	490-600; 500-610	432
69,588	64	1	136	5	103	276	45	120	91	480-600; 480-610	502

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

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	2001 Total Research x \$1000	Total Research Control Rank	2001 Federal Research x \$1000	Federal Research Control Rank	2002 Endowment Assets x \$1000	Endowment Control Rank
Columbia University	9	0	354,497	10	317,928	4	4,208,373	7
Duke University	9	0	375,133	8	218,109	12	2,927,478	13
Harvard University	9	0	372,107	9	300,414	6	17,169,757	1
Johns Hopkins University	9	0	999,246	1	879,741	1	1,695,150	19
Massachusetts Institute of Technology	9	0	435,495	5	304,319	5	5,359,423	5
Northwestern University	9	0	257,933	13	158,129	17	3,022,733	11
Stanford University	9	0	482,906	2	384,468	2	7,613,000	4
University of Chicago	9	0	194,125	18	155,566	18	3,255,368	10
University of Pennsylvania	9	0	469,852	3	351,996	3	3,393,297	9
Yale University	9	0	321,514	12	250,702	8	10,523,600	2
California Institute of Technology	8	1	215,085	16	193,554	13	1,154,540	24
Case Western Reserve University	8	1	198,253	17	158,852	16	1,347,054	21
Cornell University	8	1	443,828	4	240,466	10	2,853,742	14
Emory University	8	1	236,997	14	170,317	14	4,551,873	6
New York University	8	1	190,722	19	129,897	21	1,177,600	23
Princeton University	8	1	149,411	24	78,620	27	8,319,600	3
Washington University	8	1	406,642	6	284,928	7	3,517,104	8
University of Southern California	8	0	340,597	11	246,207	9	2,130,977	17
Vanderbilt University	8	0	186,504	20	146,230	20	2,019,612	18
University of Rochester	6	2	234,261	15	166,945	15	1,141,722	25
Baylor College of Medicine	5	2	381,461	7	234,394	11	885,915	33
Boston University	5	2	172,031	22	150,771	19	578,473	52
Rockefeller University	5	2	145,571	26	55,362	36	1,288,100	22
Carnegie Mellon University	4	5	144,882	27	97,463	25	667,807	44
Dartmouth College	4	4	109,096	28	69,844	31	2,186,610	16
Brown University	3	6	91,636	33	58,367	34	1,414,285	20
Rice University	3	6	42,675	42	35,682	39	2,939,804	12
University of Notre Dame	3	6	46,096	40	29,801	43	2,554,004	15
Yeshiva University	3	5	148,230	25	107,800	24	864,020	34
University of Miami	3	4	153,772	23	111,803	22	426,955	64
Georgetown University	2	6	99,228	31	93,626	26	606,718	48
Mount Sinai School of Medicine	2	1	176,946	21	109,344	23	NR	
George Washington University	1	7	73,805	37	51,757	37	646,964	47
Tufts University	1	7	105,806	29	71,669	30	651,808	46
Loyola University Chicago	1	3	37,156	45	26,474	47	198,100	115

Support		Faculty				Advanced Training				Undergraduate	
2002 Annual Giving x \$1000	Giving Control Rank	2002 National Academy Members	National Academy Control Rank	2002 Faculty Awards	Faculty Awards Control Rank	2002 Doctorates Granted	Doctorates Control Rank	2001 Postdoctoral Appointees	Postdocs Control Rank	2001 SAT Range (V; Q) or ACT Range	SAT Control Rank
271,231	7	84	7	44	2	452	6	315	21	660-760; 660-750	13
264,580	8	45	12	21	12	246	15	635	9	650-740; 670-760	15
477,617	2	259	1	56	1	543	3	3597	1	700-790; 700-780	2
318,687	6	63	10	35	4	373	10	1159	3	640-730; 680-760	18
220,573	11	232	3	34	5	501	4	828	6	680-760; 730-800	2
183,335	16	34	16	17	15	349	11	251	25	640-730; 660-750	21
454,770	3	244	2	27	10	548	2	1210	2	670-770; 690-780	7
183,772	15	52	11	17	15	333	12	361	17	650-750; 650-740	20
319,742	5	91	6	31	6	380	9	950	5	640-730; 670-760	19
256,342	9	108	4	28	9	310	13	551	10	680-770; 680-770	8
113,260	19	95	5	14	21	139	31	529	12	700-780; 760-800	1
100,131	20	20	21	14	21	175	25	281	23	600-710; 640-730	42
363,032	4	78	9	36	3	412	8	689	7	620-720; 650-750	27
210,372	12	12	27	15	19	178	23	415	15	640-720; 660-740	24
251,408	10	32	17	11	25	415	7	284	22	630-710; 600-710	49
185,223	14	79	8	30	8	230	17	339	18	680-770; 700-790	4
137,226	17	37	14	31	6	173	27	639	8	640-730; 670-740	21
585,162	1	35	15	23	11	496	5	549	11	600-700; 620-710	56
198,515	13	15	24	15	19	190	20	408	16	600-690; 630-710	56
57,454	35	23	18	9	26	185	21	263	24	600-700; 620-710	56
79,252	28	14	25	12	24	41	93	506	13	NA	
90,589	23	13	26	20	13	246	15	87	36	600-680; 610-690	65
91,257	22	44	13	19	14	30	113	324	19	NA	
36,294	48	22	19	5	38	176	24	140	28	600-700; 680-770	25
85,927	25	11	29	16	17	40	97	98	34	660-750; 670-760	11
85,044	26	19	23	9	26	148	29	106	32	640-750; 650-740	21
59,493	33	21	20	7	31	106	44	107	31	650-750; 670-770	11
126,755	18	2	45	14	21	116	37	120	30	620-720; 640-730	34
61,628	31	10	32	6	34	109	43	1117	4	590-690; 570-670	87
86,222	24	2	45	7	31	116	37	141	27	540-640; 550-650	160
78,896	29	5	36	16	17	81	53	76	37	640-730; 650-730	25
		11	29	3	57	35	107		91	NA	
48,401	42	4	39	9	26	223	18	55	42	570-660; 580-670	103
82,253	27	8	34	5	38	96	49	428	14	590-700; 620-710	60
22,352	83	0	74	2	76	206	19	74	38	530-630; 520-630	218

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

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	2001 Total Research x \$1000	Total Research Control Rank	2001 Federal Research x \$1000	Federal Research Control Rank	2002 Endowment Assets x \$1000	Endowment Control Rank
University of California - Berkeley	9	0	446,273	8	208,080	11	1,774,200	3
University of California - Los Angeles	9	0	693,801	1	312,858	4	1,224,018	7
University of Michigan - Ann Arbor	9	0	600,523	3	396,117	2	3,240,661	2
University of North Carolina - Chapel Hill	9	0	303,576	18	221,615	9	1,070,772	12
University of Wisconsin - Madison	9	0	604,143	2	304,009	5	1,000,857	13
University of Florida	8	1	359,312	15	139,744	23	583,407	23
University of Illinois - Urbana-Champaign	8	1	390,863	12	195,316	13	608,545	21
University of Minnesota - Twin Cities	8	1	462,011	7	264,289	8	1,501,394	5
University of Washington - Seattle	8	0	589,626	4	435,103	1	1,111,726	9
Ohio State University - Columbus	7	2	390,652	13	161,092	17	960,079	14
Pennsylvania State University - University Park	7	2	412,259	10	221,356	10	695,128	19
University of Pittsburgh - Pittsburgh	7	2	348,792	16	268,571	7	1,153,362	8
University of Texas - Austin	7	2	295,104	20	195,184	14	1,351,158	6
University of Arizona	7	1	367,128	14	199,484	12	292,380	50
University of California - San Diego	7	1	556,533	5	343,276	3	259,241	55
University of Virginia	7	1	149,547	53	122,868	29	1,686,625	4
University of Iowa	6	3	255,348	24	155,249	18	657,682	20
Georgia Institute of Technology	6	2	306,533	17	143,836	22	1,073,443	11
University of Maryland - College Park	6	2	267,383	22	145,515	21	290,013	51
University of California - San Francisco	6	1	524,975	6	277,489	6	797,414	17
Texas A&M University	5	4	407,041	11	149,382	20	3,503,862	1
University of California - Davis	5	4	432,396	9	154,937	19	400,837	33
Purdue University - West Lafayette	5	3	254,917	25	98,151	36	1,098,939	10
University of Texas SW Medical Center - Dallas	5	2	222,376	29	131,820	25	724,188	18
Michigan State University	4	4	265,946	23	112,359	30	523,284	26
University of Colorado - Boulder	4	3	201,010	34	172,840	16	196,852	70
North Carolina State University	3	5	299,259	19	95,875	39	297,566	46
University of Utah	3	5	197,597	35	127,253	27	324,624	45
Stony Brook University	3	3	168,487	44	93,265	41	40,419	155
University of California - Irvine	3	3	179,866	39	101,735	33	117,884	98
Rutgers the State University of NJ - New Brunswick	2	5	210,746	33	68,669	53	355,799	39
University of Cincinnati - Cincinnati	2	5	192,895	36	128,049	26	894,031	15
University of Georgia	2	5	272,298	21	66,913	55	421,807	32
University of California - Santa Barbara	2	4	116,372	61	76,828	49	80,830	119
University of Alabama - Birmingham	2	3	231,702	28	194,625	15	251,185	56
University of Colorado Health Sciences Center	2	3	160,808	47	132,716	24	113,568	100
Virginia Polytechnic Institute and State University	1	7	216,323	30	77,384	48	328,680	43
Indiana University - Bloomington	1	4	103,960	69	46,712	72	497,115	27
University at Buffalo	1	4	186,829	37	96,595	38	388,216	36
Indiana University-Purdue University - Indianapolis	1	3	155,939	51	70,069	52	430,196	31
University of Kansas - Lawrence	1	3	93,880	76	43,951	76	585,749	22
University of Nebraska - Lincoln	1	3	157,520	48	43,877	77	576,798	24
University of Texas MD Anderson Cancer Center	1	3	212,746	31	94,053	40	263,643	54
University of Delaware	1	2	77,491	84	41,830	79	868,225	16
University of Arkansas - Fayetteville	1	1	78,303	83	23,172	108	569,859	25

Support		Faculty				Advanced Training				Undergraduate	
2002 Annual Giving x \$1000	Giving Control Rank	2002 National Academy Members	National Academy Control Rank	2002 Faculty Awards	Faculty Awards Control Rank	2002 Doctorates Granted	Doctorates Control Rank	2001 Postdoctoral Appointees	Postdocs Control Rank	2001 SAT Range (Y; Q) or ACT Range	SAT Control Rank
223,261	6	202	1	27	4	805	1	896	3	560-760; 610-740	5
282,343	2	60	7	26	5	593	8	847	4	560-680; 600-720	7
161,383	13	70	5	44	2	610	5	624	6	570-670; 610-710	7
180,616	9	36	12	24	9	390	17	594	8	570-680; 580-690	14
307,214	1	69	6	52	1	650	2	467	12	560-680; 590-710	10
179,330	11	16	29	16	22	607	6	510	11	550-650; 570-670	21
129,555	17	51	9	26	5	602	7	261	27	550-670; 600-720	10
233,338	4	38	10	18	17	560	9	615	7	530-650; 550-680	31
231,814	5	79	3	42	3	452	12	938	2	500-620; 530-650	61
179,493	10	17	27	21	10	617	4	283	24	520-630; 640-660	47
140,931	15	25	18	26	5	519	10	258	29	530-630; 560-660	38
75,248	30	21	21	15	23	336	23	554	10	530-630; 540-640	49
155,312	14	53	8	20	13	639	3	207	40	530-650; 560-680	27
119,687	20	28	13	21	10	370	18	420	15	480-600; 490-620	101
101,214	25	91	2	17	19	278	30	949	1	560-660; 610-710	10
255,044	3	20	22	20	13	321	25	366	18	600-700; 610-720	4
85,260	27	18	24	17	19	320	26	370	17	530-650; 540-670	36
78,658	29	26	16	21	10	257	34	64	81	600-690; 650-730	2
72,279	34	19	23	19	15	430	13	224	35	560-660; 590-690	16
207,228	8	77	4	10	36	84	90	430	14	NA	
118,204	21	17	27	13	26	504	11	232	34	520-630; 550-660	43
81,869	28	27	14	10	36	346	22	585	9	500-620; 560-660	49
164,000	12	15	30	17	19	409	15	247	32	500-600; 520-650	67
117,557	22	25	18	12	33	48	128	464	13	NA	
211,629	7	6	47	13	26	428	14	289	23	490-610; 510-640	72
61,006	45	26	16	26	5	258	33	678	5	540-640; 530-620	54
122,164	19	18	24	7	50	300	28	75	75	530-630; 550-660	40
127,760	18	18	24	19	15	218	43	260	28	20-26	134
18,567	105	13	31	18	17	361	20	394	16	500-600; 540-650	62
38,901	66	24	20	15	23	175	54	295	22	520-610; 550-670	47
74,637	32	27	14	11	35	363	19	123	59	520-630; 550-660	43
131,475	16	5	53	10	36	214	45	173	46	460-590; 460-610	152
57,832	50	7	43	6	56	393	16	187	42	560-650; 560-650	27
26,680	88	38	10	14	25	199	49	176	45	530-630; 560-670	36
51,496	56	9	35	9	44	125	74	312	21	19-25	207
31,555	78	9	35	9	44	41	135	272	25	NA	
72,579	33	12	32	10	36	326	24	111	66	530-630; 550-660	40
64,269	39	9	35	13	26	347	21	144	51	490-600; 490-610	101
25,501	90	5	53	6	56	231	39	317	20	500-600; 520-630	72
117,520	23	7	43	2	123	29	159	212	39	430-550; 430-540	334
57,441	52	6	47	13	26	204	47	140	53	22-28	65
64,416	38	2	70	6	56	213	46	76	74	500-640; 520-650	59
57,834	49	1	82	0	301	0	238	330	19	NA	
43,024	60	9	35	7	50	137	68	131	57	530-610; 550-630	58
63,660	41	2	70	4	79	106	84	57	89	500-640; 510-640	62

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

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 by Control	2001 Total Research x \$1000	Total Research Control Rank	2001 Federal Research x \$1000	Federal Research Control Rank	2002 Endowment Assets x \$1000	Endowment Control Rank
Tulane University	9	99,761	30	55,669	35	600,964	49
Brandeis University	8	52,818	39	30,031	42	384,335	71
Boston College	7	30,768	50	20,123	53	964,313	31
Rensselaer Polytechnic Institute	7	45,010	41	25,894	48	530,850	56
Wake Forest University	7	98,343	32	78,021	28	732,570	39
Syracuse University	6	42,476	43	30,036	41	657,769	45
Thomas Jefferson University	5	88,936	35	64,881	32	178,569	122
Drexel University	4	27,698	53	20,159	52	218,495	108
Rush University	4	70,219	38	37,301	38	292,303	85
Saint Louis University - St. Louis	4	32,442	49	28,117	44	692,126	41
Charles R. Drew University of Medicine and Science	3	36,717	46	27,415	46	2,200	462
Howard University	3	30,148	51	27,848	45	312,739	82
Medical College of Wisconsin	3	83,857	36	64,003	33	54,627	278
Northeastern University	3	34,467	47	23,532	49	422,920	65
MCP Hahnemann University	2	32,462	48	22,944	50	75,243	233
University of Dayton	2	41,343	44	34,102	40	254,752	96
Woods Hole Oceanographic Institution	2	91,029	34	75,670	29	234,600	100
Loma Linda University	1	26,451	54	20,494	51	121,888	170

Top Public Research Universities (26-50)							
Institutions in Order of Top 26-50 Score, then Alphabetically	Number of Measures in Top 26-50 by Control	2001 Total Research x \$1000	Total Research Control Rank	2001 Federal Research x \$1000	Federal Research Control Rank	2002 Endowment Assets x \$1000	Endowment Control Rank
Iowa State University	8	179,196	40	62,024	59	335,927	41
University of Kentucky	7	211,721	32	86,239	43	397,763	35
University of Illinois - Chicago	6	233,098	27	125,109	28	105,834	103
University of Missouri - Columbia	6	174,782	42	68,435	54	381,177	37
Oregon Health & Science University	5	136,785	55	111,671	31	248,362	58
Colorado State University	4	161,144	46	101,308	34	97,274	107
Florida State University	4	113,817	63	57,075	64	325,098	44
Louisiana State University - Baton Rouge	4	185,549	38	65,291	57	202,000	68
University of Maryland - Baltimore	4	239,007	26	99,091	35	135,944	88
University of Medicine & Dentistry of New Jersey	4	162,417	45	86,054	44	156,368	78
University of New Mexico - Albuquerque	4	156,619	50	109,505	32	170,830	76
University of South Carolina - Columbia	4	109,973	67	51,983	67	292,562	49
Wayne State University	4	175,984	41	79,448	47	148,679	80
Arizona State University - Tempe	3	118,763	59	56,616	65	205,660	67
University of Massachusetts - Amherst	3	97,976	73	49,576	68	70,994	123
University of Massachusetts Medical Sch - Worcester	3	111,221	65	79,453	46	45,178	148
University of Oregon	3	36,881	118	32,232	88	227,990	62
University of Tennessee - Knoxville	3	111,710	64	48,739	70	446,948	30
Washington State University - Pullman	3	99,302	71	43,989	75	473,225	29
University of California - Santa Cruz	2	64,253	93	29,201	96	68,762	128
University of Connecticut - Storrs	2	92,045	77	30,106	93	105,174	104
University of Hawaii - Manoa	2	156,976	49	97,716	37	144,790	82
University of Houston - University Park	2	51,567	105	21,876	116	294,158	48
University of Louisville	2	72,857	86	25,116	102	478,917	28
University of Oklahoma - Norman	2	90,704	78	34,350	85	398,805	34
University of Texas Medical Branch - Galveston	2	102,722	70	64,682	58	295,898	47
Clemson University	1	123,885	57	48,560	71	200,989	69
Medical University of South Carolina	1	116,687	60	60,543	61	69,829	126
Oregon State University	1	153,925	52	84,854	45	235,572	60
Temple University	1	60,182	97	41,643	80	141,164	84
University of Alabama - Tuscaloosa	1	33,133	122	22,183	114	354,909	40
University of California - Riverside	1	94,455	74	25,713	100	65,881	131
University of Maryland - Baltimore County	1	29,641	129	23,695	106	13,594	229
University of South Florida	1	171,550	43	58,826	62	245,803	59
University of Texas Health Science Center - Houston	1	125,439	56	88,545	42	87,927	113
University of Texas Health Science Ctr - San Antonio	1	115,154	62	71,153	51	226,799	63
Utah State University	1	121,359	58	74,251	50	74,324	122

Support		Faculty				Advanced Training				Undergraduate	
2002 Annual Giving x \$1000	Giving Control Rank	2002 National Academy Members	National Academy Control Rank	2002 Faculty Awards	Faculty Awards Control Rank	2002 Doctorates Granted	Doctorates Control Rank	2001 Postdoctoral Appointees	Postdocs Control Rank	2001 SAT Range (V; Q) or ACT Range	SAT Control Rank
53,177	38	3	41	9	26	136	32	67	39	630-710; 610-700	49
63,354	30	11	29	9	26	102	46	91	35	620-710; 620-720	43
56,014	37	2	45	4	46	120	36	37	47	600-690; 620-700	62
57,167	36	12	27	4	46	115	39	64	40	580-680; 650-720	56
58,738	34	2	45	4	46	24	132	103	33	610-680; 620-700	62
38,785	46	1	55	5	38	129	33	27	53	540-640; 570-660	135
31,903	50	5	36	3	57	5	237	235	26	NA	
23,868	75	4	39	5	38	86	50	52	43	510-610; 540-640	207
29,600	55	3	41	0	225	32	110	59	41	NA	
24,110	74	1	55	1	109	110	42	29	52	540-650; 550-660	144
NR		2	45	0	225	0	306	NR	91	NA	
NR		6	35	1	109	102	46	14	65	440-670; 410-660	358
17,400	107	1	55	1	109	17	159	121	29	NA	
27,701	56	0	74	2	76	60	72	32	50	520-620; 540-640	207
NR		0	74	0	225	NR		NR	91	NA	
25,467	69	0	74	1	109	41	93	NR	91	520-630; 530-650	195
13,800	136	0	74	2	76	NR		26	54	NR	
24,690	72	0	74	0	225	66	65	41	44	NA	
60,720	47	9	35	13	26	239	38	180	44	510-660; 550-690	31
60,958	46	3	64	10	36	216	44	250	31	500-610; 510-630	72
74,659	31	6	47	12	33	177	53	265	26	21-26	109
90,339	26	5	53	13	26	252	36	142	52	24-29	34
62,159	42	6	47	10	36	34	150	160	49	NA	
22,820	100	6	47	5	66	148	64	218	37	500-600; 510-610	89
61,223	44	7	43	6	56	248	37	116	64	530-630; 530-640	54
61,400	43	2	70	7	50	222	41	84	70	21-26	109
41,915	61	11	33	3	96	81	93	181	43	NA	
18,000	108	1	82	7	50	66	105	155	50	NA	
NR	71	3	64	7	50	189	50	51	93	460-610; 460-590	152
64,235	40	1	82	10	36	253	35	133	56	490-600; 500-610	93
		5	53	5	66	202	48	191	41	17-24	345
60,505	48	4	60	13	26	313	27	81	72	490-600; 500-610	93
22,222	102	9	35	10	36	287	29	134	55	500-610; 510-620	79
		4	60	7	50	14	187	256	30	NA	
67,142	37	7	43	8	47	137	68	63	82	500-620; 500-610	86
NR	35	1	82	5	66	276	31	120	62	NA	123
39,747	65	6	47	6	56	161	56	161	48	450-570; 460-580	207
13,513	124	9	35	5	66	93	86	172	47	510-630; 520-630	62
34,607	73	1	82	8	47	221	42	120	62	510-610; 530-630	65
18,269	107	5	53	3	96	110	82	69	78	470-570; 510-610	127
32,302	77	9	35	4	79	183	52	61	86	450-560; 470-590	198
37,960	68	1	82	8	47	90	87	101	68	18-25	245
67,579	36	2	70	2	123	158	58	48	96	22-27	72
41,041	62	2	70	2	123	40	137	235	33	NA	
40,039	64	1	82	4	79	116	76	37	106	530-630; 560-650	40
30,123	81	0	114	0	301	39	138	216	38	NA	
43,621	59	5	53	3	96	156	60	107	67	470-590; 480-610	131
32,898	75	0	114	3	96	226	40	51	93	470-580; 460-570	191
54,569	53	0	114	3	96	157	59	30	118	490-610; 490-610	93
30,332	80	4	60	4	79	116	76	224	35	450-570; 490-620	144
10,491	145	0	114	2	123	53	121	38	103	530-630; 560-660	38
40,819	63	3	64	5	66	165	55	71	77	470-570; 470-580	185
34,875	72	5	53	5	66	82	92	58	88	NA	
29,419	83	1	82	9	44	34	150	113	65	NA	
11,937	136	0	114	3	96	69	104	30	118	460-590; 460-590	167

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

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 2001. 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 four years of data for each measure, which correspond to the same data years used in each of the four *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 Expenditures** (1998-2001)
- **Federal Research Expenditures** (1998-2001)
- **Research by Major Discipline** (2001)
- **Endowment Assets** (1999-2002)
- **Annual Giving** (1999-2002)
- **National Academy Membership** (1999-2002)
- **Faculty Awards** (1999-2002)
- **Doctorates Awarded** (1998, 2000-2002)
- **Postdoctoral Appointees** (1998-2001)
- **SAT Scores** (1998-2001)
- **National Merit and Achievement Scholars** (1999-2002)

- **Change: Research** presents trend data on total, federal, and non-federal research (1992 and 2001) in constant dollars.
- **Change: Private Support and Doctorates** provides trend data on endowment assets (1994 and 2002) and annual giving (1993 and 2002) in constant dollars, and doctorates awarded (1993 and 2002).
- **Change: Students** includes trend data on median SAT scores (1995 and 2001), National Merit and Achievement Scholars (1993 and 2002), and student headcount enrollment (1992 and 2001).
- **Institutional Characteristics** 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.
- **Student Characteristics** provides headcount enrollment data broken out by level (i.e., undergraduate, graduate, first-professional), part-time enrollment by level, and degrees awarded.
- **TheCenter Measures** presents 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 three years (2000-2002 reports).

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 online tables contain data on all institutions reporting any federal research since

Total Research Expenditures							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 Total Research x \$1000	2001 National Rank	2001 Control Rank	2000 Total Research x \$1000	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	118,763	86	59	108,117	88	60
Public	Auburn University	106,347	96	68	92,612	100	71
Private	Baylor College of Medicine	381,461	20	7	334,175	23	9
Private	Boston College	30,768	177	50	27,767	177	50
Private	Boston University	172,031	64	22	154,029	65	21
Private	Brandeis University	52,818	141	39	47,658	146	39
Private	Brown University	91,636	110	33	81,476	113	34
Private	California Institute of Technology	215,085	46	16	222,666	41	14
Private	Carnegie Mellon University	144,882	81	27	137,980	75	25
Private	Case Western Reserve University	198,253	51	17	193,057	48	17
Private	Charles R. Drew University of Medicine and Science	36,717	164	46	31,045	171	47
Public	Clemson University	123,885	84	57	114,903	86	58
Public	Colorado State University	161,144	68	46	152,279	66	46
Private	Columbia University	354,497	25	10	319,693	24	10
Private	Cornell University	443,828	12	4	410,393	13	5
Private	Dartmouth College	109,096	95	28	78,874	115	35
Public	Desert Research Institute	29,697	179	128	25,691	186	134
Private	Drexel University	27,698	187	53	24,876	189	53
Private	Duke University	375,133	21	8	356,625	20	7
Private	Emory University	236,997	40	14	206,070	43	15
Public	Florida A&M University	23,865	198	142	21,612	199	143
Public	Florida International University	44,291	150	109	34,649	162	117
Public	Florida State University	113,817	90	63	105,095	90	61
Public	George Mason University	32,881	170	123	26,793	181	130
Private	George Washington University	73,805	122	37	69,300	121	37
Private	Georgetown University	99,228	102	31	133,211	80	27
Public	Georgia Institute of Technology	306,533	29	17	304,511	26	16
Private	Harvard University	372,107	22	9	341,810	22	8
Private	Howard University	30,148	178	51	27,254	179	51
Public	Indiana University - Bloomington	103,960	98	69	91,095	102	73
Public	Indiana University-Purdue University - Indianapolis	155,939	73	51	136,642	76	51
Public	Iowa State University	179,196	60	40	175,558	55	37
Public	Jackson State University	25,663	192	137	12,027	237	172
Private	Johns Hopkins University	999,246	1	1	901,156	1	1
Public	Kansas State University	94,030	107	75	91,790	101	72
Private	Loma Linda University	26,451	190	54	24,369	190	54
Public	Louisiana State University - Baton Rouge	185,549	58	38	173,351	56	39
Public	Louisiana State University Health Sciences Center	59,160	137	99	55,271	134	97
Private	Loyola University Chicago	37,156	162	45	30,034	173	49
Private	Massachusetts Institute of Technology	435,495	13	5	426,299	11	4
Private	MCP Hahnemann University	32,462	171	48	41,670	151	41
Public	Medical College of Georgia	52,191	142	103	45,596	148	109
Private	Medical College of Wisconsin	83,857	117	36	70,581	120	36
Public	Medical University of South Carolina	116,687	87	60	65,243	125	88
Public	Michigan State University	265,946	35	23	238,436	36	26
Public	Mississippi State University	146,939	79	54	132,503	81	54
Public	Montana State University - Bozeman	69,593	128	90	65,324	124	87
Private	Mount Sinai School of Medicine	176,946	61	21	149,846	67	22
Public	New Mexico State University - Las Cruces	86,963	116	81	79,695	114	80
Private	New York University	190,722	55	19	182,205	53	18
Public	North Carolina State University	299,259	31	19	277,946	30	18
Private	Northeastern University	34,467	167	47	35,340	160	45
Private	Northwestern University	257,933	36	13	245,774	35	13
Public	Ohio State University - Columbus	390,652	19	13	361,399	19	13
Public	Oklahoma State University - Stillwater	90,311	113	79	88,285	106	75
Public	Oregon Health & Science University	136,785	82	55	131,486	82	55
Public	Oregon State University	153,925	74	52	140,751	72	50
Public	Pennsylvania State University - Hershey Medical Ctr	45,807	148	108	55,585	133	96

1999 Total Research x \$1000	1999 National Rank	1999 Control Rank	1998 Total Research x \$1000	1998 National Rank	1998 Control Rank
107,184	85	57	92,019	93	63
80,544	103	72	87,768	97	66
272,198	27	12	216,528	35	13
21,726	194	55	17,774	206	56
141,102	66	22	130,054	70	23
48,305	135	39	44,589	140	41
76,330	109	33	73,977	110	35
212,216	38	14	185,066	41	14
142,174	64	21	137,450	65	20
182,332	44	16	176,330	42	15
24,484	180	50	17,205	208	57
99,341	90	61	90,150	94	64
150,281	59	40	140,179	61	42
279,587	25	10	267,007	25	10
395,552	12	4	363,511	12	4
69,522	115	35	64,964	118	37
23,376	186	133	21,500	183	130
22,397	190	54	19,603	196	54
348,274	16	6	282,388	21	7
189,170	42	15	172,884	45	17
21,622	196	141	19,066	201	146
25,061	179	130	17,880	205	150
97,673	91	62	94,463	89	60
26,766	175	126	22,543	178	126
66,757	116	36	74,481	109	34
111,426	82	28	116,611	74	24
263,725	29	17	259,233	27	16
326,193	18	7	306,100	17	6
23,557	185	53	23,673	176	52
77,916	108	76	68,702	115	79
116,874	79	53	103,052	82	55
161,301	53	34	156,766	49	32
8,823	264	190	6,111	280	201
874,518	1	1	853,620	1	1
85,580	99	69	81,233	101	70
18,818	206	58	12,788	230	64
158,672	54	35	143,949	56	37
44,726	142	103	45,678	136	97
29,001	167	46	34,241	157	46
420,306	9	3	413,098	8	2
27,516	173	49	95,984	87	29
41,103	149	110	39,806	148	106
61,446	123	37	56,021	127	38
55,819	129	91	57,940	124	87
207,912	39	25	193,611	39	26
110,896	84	56	100,410	84	57
55,475	131	93	52,292	130	91
127,765	73	24	109,448	78	27
79,877	104	73	77,370	104	73
167,179	49	18	156,452	50	18
270,621	28	16	254,254	28	17
30,209	166	45	26,385	170	50
233,809	35	13	223,235	32	12
322,810	19	12	301,518	19	13
83,108	100	70	71,466	112	77
120,429	78	52	109,374	79	52
139,285	69	46	138,240	64	45
45,528	141	102	43,517	141	100

Total Research Expenditures							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Total Research x \$1000	2001 National Rank	2001 Control Rank	2000 Total Research x \$1000	2000 National Rank	2000 Control Rank
Public	Pennsylvania State University - University Park	412,259	15	10	371,990	16	11
Private	Princeton University	149,411	77	24	134,875	78	26
Public	Purdue University - West Lafayette	254,917	38	25	234,536	38	24
Private	Rensselaer Polytechnic Institute	45,010	149	41	40,762	153	42
Private	Rice University	42,675	154	42	41,840	150	40
Private	Rockefeller University	145,571	80	26	124,138	83	28
Private	Rush University	70,219	126	38	68,189	122	38
Public	Rutgers the State University of NJ - New Brunswick	210,746	49	33	200,489	45	30
Private	Saint Louis University - St. Louis	32,442	173	49	31,002	172	48
Public	San Diego State University	58,332	138	100	55,002	135	98
Private	Stanford University	482,906	8	2	454,780	8	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	31,626	176	127	31,626	168	122
Public	Stony Brook University	168,487	66	44	163,307	60	41
Private	Syracuse University	42,476	155	43	40,063	154	43
Public	Temple University	60,182	135	97	52,466	138	100
Public	Texas A&M University	407,041	16	11	397,268	14	9
Private	Thomas Jefferson University	88,936	114	35	89,626	105	31
Private	Tufts University	105,806	97	29	105,783	89	29
Private	Tulane University	99,761	100	30	89,785	104	30
Public	University at Albany	70,119	127	89	82,792	111	79
Public	University at Buffalo	186,829	56	37	187,692	51	34
Public	University of Alabama - Birmingham	231,702	43	28	233,461	39	25
Public	University of Alabama - Huntsville	43,731	152	111	41,274	152	111
Public	University of Alabama - Tuscaloosa	33,133	169	122	31,847	167	121
Public	University of Alaska - Fairbanks	110,195	93	66	102,500	95	66
Public	University of Arizona	367,128	23	14	345,090	21	14
Public	University of Arkansas - Fayetteville	78,303	119	83	70,817	119	84
Public	University of Arkansas for Medical Sciences	51,921	143	104	49,074	142	104
Public	University of California - Berkeley	446,273	11	8	518,514	7	6
Public	University of California - Davis	432,396	14	9	364,789	17	12
Public	University of California - Irvine	179,866	59	39	158,437	63	44
Public	University of California - Los Angeles	693,801	2	1	530,826	4	3
Public	University of California - Riverside	94,455	106	74	83,580	110	78
Public	University of California - San Diego	556,533	6	5	518,559	6	5
Public	University of California - San Francisco	524,975	7	6	443,013	9	7
Public	University of California - Santa Barbara	116,372	88	61	118,154	85	57
Public	University of California - Santa Cruz	64,253	131	93	56,212	131	94
Public	University of Central Florida	79,287	118	82	47,646	147	108
Private	University of Chicago	194,125	53	18	170,678	59	20
Public	University of Cincinnati - Cincinnati	192,895	54	36	171,906	58	40
Public	University of Colorado - Boulder	201,010	50	34	207,973	42	28
Public	University of Colorado Health Sciences Center	160,808	69	47	142,454	70	48
Public	University of Connecticut - Health Center	72,321	124	87	70,877	118	83
Public	University of Connecticut - Storrs	92,045	109	77	90,207	103	74
Private	University of Dayton	41,343	157	44	39,345	155	44
Public	University of Delaware	77,491	120	84	74,711	116	81
Public	University of Florida	359,312	24	15	313,692	25	15
Public	University of Georgia	272,298	33	21	258,476	33	21
Public	University of Hawaii - Manoa	156,976	71	49	161,300	61	42
Public	University of Houston - University Park	51,567	144	105	48,902	143	105
Public	University of Idaho	67,496	129	91	61,347	129	92
Public	University of Illinois - Chicago	233,098	42	27	195,839	47	31
Public	University of Illinois - Urbana-Champaign	390,863	18	12	373,024	15	10
Public	University of Iowa	255,348	37	24	236,944	37	23
Public	University of Kansas - Lawrence	93,880	108	76	85,825	109	77
Public	University of Kansas Medical Center	62,587	133	95	62,845	128	91
Public	University of Kentucky	211,721	48	32	202,392	44	29
Public	University of Louisville	72,857	123	86	64,062	126	89

1999 Total Research x \$1000	1999 National Rank	1999 Control Rank	1998 Total Research x \$1000	1998 National Rank	1998 Control Rank
333,874	17	11	319,126	16	11
124,237	75	25	115,996	75	25
226,411	37	24	216,479	36	23
39,034	154	42	38,560	151	43
41,069	150	40	41,067	145	42
121,519	77	26	115,494	76	26
60,957	124	38	55,277	128	39
190,316	41	27	175,377	43	28
27,817	172	48	26,943	168	49
45,579	140	101	41,915	144	103
426,549	8	2	410,309	9	3
28,840	169	123	27,517	167	119
148,982	62	42	141,766	59	40
39,640	153	41	37,322	154	45
53,940	133	95	63,024	119	82
402,203	11	8	393,720	10	7
78,410	107	32	69,460	114	36
100,872	89	29	92,130	92	30
87,324	97	30	87,858	96	31
64,278	117	81	50,568	132	93
166,823	50	32	151,650	53	35
232,115	36	23	227,720	31	20
40,203	152	112	36,946	155	110
28,909	168	122	23,935	175	124
88,825	95	66	75,606	106	74
320,245	20	13	302,328	18	12
61,585	122	86	71,686	111	76
44,066	145	106	39,487	149	107
451,539	7	6	420,426	6	5
307,950	22	14	288,796	20	14
141,842	65	44	130,415	69	47
477,620	5	4	447,367	3	2
75,821	110	77	79,775	103	72
461,632	6	5	418,790	7	6
417,095	10	7	379,970	11	8
104,561	88	60	96,034	86	58
52,902	134	96	56,533	126	89
42,466	147	108	35,530	156	111
162,805	52	19	151,635	54	19
153,002	58	39	159,695	48	31
184,237	43	28	186,211	40	27
130,450	72	49	121,624	72	49
59,394	125	87	59,157	121	84
75,592	111	78	75,291	107	75
36,937	155	43	45,000	139	40
73,521	113	80	69,896	113	78
304,447	23	15	274,862	22	15
237,493	34	22	217,945	34	22
156,810	55	36	148,007	55	36
43,370	146	107	42,297	142	101
62,531	120	84	58,967	122	85
175,093	46	29	151,739	52	34
358,247	14	9	329,266	15	10
207,135	40	26	199,063	38	25
73,831	112	79	66,756	117	81
58,921	126	88	50,359	134	95
174,034	47	30	161,346	47	30
57,051	128	90	39,147	150	108

Total Research Expenditures							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Total Research x \$1000	2001 National Rank	2001 Control Rank	2000 Total Research x \$1000	2000 National Rank	2000 Control Rank
Public	University of Maine - Orono	64,070	132	94	54,821	136	99
Public	University of Maryland - Baltimore	239,007	39	26	224,346	40	27
Public	University of Maryland - Baltimore County	29,641	180	129	26,044	183	132
Public	University of Maryland - College Park	267,383	34	22	252,429	34	22
Public	University of Massachusetts - Amherst	97,976	105	73	96,907	98	69
Public	University of Massachusetts Medical Sch - Worcester	111,221	92	65	97,587	97	68
Public	University of Medicine & Dentistry of New Jersey	162,417	67	45	140,951	71	49
Private	University of Miami	153,772	75	23	145,795	68	23
Public	University of Michigan - Ann Arbor	600,523	4	3	551,556	3	2
Public	University of Minnesota - Twin Cities	462,011	10	7	411,380	12	8
Public	University of Mississippi - Oxford	39,552	160	116	31,427	170	124
Public	University of Missouri - Columbia	174,782	63	42	158,861	62	43
Public	University of Nebraska - Lincoln	157,520	70	48	136,023	77	52
Public	University of Nebraska Medical Center	60,695	134	96	51,547	139	101
Public	University of Nevada - Reno	59,229	136	98	56,248	130	93
Public	University of New Hampshire - Durham	87,879	115	80	72,108	117	82
Public	University of New Mexico - Albuquerque	156,619	72	50	133,980	79	53
Public	University of North Carolina - Chapel Hill	303,576	30	18	269,072	32	20
Private	University of Notre Dame	46,096	147	40	34,524	163	46
Public	University of Oklahoma - Norman	90,704	112	78	95,068	99	70
Public	University of Oklahoma Health Sciences Center	57,991	139	101	55,834	132	95
Public	University of Oregon	36,881	163	118	35,934	159	115
Private	University of Pennsylvania	469,852	9	3	430,389	10	3
Public	University of Pittsburgh - Pittsburgh	348,792	26	16	294,809	29	17
Public	University of Rhode Island	50,835	145	106	48,135	144	106
Private	University of Rochester	234,261	41	15	197,335	46	16
Public	University of South Carolina - Columbia	109,973	94	67	104,398	92	63
Public	University of South Florida	171,550	65	43	145,397	69	47
Private	University of Southern California	340,597	27	11	300,445	27	11
Public	University of Tennessee - Knoxville	111,710	91	64	112,495	87	59
Public	University of Tennessee Health Science Center	48,569	146	107	49,791	141	103
Public	University of Texas - Austin	295,104	32	20	272,811	31	19
Public	University of Texas Health Science Center - Houston	125,439	83	56	119,587	84	56
Public	University of Texas Health Science Ctr - San Antonio	115,154	89	62	103,824	93	64
Public	University of Texas MD Anderson Cancer Center	212,746	47	31	182,196	54	36
Public	University of Texas Medical Branch - Galveston	102,722	99	70	97,896	96	67
Public	University of Texas SW Medical Center - Dallas	222,376	44	29	189,216	50	33
Public	University of Utah	197,597	52	35	187,661	52	35
Public	University of Vermont	75,597	121	85	63,391	127	90
Public	University of Virginia	149,547	76	53	140,416	73	38
Public	University of Washington - Seattle	589,626	5	4	529,342	5	4
Public	University of Wisconsin - Madison	604,143	3	2	554,361	2	1
Public	University of Wyoming	41,632	156	113	43,094	149	110
Public	US Naval Postgraduate School	40,889	158	114	37,502	156	112
Public	Utah State University	121,359	85	58	103,161	94	65
Private	Vanderbilt University	186,504	57	20	171,926	57	19
Public	Virginia Commonwealth University	99,180	103	72	88,220	107	76
Public	Virginia Polytechnic Institute and State University	216,323	45	30	192,672	49	32
Private	Wake Forest University	98,343	104	32	86,840	108	32
Public	Washington State University - Pullman	99,302	101	71	104,796	91	62
Private	Washington University	406,642	17	6	362,216	18	6
Public	Wayne State University	175,984	62	41	156,814	64	45
Public	West Virginia University	71,311	125	88	66,130	123	86
Private	Woods Hole Oceanographic Institution	91,029	111	34	81,547	112	33
Private	Yale University	321,514	28	12	296,706	28	12
Private	Yeshiva University	148,230	78	25	139,618	74	24

1999 Total Research x \$1000	1999 National Rank	1999 Control Rank	1998 Total Research x \$1000	1998 National Rank	1998 Control Rank
41,452	148	109	33,106	160	114
140,903	67	45	143,321	57	38
21,854	193	139	18,155	204	149
257,628	31	19	223,190	33	21
86,576	98	68	89,970	95	65
83,040	101	71	82,950	99	68
126,277	74	50	114,491	77	51
139,608	68	23	136,972	66	21
508,619	2	1	496,761	2	1
356,529	15	10	345,910	13	9
10,294	246	180	9,922	249	182
149,002	61	41	136,061	67	46
131,046	71	48	118,857	73	50
54,205	132	94	50,453	133	94
47,939	136	97	45,476	137	98
57,613	127	89	52,359	129	90
115,850	80	54	125,910	71	48
252,767	32	20	235,296	30	19
30,483	165	44	28,873	166	48
79,568	106	75	68,505	116	80
62,517	121	85	58,356	123	86
32,695	160	117	33,315	159	113
383,569	13	5	333,477	14	5
249,477	33	21	213,842	37	24
44,452	144	105	37,940	152	109
177,126	45	17	174,617	44	16
105,835	86	58	92,785	91	62
123,961	76	51	104,325	81	54
280,741	24	9	268,806	24	9
111,251	83	55	105,486	80	53
47,679	137	98	45,208	138	99
258,122	30	18	244,843	29	18
105,307	87	59	101,993	83	56
87,804	96	67	82,357	100	69
155,126	56	37	141,260	60	41
93,580	94	65	86,488	98	67
165,520	51	33	153,711	51	33
153,843	57	38	142,956	58	39
64,049	118	82	57,832	125	88
131,138	70	47	139,135	62	43
482,659	4	3	438,191	5	4
499,688	3	2	443,695	4	3
47,197	138	99	48,500	135	96
34,095	158	115	34,095	158	112
95,364	93	64	94,228	90	61
149,675	60	20	135,214	68	22
79,785	105	74	80,538	102	71
169,250	48	31	167,118	46	29
82,827	102	31	76,893	105	32
96,943	92	63	95,422	88	59
315,606	21	8	269,550	23	8
146,832	63	43	138,456	63	44
63,392	119	83	62,362	120	83
71,722	114	34	75,011	108	33
274,050	26	11	262,680	26	11
111,771	81	27	99,000	85	28

Federal Research Expenditures							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 Federal Research x \$1000	2001 National Rank	2001 Control Rank	2000 Federal Research x \$1000	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	56,616	99	65	49,935	100	65
Public	Auburn University	40,097	119	82	31,515	123	83
Private	Baylor College of Medicine	234,394	19	11	193,249	25	13
Private	Boston College	20,123	171	53	16,673	169	53
Private	Boston University	150,771	38	19	133,730	39	19
Private	Brandeis University	30,031	135	42	26,444	140	46
Private	Brown University	58,367	96	34	49,943	99	35
Private	California Institute of Technology	193,554	28	13	196,877	21	12
Private	Carnegie Mellon University	97,463	62	25	91,191	64	26
Private	Case Western Reserve University	158,852	33	16	150,586	31	15
Private	Charles R. Drew University of Medicine and Science	27,415	142	46	21,969	152	49
Public	Clemson University	48,560	108	71	31,304	124	84
Public	Colorado State University	101,308	58	34	101,429	54	31
Private	Columbia University	317,928	7	4	283,163	8	5
Private	Cornell University	240,466	18	10	229,872	16	9
Private	Dartmouth College	69,844	83	31	56,369	92	32
Public	Desert Research Institute	22,018	165	115	19,923	160	110
Private	Drexel University	20,159	170	52	14,292	184	56
Private	Duke University	218,109	22	12	204,180	20	11
Private	Emory University	170,317	30	14	144,914	34	17
Public	Florida A&M University	22,477	162	112	16,278	174	121
Public	Florida International University	23,940	152	104	20,296	158	108
Public	Florida State University	57,075	98	64	56,830	91	60
Public	George Mason University	25,992	145	98	20,669	157	107
Private	George Washington University	51,757	104	37	49,627	101	36
Private	Georgetown University	93,626	66	26	98,836	56	24
Public	Georgia Institute of Technology	143,836	42	22	126,164	42	22
Private	Harvard University	300,414	11	6	281,699	9	6
Private	Howard University	27,848	141	45	25,292	145	48
Public	Indiana University - Bloomington	46,712	109	72	43,031	108	71
Public	Indiana University-Purdue University - Indianapolis	70,069	82	52	64,546	82	51
Public	Iowa State University	62,024	92	59	59,976	88	57
Public	Jackson State University	22,750	160	110	10,690	210	150
Private	Johns Hopkins University	879,741	1	1	793,266	1	1
Public	Kansas State University	33,998	127	87	31,185	125	85
Private	Loma Linda University	20,494	169	51	18,811	164	51
Public	Louisiana State University - Baton Rouge	65,291	88	57	44,504	106	69
Public	Louisiana State University Health Sciences Center	20,818	168	118	28,482	132	91
Private	Loyola University Chicago	26,474	144	47	20,695	156	50
Private	Massachusetts Institute of Technology	304,319	9	5	306,668	7	4
Private	MCP Hahnemann University	22,944	158	50	27,379	136	42
Public	Medical College of Georgia	21,116	167	117	15,210	180	125
Private	Medical College of Wisconsin	64,003	91	33	55,034	93	33
Public	Medical University of South Carolina	60,543	94	61	41,432	109	72
Public	Michigan State University	112,359	51	30	97,112	58	33
Public	Mississippi State University	65,493	87	56	53,808	94	61
Public	Montana State University - Bozeman	34,857	123	84	30,564	127	87
Private	Mount Sinai School of Medicine	109,344	55	23	98,188	57	25
Public	New Mexico State University - Las Cruces	61,124	93	60	57,073	90	59
Private	New York University	129,897	46	21	117,163	46	21
Public	North Carolina State University	95,875	64	39	77,328	70	44
Private	Northeastern University	23,532	156	49	26,916	138	44
Private	Northwestern University	158,129	34	17	150,238	32	16
Public	Ohio State University - Columbus	161,092	32	17	132,219	40	21
Public	Oklahoma State University - Stillwater	25,636	149	101	24,770	146	98
Public	Oregon Health & Science University	111,671	53	31	109,165	49	28
Public	Oregon State University	84,854	71	45	80,398	68	42
Public	Pennsylvania State University - Hershey Medical Ctr	24,595	151	103	29,390	130	89

1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank	1998 Federal Research x \$1000	1998 National Rank	1998 Control Rank
53,905	90	59	41,359	105	67
27,058	130	88	27,706	128	85
141,111	30	13	110,610	40	18
14,492	174	51	12,778	179	55
123,390	39	19	104,428	43	20
29,423	123	42	28,098	125	43
45,276	100	36	44,412	97	36
195,303	18	11	177,748	18	11
90,408	56	23	95,046	49	23
140,178	32	14	132,274	30	13
22,212	148	47	16,052	161	52
27,064	129	87	28,199	124	82
91,943	55	33	80,451	61	37
240,158	11	6	229,723	11	6
234,792	12	7	204,187	15	8
46,741	97	35	45,053	95	35
16,552	164	114	15,400	164	112
12,914	186	55	10,929	194	59
186,757	21	12	172,532	19	12
132,816	36	17	118,045	36	17
20,693	152	104	15,726	162	110
15,757	168	118	14,243	169	117
55,666	85	54	50,451	90	57
19,492	156	108	17,268	159	108
49,944	93	33	45,072	94	34
83,972	64	26	84,801	55	24
112,861	43	23	113,643	39	22
266,019	8	5	251,876	7	4
21,658	149	48	21,501	150	49
40,905	105	68	38,336	106	68
61,357	77	49	57,504	80	50
54,179	89	58	51,196	89	56
7,925	222	157	5,326	245	176
770,580	1	1	752,983	1	1
28,102	126	84	27,001	130	87
12,217	192	57	7,834	220	64
37,291	107	70	31,199	117	77
24,150	138	96	23,828	137	92
17,588	161	49	17,685	158	51
308,921	5	3	310,741	5	3
17,281	162	50	61,102	76	30
13,991	179	127	13,127	174	121
47,087	96	34	43,831	99	38
30,997	118	79	36,473	107	69
89,835	57	34	81,146	60	36
46,528	98	63	42,004	102	64
26,231	133	91	23,982	136	91
84,624	62	25	69,995	68	26
56,875	82	52	56,587	82	51
111,124	45	21	101,426	45	22
66,310	73	46	79,533	63	38
22,776	147	46	21,454	151	50
132,647	37	18	127,911	33	15
135,216	34	19	124,177	35	19
23,179	145	101	23,220	140	94
95,655	52	30	82,146	59	35
81,649	65	39	82,416	58	34
23,893	140	98	22,353	144	97

Federal Research Expenditures							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Federal Research x \$1000	2001 National Rank	2001 Control Rank	2000 Federal Research x \$1000	2000 National Rank	2000 Control Rank
Public	Pennsylvania State University - University Park	221,356	21	10	196,684	22	10
Private	Princeton University	78,620	74	27	74,681	72	27
Public	Purdue University - West Lafayette	98,151	60	36	92,010	62	37
Private	Rensselaer Polytechnic Institute	25,894	147	48	25,555	144	47
Private	Rice University	35,682	122	39	35,144	120	38
Private	Rockefeller University	55,362	101	36	45,211	104	37
Private	Rush University	37,301	121	38	32,573	121	39
Public	Rutgers the State University of NJ - New Brunswick	68,669	84	53	70,943	75	48
Private	Saint Louis University - St. Louis	28,117	140	44	26,453	139	45
Public	San Diego State University	23,621	155	107	22,802	151	103
Private	Stanford University	384,468	4	2	367,083	3	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	22,860	159	109	22,860	150	102
Public	Stony Brook University	93,265	67	41	96,641	59	34
Private	Syracuse University	30,036	134	41	29,620	129	41
Public	Temple University	41,643	117	80	38,213	114	77
Public	Texas A&M University	149,382	39	20	149,639	33	17
Private	Thomas Jefferson University	64,881	89	32	67,448	76	28
Private	Tufts University	71,669	80	30	64,677	81	31
Private	Tulane University	55,669	100	35	52,080	96	34
Public	University at Albany	46,671	110	73	62,059	86	55
Public	University at Buffalo	96,595	63	38	96,410	60	35
Public	University of Alabama - Birmingham	194,625	27	15	175,309	29	16
Public	University of Alabama - Huntsville	30,625	130	90	25,939	143	97
Public	University of Alabama - Tuscaloosa	22,183	164	114	19,486	163	113
Public	University of Alaska - Fairbanks	55,287	102	66	46,605	103	67
Public	University of Arizona	199,484	24	12	187,161	26	13
Public	University of Arkansas - Fayetteville	23,172	157	108	20,778	155	106
Public	University of Arkansas for Medical Sciences	34,219	125	86	29,962	128	88
Public	University of California - Berkeley	208,080	23	11	208,338	19	9
Public	University of California - Davis	154,937	37	19	141,740	35	18
Public	University of California - Irvine	101,735	57	33	88,274	65	39
Public	University of California - Los Angeles	312,858	8	4	274,162	11	5
Public	University of California - Riverside	25,713	148	100	21,085	154	105
Public	University of California - San Diego	343,276	6	3	326,037	5	3
Public	University of California - San Francisco	277,489	13	6	248,878	13	6
Public	University of California - Santa Barbara	76,828	77	49	80,754	67	41
Public	University of California - Santa Cruz	29,201	139	96	25,959	142	96
Public	University of Central Florida	22,342	163	113	13,801	187	131
Private	University of Chicago	155,566	35	18	140,872	36	18
Public	University of Cincinnati - Cincinnati	128,049	47	26	110,296	48	27
Public	University of Colorado - Boulder	172,840	29	16	178,777	28	15
Public	University of Colorado Health Sciences Center	132,716	44	24	119,590	45	25
Public	University of Connecticut - Health Center	39,907	120	83	37,702	117	80
Public	University of Connecticut - Storrs	30,106	133	93	28,442	133	92
Private	University of Dayton	34,102	126	40	31,717	122	40
Public	University of Delaware	41,830	116	79	37,716	116	79
Public	University of Florida	139,744	43	23	120,374	44	24
Public	University of Georgia	66,913	86	55	62,678	85	54
Public	University of Hawaii - Manoa	97,716	61	37	95,419	61	36
Public	University of Houston - University Park	21,876	166	116	21,365	153	104
Public	University of Idaho	26,548	143	97	23,014	149	101
Public	University of Illinois - Chicago	125,109	49	28	101,943	52	30
Public	University of Illinois - Urbana-Champaign	195,316	25	13	193,490	24	12
Public	University of Iowa	155,249	36	18	140,764	37	19
Public	University of Kansas - Lawrence	43,951	113	76	40,114	110	73
Public	University of Kansas Medical Center	30,543	131	91	28,836	131	90
Public	University of Kentucky	86,239	69	43	73,858	73	46
Public	University of Louisville	25,116	150	102	17,713	167	115

1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank	1998 Federal Research x \$1000	1998 National Rank	1998 Control Rank
175,212	25	13	163,921	26	14
72,974	69	27	69,005	69	27
95,708	51	29	92,844	50	27
22,803	146	45	21,774	148	48
35,012	111	38	34,772	110	40
45,010	101	37	43,845	98	37
31,119	117	39	28,444	123	42
67,341	72	45	62,148	74	46
23,722	143	43	23,341	139	46
19,724	155	107	19,721	154	104
353,947	3	2	342,426	2	2
21,053	151	103	18,318	156	106
93,937	53	31	91,531	51	28
30,050	121	41	29,200	120	41
29,734	122	81	28,793	122	81
149,151	28	16	144,938	28	16
56,369	83	31	51,728	88	33
62,836	75	28	61,167	75	29
50,779	92	32	52,924	86	32
46,242	99	64	33,894	111	71
85,490	60	36	76,037	65	40
165,223	26	14	166,830	24	12
25,166	134	92	23,772	138	93
17,601	160	112	14,909	167	115
34,647	112	74	31,505	115	75
178,126	24	12	161,999	27	15
15,851	167	117	16,156	160	109
26,392	131	89	21,857	147	100
191,025	20	9	171,747	20	8
124,463	38	20	114,018	38	21
75,505	66	40	66,602	71	44
251,999	9	4	234,005	10	5
19,994	154	106	22,999	142	95
292,007	6	3	263,103	6	3
233,181	13	6	219,630	12	6
74,026	68	42	68,680	70	43
25,084	135	93	29,881	119	79
16,048	166	116	13,502	172	119
135,720	33	15	125,982	34	16
100,325	50	28	90,307	52	29
140,959	31	18	137,241	29	17
101,044	49	27	89,022	53	30
31,633	116	78	30,318	118	78
23,863	141	99	22,871	143	96
30,755	119	40	36,329	108	39
34,628	113	75	33,688	112	72
122,296	41	22	106,510	41	23
56,080	84	53	54,712	84	53
93,418	54	32	86,886	54	31
20,443	153	105	22,018	145	98
24,263	137	95	18,352	155	105
86,406	59	35	73,797	66	41
185,767	22	10	171,250	22	10
122,638	40	21	115,312	37	20
33,176	115	77	28,823	121	80
24,096	139	97	21,744	149	101
66,184	74	47	60,760	77	47
15,536	170	120	15,067	165	113

Federal Research Expenditures

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001	2001	2001	2000	2000	2000
		Federal Research x \$1000	National Rank	Control Rank	Federal Research x \$1000	National Rank	Control Rank
Public	University of Maine - Orono	23,873	153	105	24,412	147	99
Public	University of Maryland - Baltimore	99,091	59	35	91,212	63	38
Public	University of Maryland - Baltimore County	23,695	154	106	20,244	159	109
Public	University of Maryland - College Park	145,515	41	21	136,605	38	20
Public	University of Massachusetts - Amherst	49,576	105	68	44,712	105	68
Public	University of Massachusetts Medical Sch - Worcester	79,453	72	46	64,212	84	53
Public	University of Medicine & Dentistry of New Jersey	86,054	70	44	75,318	71	45
Private	University of Miami	111,803	52	22	106,633	51	22
Public	University of Michigan - Ann Arbor	396,117	3	2	364,033	4	2
Public	University of Minnesota - Twin Cities	264,289	15	8	229,958	15	7
Public	University of Mississippi - Oxford	30,108	132	92	19,711	162	112
Public	University of Missouri - Columbia	68,435	85	54	65,420	79	49
Public	University of Nebraska - Lincoln	43,877	114	77	37,831	115	78
Public	University of Nebraska Medical Center	22,497	161	111	19,878	161	111
Public	University of Nevada - Reno	31,386	129	89	26,267	141	95
Public	University of New Hampshire - Durham	45,223	111	74	38,921	112	75
Public	University of New Mexico - Albuquerque	109,505	54	32	100,442	55	32
Public	University of North Carolina - Chapel Hill	221,615	20	9	194,794	23	11
Private	University of Notre Dame	29,801	137	43	27,362	137	43
Public	University of Oklahoma - Norman	34,350	124	85	36,931	118	81
Public	University of Oklahoma Health Sciences Center	25,914	146	99	23,611	148	100
Public	University of Oregon	32,232	128	88	30,793	126	86
Private	University of Pennsylvania	351,996	5	3	312,434	6	3
Public	University of Pittsburgh - Pittsburgh	268,571	14	7	228,155	17	8
Public	University of Rhode Island	43,161	115	78	38,538	113	76
Private	University of Rochester	166,945	31	15	150,593	30	14
Public	University of South Carolina - Columbia	51,983	103	67	51,872	97	63
Public	University of South Florida	58,826	95	62	50,557	98	64
Private	University of Southern California	246,207	17	9	210,872	18	10
Public	University of Tennessee - Knoxville	48,739	107	70	44,467	107	70
Public	University of Tennessee Health Science Center	29,872	136	94	27,505	135	94
Public	University of Texas - Austin	195,184	26	14	178,889	27	14
Public	University of Texas Health Science Center - Houston	88,545	68	42	79,665	69	43
Public	University of Texas Health Science Ctr - San Antonio	71,153	81	51	65,251	80	50
Public	University of Texas MD Anderson Cancer Center	94,053	65	40	81,872	66	40
Public	University of Texas Medical Branch - Galveston	64,682	90	58	61,357	87	56
Public	University of Texas SW Medical Center - Dallas	131,820	45	25	109,165	49	28
Public	University of Utah	127,253	48	27	124,344	43	23
Public	University of Vermont	48,810	106	69	39,861	111	74
Public	University of Virginia	122,868	50	29	115,684	47	26
Public	University of Washington - Seattle	435,103	2	1	389,622	2	1
Public	University of Wisconsin - Madison	304,009	10	5	278,629	10	4
Public	University of Wyoming	20,017	172	119	16,556	172	119
Public	US Naval Postgraduate School	40,121	118	81	36,476	119	82
Public	Utah State University	74,251	79	50	57,378	89	58
Private	Vanderbilt University	146,230	40	20	129,986	41	20
Public	Virginia Commonwealth University	57,315	97	63	52,137	95	62
Public	Virginia Polytechnic Institute and State University	77,384	76	48	71,127	74	47
Private	Wake Forest University	78,021	75	28	65,585	78	30
Public	Washington State University - Pullman	43,989	112	75	48,441	102	66
Private	Washington University	284,928	12	7	254,148	12	7
Public	Wayne State University	79,448	73	47	64,320	83	52
Public	West Virginia University	29,440	138	95	28,013	134	93
Private	Woods Hole Oceanographic Institution	75,670	78	29	67,036	77	28
Private	Yale University	250,702	16	8	232,019	14	8
Private	Yeshiva University	107,800	56	24	101,631	53	23

1999 Federal Research x \$1000	1999 National Rank	1999 Control Rank	1998 Federal Research x \$1000	1998 National Rank	1998 Control Rank
19,163	157	109	13,028	176	123
84,516	63	38	78,037	64	39
15,624	169	119	12,618	180	125
145,081	29	17	129,198	32	18
39,877	106	69	43,196	100	62
55,516	86	55	53,766	85	54
61,730	76	48	59,828	78	48
101,883	48	22	101,492	44	21
334,226	4	2	311,450	4	2
207,761	16	7	204,741	14	7
7,319	230	164	6,721	229	163
53,875	91	60	45,448	93	60
36,977	108	71	41,888	103	65
17,167	163	113	15,663	163	111
24,587	136	94	20,383	153	103
30,586	120	80	25,913	133	89
84,976	61	37	84,365	56	32
182,935	23	11	171,505	21	9
23,614	144	44	23,053	141	47
29,370	124	82	27,770	127	84
28,219	125	83	26,681	132	88
27,336	128	86	27,041	129	86
279,013	7	4	247,914	8	5
194,618	19	8	168,511	23	11
36,207	109	72	33,308	113	73
132,852	35	16	130,773	31	14
48,490	94	61	42,586	101	63
42,005	104	67	35,930	109	70
199,619	17	10	190,547	16	9
42,112	103	66	41,876	104	66
28,075	127	85	27,917	126	83
164,913	27	15	165,082	25	13
71,288	70	43	70,446	67	42
56,904	81	51	51,954	87	55
69,413	71	44	63,074	73	45
55,061	87	56	48,588	91	58
101,996	47	26	97,200	48	26
111,716	44	24	100,722	46	24
36,085	110	73	31,460	116	76
108,495	46	25	99,173	47	25
368,112	2	1	342,291	3	1
249,212	10	5	240,513	9	4
19,109	158	110	17,806	157	107
33,308	114	76	33,308	113	73
54,433	88	57	54,903	83	52
116,887	42	20	106,325	42	19
48,175	95	62	48,167	92	59
75,386	67	41	82,734	57	33
60,293	78	29	56,705	81	31
44,610	102	65	44,510	96	61
218,598	14	8	187,173	17	10
57,610	80	50	57,646	79	49
26,264	132	90	24,985	134	90
59,534	79	30	64,765	72	28
213,404	15	9	205,046	13	7
89,680	58	24	80,000	62	25

Research by Major Discipline		2001 Total Research by Major Discipline					
Institutions with Over \$20 Million in Federal Research, Alphabetically		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Public	Arizona State University - Tempe	12.9%	18.7%	8.3%	35.8%	2.7%	1.7%
Public	Auburn University	55.1%	3.9%	0.7%	29.7%	0.3%	0.2%
Private	Baylor College of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Boston College	9.6%	25.4%	1.7%	0.0%	0.2%	47.2%
Private	Boston University	68.9%	7.8%	1.8%	10.6%	0.6%	1.2%
Private	Brandeis University	43.4%	9.9%	0.0%	0.0%	2.5%	0.7%
Private	Brown University	46.3%	10.4%	6.0%	15.6%	6.0%	7.4%
Private	California Institute of Technology	15.7%	50.0%	5.0%	21.6%	2.0%	0.2%
Private	Carnegie Mellon University	8.1%	6.4%	2.3%	28.0%	41.7%	2.2%
Private	Case Western Reserve University	77.4%	3.0%	0.2%	11.1%	0.0%	0.2%
Private	Charles R. Drew University of Medicine and Science	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Clemson University	40.4%	6.5%	0.8%	40.6%	1.5%	1.5%
Public	Colorado State University	55.8%	5.3%	9.7%	17.8%	0.8%	0.7%
Private	Columbia University	67.9%	9.8%	13.1%	4.7%	1.7%	0.2%
Private	Cornell University	64.1%	13.8%	0.9%	12.0%	3.9%	0.6%
Private	Dartmouth College	68.3%	3.5%	1.4%	13.0%	4.0%	0.3%
Public	Desert Research Institute	0.0%	0.0%	76.7%	0.0%	0.0%	0.0%
Private	Drexel University	1.2%	7.9%	2.9%	82.2%	5.9%	0.0%
Private	Duke University	83.4%	3.6%	2.2%	4.4%	1.0%	0.4%
Private	Emory University	93.3%	4.0%	0.0%	0.0%	0.0%	0.3%
Public	Florida A&M University	57.7%	7.8%	9.7%	15.7%	7.5%	0.7%
Public	Florida International University	12.8%	4.5%	14.5%	43.4%	4.7%	0.0%
Public	Florida State University	11.3%	37.4%	13.1%	10.4%	2.2%	3.7%
Public	George Mason University	13.5%	0.9%	22.5%	27.8%	3.7%	1.6%
Private	George Washington University	49.0%	3.8%	0.2%	15.1%	0.0%	19.9%
Private	Georgetown University	91.0%	5.8%	0.0%	0.0%	0.1%	0.1%
Public	Georgia Institute of Technology	2.3%	6.9%	5.5%	65.8%	11.7%	2.6%
Private	Harvard University	74.9%	9.5%	3.7%	1.3%	0.7%	0.5%
Private	Howard University	64.8%	6.6%	0.0%	8.0%	10.0%	0.8%
Public	Indiana University - Bloomington	28.4%	26.6%	3.8%	0.0%	1.7%	1.5%
Public	Indiana University-Purdue University - Indianapolis	76.8%	4.7%	0.0%	2.0%	0.4%	0.4%
Public	Iowa State University	48.6%	5.9%	2.4%	24.6%	2.1%	3.5%
Public	Jackson State University	18.9%	14.6%	13.7%	2.0%	23.5%	1.6%
Private	Johns Hopkins University	43.7%	11.1%	3.7%	28.5%	7.0%	2.4%
Public	Kansas State University	64.1%	10.6%	0.8%	16.1%	1.1%	0.7%
Private	Loma Linda University	88.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Louisiana State University - Baton Rouge	54.8%	6.0%	17.6%	15.7%	1.6%	0.9%
Public	Louisiana State University Health Sciences Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Loyola University Chicago	81.7%	7.0%	0.2%	0.0%	0.0%	0.4%
Private	Massachusetts Institute of Technology	17.7%	21.3%	4.9%	34.2%	7.9%	1.2%
Private	MCP Hahnemann University	98.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Medical College of Georgia	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Medical College of Wisconsin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Medical University of South Carolina	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Michigan State University	61.6%	17.1%	1.0%	7.8%	1.4%	0.6%
Public	Mississippi State University	53.9%	3.6%	4.3%	30.4%	1.5%	0.6%
Public	Montana State University - Bozeman	60.5%	17.0%	0.8%	15.1%	0.2%	0.3%
Private	Mount Sinai School of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	New Mexico State University - Las Cruces	23.2%	6.7%	4.5%	58.1%	4.2%	0.3%
Private	New York University	80.0%	2.5%	0.3%	0.0%	3.8%	3.6%
Public	North Carolina State University	48.7%	8.5%	5.4%	27.4%	1.7%	3.9%
Private	Northeastern University	17.9%	28.1%	0.0%	40.2%	4.0%	0.8%
Private	Northwestern University	64.4%	8.8%	0.3%	18.5%	1.5%	0.3%
Public	Ohio State University - Columbus	50.5%	6.1%	2.2%	24.7%	5.8%	0.5%
Public	Oklahoma State University - Stillwater	55.5%	6.8%	1.9%	20.6%	1.1%	1.0%
Public	Oregon Health & Science University	96.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Oregon State University	58.1%	3.1%	23.6%	11.0%	1.7%	0.2%
Public	Pennsylvania State University - Hershey Medical Ctr	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

2001 Federal Research by Major Discipline

Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
5.4%	8.5%	6.1%	14.8%	17.1%	15.3%	32.6%	3.2%	2.3%	7.5%	3.2%	4.0%
0.2%	2.0%	8.0%	38.5%	7.3%	0.7%	37.7%	0.0%	0.3%	0.5%	2.8%	12.2%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.0%	13.9%	0.0%	5.3%	28.5%	2.3%	0.0%	0.0%	48.2%	2.3%	13.6%	0.0%
2.8%	1.2%	5.1%	67.0%	8.6%	2.0%	10.8%	0.6%	1.3%	3.2%	1.0%	5.5%
3.1%	40.5%	0.0%	57.5%	12.4%	0.0%	0.0%	4.2%	1.2%	4.9%	19.8%	0.0%
2.9%	5.4%	0.0%	50.7%	8.8%	6.4%	15.8%	5.8%	7.5%	3.2%	1.7%	0.0%
0.0%	0.4%	5.1%	16.3%	53.4%	5.3%	21.6%	2.2%	0.2%	0.0%	0.4%	0.6%
4.5%	6.1%	0.6%	8.5%	7.4%	0.3%	26.3%	42.6%	2.9%	4.4%	7.0%	0.5%
0.4%	2.5%	5.2%	84.0%	3.4%	0.2%	10.5%	0.0%	0.1%	0.4%	1.4%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3%	7.0%	1.4%	32.3%	9.0%	1.2%	49.4%	1.0%	0.4%	0.6%	6.0%	0.0%
1.9%	1.9%	6.1%	47.5%	6.8%	13.0%	19.7%	0.8%	0.8%	2.8%	1.7%	6.9%
1.0%	1.6%	0.0%	66.8%	10.4%	14.1%	4.4%	1.7%	0.2%	1.0%	1.4%	0.0%
1.4%	3.3%	0.0%	60.1%	18.6%	0.7%	12.4%	4.9%	0.9%	0.8%	1.6%	0.0%
4.3%	0.5%	4.7%	67.9%	3.5%	1.1%	14.7%	5.0%	0.3%	5.0%	0.4%	2.1%
0.0%	0.0%	23.3%	0.0%	0.0%	74.6%	0.0%	0.0%	0.0%	0.0%	0.0%	25.4%
0.0%	0.0%	0.0%	1.6%	8.1%	2.0%	82.7%	5.6%	0.0%	0.0%	0.0%	0.0%
1.0%	3.9%	0.0%	78.8%	5.0%	2.2%	5.5%	1.3%	0.7%	1.5%	5.1%	0.0%
0.6%	1.8%	0.0%	95.2%	3.7%	0.0%	0.0%	0.0%	0.2%	0.6%	0.3%	0.0%
0.0%	1.0%	0.0%	61.2%	7.8%	10.3%	11.0%	7.9%	0.8%	0.0%	1.0%	0.0%
1.3%	18.9%	0.0%	12.8%	4.5%	14.5%	43.4%	4.7%	0.0%	1.3%	18.9%	0.0%
5.2%	16.7%	0.0%	10.5%	34.5%	18.7%	12.4%	3.5%	1.8%	6.8%	11.6%	0.0%
5.7%	24.3%	0.0%	11.2%	1.0%	28.3%	29.5%	4.0%	1.6%	6.6%	17.7%	0.0%
1.3%	8.8%	1.9%	44.6%	4.6%	0.3%	16.2%	0.0%	26.4%	1.8%	4.6%	1.6%
0.1%	2.9%	0.0%	91.1%	5.7%	0.0%	0.0%	0.1%	0.1%	0.2%	2.8%	0.0%
1.3%	1.8%	2.1%	2.3%	6.9%	5.5%	65.8%	11.7%	2.6%	1.3%	1.8%	2.1%
1.1%	8.4%	0.0%	77.4%	10.4%	4.1%	1.4%	0.6%	0.6%	1.2%	4.3%	0.0%
5.6%	4.1%	0.0%	65.5%	6.7%	0.0%	7.1%	9.5%	0.9%	6.1%	4.2%	0.0%
7.6%	30.4%	0.0%	35.4%	34.5%	2.5%	0.0%	2.2%	2.1%	11.6%	11.6%	0.0%
1.2%	1.8%	12.8%	94.5%	1.6%	0.0%	0.9%	0.2%	0.2%	1.4%	0.6%	0.7%
0.4%	7.9%	4.6%	41.0%	9.4%	4.3%	27.4%	0.7%	4.2%	0.1%	12.0%	0.9%
6.4%	4.0%	15.4%	18.9%	14.6%	13.7%	2.0%	23.5%	1.6%	6.4%	4.0%	15.4%
0.4%	1.0%	2.2%	39.5%	12.4%	4.0%	31.6%	7.9%	2.7%	0.4%	0.8%	0.7%
1.2%	3.8%	1.7%	48.7%	24.6%	0.8%	16.2%	2.2%	0.6%	1.7%	3.0%	2.3%
0.0%	3.4%	8.4%	84.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.4%	10.9%
0.5%	2.7%	0.2%	45.7%	13.4%	16.3%	21.9%	0.4%	0.8%	0.7%	0.7%	0.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4.3%	6.4%	0.0%	81.9%	7.2%	0.2%	0.0%	0.0%	0.6%	5.3%	4.7%	0.0%
0.3%	1.4%	11.1%	19.4%	29.5%	6.1%	33.6%	7.6%	1.4%	0.4%	0.6%	1.3%
1.6%	0.0%	0.0%	98.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.0%	8.1%	0.4%	52.5%	25.7%	0.6%	6.2%	1.5%	1.1%	3.4%	8.9%	0.1%
0.7%	3.4%	1.7%	34.9%	2.5%	7.9%	47.2%	1.3%	0.2%	0.3%	3.7%	2.1%
0.0%	3.4%	2.9%	46.3%	27.3%	0.8%	18.2%	0.2%	0.5%	0.0%	2.8%	3.8%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.8%	1.5%	0.7%	13.4%	8.6%	4.9%	64.9%	4.7%	0.3%	1.1%	1.7%	0.4%
5.9%	3.7%	0.2%	78.0%	3.2%	0.0%	0.0%	3.7%	5.1%	7.1%	2.8%	0.1%
0.4%	3.0%	0.9%	35.7%	12.7%	5.5%	33.8%	3.5%	4.8%	0.6%	2.5%	0.9%
4.6%	4.4%	0.0%	19.9%	31.1%	0.1%	37.6%	4.2%	1.1%	4.9%	1.0%	0.0%
1.1%	3.7%	1.4%	66.2%	9.8%	0.4%	18.2%	1.4%	0.4%	1.5%	2.2%	0.0%
1.5%	7.8%	0.8%	58.5%	8.7%	3.3%	16.0%	0.9%	0.9%	2.5%	9.0%	0.2%
0.4%	9.6%	3.3%	44.4%	8.2%	1.5%	27.5%	1.9%	1.1%	0.1%	8.9%	6.4%
4.0%	0.0%	0.0%	95.2%	0.0%	0.0%	0.0%	0.0%	0.0%	4.8%	0.0%	0.0%
0.1%	1.4%	0.7%	42.9%	4.6%	35.5%	12.6%	2.4%	0.2%	0.0%	0.7%	1.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Research by Major Discipline		2001 Total Research by Major Discipline					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Public	Pennsylvania State University - University Park	25.0%	13.4%	5.5%	44.6%	1.0%	1.4%
Private	Princeton University	17.7%	19.6%	8.9%	31.4%	4.6%	2.5%
Public	Purdue University - West Lafayette	45.6%	8.0%	1.6%	30.8%	3.3%	1.5%
Private	Rensselaer Polytechnic Institute	1.5%	12.3%	3.9%	75.7%	3.3%	2.8%
Private	Rice University	14.7%	29.8%	2.6%	23.4%	21.1%	5.4%
Private	Rockefeller University	93.7%	3.1%	0.0%	0.0%	2.2%	1.0%
Private	Rush University	98.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Rutgers the State University of NJ - New Brunswick	44.5%	11.7%	9.7%	15.9%	2.5%	3.2%
Private	Saint Louis University - St. Louis	96.6%	0.1%	2.2%	0.0%	0.0%	0.6%
Public	San Diego State University	37.8%	6.4%	5.1%	13.4%	0.9%	4.4%
Private	Stanford University	57.0%	11.2%	1.7%	23.0%	3.2%	1.0%
Public	State Univ. of New York Health Science Ctr - Brooklyn	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Stony Brook University	56.9%	15.0%	10.2%	9.0%	1.9%	2.8%
Private	Syracuse University	5.7%	11.5%	2.5%	21.0%	11.5%	1.3%
Public	Temple University	60.2%	11.6%	0.4%	3.0%	0.6%	0.7%
Public	Texas A&M University	37.7%	6.4%	19.8%	30.5%	1.2%	1.3%
Private	Thomas Jefferson University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Tufts University	80.0%	2.8%	0.9%	5.9%	0.7%	0.5%
Private	Tulane University	76.9%	3.3%	1.4%	7.9%	0.0%	0.9%
Public	University at Albany	58.9%	12.2%	10.3%	0.0%	3.2%	0.1%
Public	University at Buffalo	68.4%	4.9%	0.7%	15.9%	4.0%	0.4%
Public	University of Alabama - Birmingham	93.3%	1.7%	0.0%	2.3%	0.1%	0.1%
Public	University of Alabama - Huntsville	3.4%	22.3%	13.2%	38.1%	22.0%	0.0%
Public	University of Alabama - Tuscaloosa	8.2%	12.4%	5.4%	60.3%	1.6%	0.2%
Public	University of Alaska - Fairbanks	15.1%	12.3%	27.7%	6.7%	14.7%	0.1%
Public	University of Arizona	55.4%	19.6%	2.9%	14.3%	1.7%	0.8%
Public	University of Arkansas - Fayetteville	65.8%	8.9%	2.8%	15.8%	2.0%	0.2%
Public	University of Arkansas for Medical Sciences	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Berkeley	37.1%	17.8%	1.5%	28.9%	0.2%	1.4%
Public	University of California - Davis	73.2%	4.9%	7.1%	9.7%	0.5%	0.4%
Public	University of California - Irvine	65.4%	9.8%	2.2%	10.0%	3.7%	0.7%
Public	University of California - Los Angeles	71.1%	9.8%	2.1%	6.8%	1.6%	0.9%
Public	University of California - Riverside	63.8%	7.6%	4.1%	12.2%	1.4%	0.3%
Public	University of California - San Diego	49.4%	6.0%	21.4%	9.0%	10.8%	0.2%
Public	University of California - San Francisco	97.1%	2.6%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Santa Barbara	3.7%	21.3%	19.7%	30.4%	7.1%	2.1%
Public	University of California - Santa Cruz	16.9%	48.4%	20.3%	3.5%	3.3%	1.2%
Public	University of Central Florida	5.5%	21.1%	11.9%	32.3%	0.4%	0.3%
Private	University of Chicago	76.1%	17.1%	2.3%	0.0%	0.5%	1.0%
Public	University of Cincinnati - Cincinnati	79.9%	2.5%	0.1%	13.5%	0.0%	0.3%
Public	University of Colorado - Boulder	10.3%	35.5%	25.7%	15.5%	1.9%	1.0%
Public	University of Colorado Health Sciences Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Connecticut - Health Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Connecticut - Storrs	30.6%	7.8%	9.9%	30.7%	1.9%	0.5%
Private	University of Dayton	0.9%	3.3%	0.4%	94.3%	0.5%	0.0%
Public	University of Delaware	28.2%	16.6%	10.6%	32.7%	2.2%	1.7%
Public	University of Florida	69.2%	6.5%	1.6%	15.3%	0.7%	1.6%
Public	University of Georgia	69.2%	4.0%	5.4%	2.7%	1.0%	1.9%
Public	University of Hawaii - Manoa	37.2%	16.8%	30.1%	5.7%	0.5%	0.0%
Public	University of Houston - University Park	22.9%	18.2%	2.0%	37.5%	6.4%	1.5%
Public	University of Idaho	63.6%	3.7%	6.3%	18.0%	2.0%	0.3%
Public	University of Illinois - Chicago	73.5%	3.9%	0.7%	8.9%	0.5%	1.8%
Public	University of Illinois - Urbana-Champaign	27.9%	12.0%	8.7%	26.6%	14.3%	0.7%
Public	University of Iowa	78.3%	5.9%	0.9%	9.7%	0.2%	0.4%
Public	University of Kansas - Lawrence	44.3%	6.7%	11.6%	16.9%	4.5%	0.4%
Public	University of Kansas Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Kentucky	73.1%	3.6%	0.3%	14.1%	0.9%	0.3%
Public	University of Louisville	77.3%	3.8%	0.3%	9.0%	0.1%	1.2%

2001 Federal Research by Major Discipline

Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
3.0%	4.7%	1.3%	19.5%	16.6%	4.8%	50.0%	1.4%	1.1%	3.1%	2.8%	0.7%
2.6%	12.7%	0.0%	22.3%	24.2%	9.9%	29.7%	4.9%	2.7%	2.8%	3.5%	0.0%
1.6%	7.4%	0.2%	42.3%	13.4%	2.7%	30.7%	2.9%	2.1%	2.3%	3.5%	0.2%
0.0%	0.5%	0.0%	2.0%	13.6%	4.7%	71.0%	3.8%	4.8%	0.0%	0.1%	0.0%
1.6%	1.5%	0.0%	14.3%	29.0%	3.1%	19.6%	24.3%	6.0%	1.8%	1.7%	0.0%
0.0%	0.0%	0.0%	92.7%	4.7%	0.0%	0.0%	1.1%	1.5%	0.0%	0.0%	0.0%
1.8%	0.0%	0.0%	97.6%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
3.0%	8.7%	0.7%	38.9%	18.2%	12.7%	17.9%	2.9%	4.3%	3.4%	1.6%	0.1%
0.2%	0.0%	0.3%	96.8%	0.1%	2.1%	0.0%	0.0%	0.7%	0.2%	0.0%	0.0%
11.5%	8.8%	11.7%	50.5%	9.6%	7.5%	7.8%	0.1%	6.0%	15.7%	2.5%	0.2%
1.0%	1.8%	0.0%	55.8%	12.6%	1.5%	23.9%	3.3%	1.2%	1.0%	0.6%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.1%	2.1%	0.0%	54.3%	18.0%	11.2%	7.6%	2.1%	3.1%	2.8%	0.9%	0.0%
3.0%	13.0%	30.6%	7.2%	15.1%	2.8%	19.5%	9.3%	1.5%	4.2%	11.4%	29.0%
19.3%	4.2%	0.0%	60.4%	15.3%	0.5%	3.3%	0.8%	0.7%	17.4%	1.6%	0.0%
0.7%	1.9%	0.6%	27.4%	7.6%	37.3%	21.1%	1.9%	2.5%	1.2%	0.9%	0.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.2%	5.9%	0.0%	85.1%	3.3%	0.3%	5.9%	0.9%	0.5%	2.7%	1.2%	0.0%
0.3%	4.0%	5.3%	74.8%	3.2%	1.3%	6.3%	0.0%	1.3%	0.1%	6.0%	6.8%
3.2%	12.2%	0.0%	76.4%	2.2%	7.2%	0.0%	1.9%	0.1%	3.1%	9.1%	0.0%
1.8%	2.7%	1.1%	70.0%	4.3%	0.7%	17.7%	2.3%	0.5%	1.5%	2.3%	0.8%
2.4%	0.0%	0.0%	93.9%	1.5%	0.0%	1.8%	0.1%	0.1%	2.6%	0.0%	0.0%
0.0%	0.8%	0.2%	2.9%	23.4%	15.2%	42.6%	15.1%	0.0%	0.0%	0.7%	0.1%
5.8%	4.7%	1.5%	7.8%	11.7%	6.1%	58.4%	1.0%	0.1%	8.5%	5.1%	1.3%
0.0%	0.5%	23.0%	26.4%	11.9%	49.0%	9.2%	0.2%	0.0%	0.0%	0.9%	2.4%
0.9%	4.4%	0.0%	52.8%	20.2%	3.3%	15.8%	2.2%	1.1%	0.9%	3.8%	0.0%
0.5%	4.0%	0.0%	46.2%	20.3%	3.4%	27.0%	0.2%	0.3%	0.2%	2.3%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.8%	10.0%	1.4%	39.5%	25.3%	1.7%	26.2%	0.2%	2.3%	2.0%	2.7%	0.0%
0.3%	3.1%	0.8%	68.9%	9.2%	8.3%	9.4%	0.6%	0.7%	0.6%	1.6%	0.7%
2.1%	4.7%	1.3%	66.7%	12.1%	2.6%	7.3%	4.0%	0.8%	3.1%	2.7%	0.6%
1.5%	5.1%	1.1%	71.4%	10.0%	2.7%	9.1%	1.7%	1.4%	2.3%	1.4%	0.0%
1.8%	6.2%	2.5%	49.4%	19.8%	4.5%	12.0%	2.3%	0.2%	6.0%	5.8%	0.0%
1.0%	1.9%	0.2%	47.8%	7.4%	20.7%	7.0%	14.3%	0.3%	1.4%	1.1%	0.0%
0.0%	0.3%	0.0%	95.8%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
5.1%	9.0%	1.5%	4.1%	25.0%	17.2%	30.7%	8.4%	1.4%	5.5%	7.2%	0.6%
1.2%	5.1%	0.1%	21.1%	40.7%	21.3%	5.0%	6.0%	1.0%	1.5%	3.4%	0.0%
1.6%	7.4%	19.5%	11.9%	24.0%	12.5%	17.0%	1.3%	0.2%	5.1%	12.1%	15.8%
1.3%	1.6%	0.0%	74.4%	17.8%	2.7%	0.0%	0.4%	1.2%	1.7%	1.9%	0.0%
0.3%	1.8%	1.5%	87.5%	1.5%	0.1%	9.6%	0.0%	0.1%	0.1%	1.1%	0.0%
4.8%	4.6%	0.7%	9.5%	37.4%	27.2%	13.4%	1.9%	1.0%	4.7%	4.1%	0.8%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
7.2%	9.1%	2.3%	29.9%	12.1%	16.8%	18.7%	2.0%	0.5%	13.0%	6.9%	9.8%
0.2%	0.0%	0.3%	0.6%	3.7%	0.5%	94.7%	0.4%	0.0%	0.0%	0.0%	0.0%
1.8%	6.2%	0.0%	17.1%	21.8%	14.2%	31.6%	1.9%	2.3%	2.7%	8.4%	0.0%
1.8%	3.3%	0.0%	61.1%	10.3%	2.1%	18.4%	1.5%	2.2%	3.0%	1.3%	0.0%
3.1%	12.8%	0.0%	73.7%	5.0%	8.4%	1.6%	0.8%	1.1%	5.4%	4.0%	0.0%
0.2%	3.0%	6.4%	37.8%	14.0%	31.3%	6.0%	0.7%	0.0%	0.2%	3.1%	6.9%
6.7%	4.9%	0.0%	31.2%	22.1%	0.6%	24.3%	9.9%	2.7%	7.9%	1.3%	0.0%
0.2%	4.1%	1.8%	53.5%	5.4%	8.2%	23.4%	4.0%	0.5%	0.3%	2.9%	1.8%
2.5%	4.7%	3.5%	77.4%	4.8%	0.4%	8.3%	0.6%	2.4%	2.8%	2.2%	1.2%
2.4%	6.1%	1.3%	20.4%	15.7%	6.0%	31.0%	19.4%	0.8%	2.9%	2.1%	1.5%
1.6%	2.8%	0.1%	81.1%	8.2%	0.6%	6.1%	0.2%	0.5%	2.2%	1.1%	0.0%
1.6%	6.1%	7.9%	55.4%	6.2%	5.4%	18.0%	0.5%	0.8%	2.7%	4.3%	6.7%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.4%	1.7%	5.7%	70.0%	6.2%	0.4%	15.4%	1.8%	0.5%	0.9%	1.3%	3.6%
2.9%	5.4%	0.0%	79.6%	4.7%	0.1%	8.9%	0.0%	0.1%	4.6%	1.9%	0.0%

Research by Major Discipline		2001 Total Research by Major Discipline					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Public	University of Maine - Orono	37.3%	9.4%	31.2%	13.7%	2.2%	0.1%
Public	University of Maryland - Baltimore	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Maryland - Baltimore County	12.1%	18.9%	35.1%	19.9%	1.7%	2.6%
Public	University of Maryland - College Park	17.7%	17.6%	3.5%	28.3%	7.9%	0.6%
Public	University of Massachusetts - Amherst	30.5%	21.3%	4.6%	19.2%	12.0%	3.0%
Public	University of Massachusetts Medical Sch - Worcester	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Medicine & Dentistry of New Jersey	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	University of Miami	70.1%	1.5%	20.1%	1.4%	0.0%	0.1%
Public	University of Michigan - Ann Arbor	54.1%	4.3%	0.9%	23.9%	1.7%	0.7%
Public	University of Minnesota - Twin Cities	72.7%	7.6%	2.9%	9.0%	1.7%	1.0%
Public	University of Mississippi - Oxford	3.4%	3.4%	0.0%	1.4%	0.1%	0.0%
Public	University of Missouri - Columbia	71.3%	2.8%	0.7%	13.0%	0.2%	0.8%
Public	University of Nebraska - Lincoln	50.3%	6.3%	5.3%	15.6%	2.6%	1.6%
Public	University of Nebraska Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Nevada - Reno	53.1%	9.5%	10.9%	10.1%	0.8%	0.8%
Public	University of New Hampshire - Durham	17.6%	3.3%	45.6%	21.7%	0.9%	0.3%
Public	University of New Mexico - Albuquerque	39.9%	4.2%	1.3%	15.8%	1.4%	0.5%
Public	University of North Carolina - Chapel Hill	77.5%	5.7%	4.2%	0.0%	2.6%	0.4%
Private	University of Notre Dame	17.6%	30.3%	0.0%	24.3%	2.6%	1.4%
Public	University of Oklahoma - Norman	12.2%	15.1%	32.6%	15.5%	3.1%	0.6%
Public	University of Oklahoma Health Sciences Center	95.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Oregon	48.2%	21.5%	4.6%	0.8%	6.5%	1.2%
Private	University of Pennsylvania	81.1%	5.0%	0.2%	3.0%	1.9%	0.2%
Public	University of Pittsburgh - Pittsburgh	85.7%	3.8%	0.2%	4.5%	0.9%	0.3%
Public	University of Rhode Island	17.7%	1.2%	47.7%	10.5%	0.6%	0.1%
Private	University of Rochester	66.9%	5.5%	0.4%	21.1%	1.0%	0.2%
Public	University of South Carolina - Columbia	24.7%	15.0%	15.0%	23.3%	0.3%	2.8%
Public	University of South Florida	67.9%	1.4%	10.9%	11.1%	0.3%	0.2%
Private	University of Southern California	54.3%	2.9%	4.2%	14.6%	18.9%	0.7%
Public	University of Tennessee - Knoxville	37.7%	8.6%	6.0%	31.3%	9.4%	0.4%
Public	University of Tennessee Health Science Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Texas - Austin	14.1%	19.9%	8.4%	37.3%	8.0%	5.5%
Public	University of Texas Health Science Center - Houston	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Texas Health Science Ctr - San Antonio	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Texas MD Anderson Cancer Center	94.5%	2.1%	0.0%	0.0%	0.0%	3.5%
Public	University of Texas Medical Branch - Galveston	98.3%	0.0%	0.0%	1.7%	0.0%	0.0%
Public	University of Texas SW Medical Center - Dallas	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Utah	66.2%	7.4%	2.5%	12.9%	8.1%	0.5%
Public	University of Vermont	87.8%	2.1%	0.5%	2.3%	0.7%	1.7%
Public	University of Virginia	66.1%	7.7%	3.5%	17.3%	2.7%	0.3%
Public	University of Washington - Seattle	68.9%	5.1%	12.5%	8.4%	1.1%	0.8%
Public	University of Wisconsin - Madison	61.4%	8.1%	4.8%	13.7%	1.6%	0.7%
Public	University of Wyoming	47.4%	7.4%	15.6%	8.8%	0.8%	0.5%
Public	US Naval Postgraduate School	0.0%	6.4%	24.1%	26.6%	11.5%	8.9%
Public	Utah State University	28.2%	2.9%	7.0%	48.7%	0.4%	0.8%
Private	Vanderbilt University	80.5%	5.3%	0.1%	8.1%	0.3%	0.3%
Public	Virginia Commonwealth University	86.2%	5.8%	0.2%	3.3%	0.1%	0.1%
Public	Virginia Polytechnic Institute and State University	43.6%	4.3%	7.3%	37.1%	0.9%	1.2%
Private	Wake Forest University	97.8%	1.5%	0.0%	0.0%	0.0%	0.1%
Public	Washington State University - Pullman	71.5%	5.3%	2.5%	8.6%	0.0%	0.4%
Private	Washington University	89.9%	3.2%	1.1%	1.7%	1.5%	0.5%
Public	Wayne State University	79.7%	8.2%	0.1%	6.2%	0.4%	0.3%
Public	West Virginia University	60.8%	5.7%	6.4%	24.2%	0.4%	0.4%
Private	Woods Hole Oceanographic Institution	0.0%	0.0%	78.9%	21.1%	0.0%	0.0%
Private	Yale University	87.0%	6.3%	0.6%	2.3%	1.4%	0.4%
Private	Yeshiva University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

2001 Federal Research by Major Discipline

Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
0.4%	4.3%	1.4%	28.6%	19.9%	36.8%	8.8%	2.4%	0.0%	0.7%	2.9%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.8%	6.9%	0.0%	14.2%	21.1%	38.3%	14.7%	1.6%	2.7%	2.0%	5.5%	0.0%
1.4%	22.9%	0.0%	11.3%	22.7%	4.9%	27.4%	8.6%	0.6%	1.8%	22.8%	0.0%
5.5%	3.0%	0.9%	29.7%	23.2%	4.9%	13.3%	15.8%	4.3%	7.8%	1.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5.0%	1.8%	0.0%	63.2%	2.0%	24.4%	1.3%	0.0%	0.1%	6.8%	2.2%	0.0%
1.8%	12.6%	0.0%	53.7%	5.3%	0.8%	23.1%	1.3%	0.9%	1.4%	13.4%	0.0%
1.8%	3.2%	0.0%	71.0%	9.9%	2.5%	9.7%	2.3%	1.5%	2.0%	1.1%	0.0%
0.0%	0.5%	1.0%	27.7%	39.5%	0.0%	16.4%	1.9%	0.0%	0.3%	6.2%	8.1%
3.0%	8.1%	0.2%	71.5%	3.1%	0.9%	12.3%	0.5%	0.9%	4.4%	6.3%	0.0%
3.7%	6.1%	8.5%	47.6%	13.7%	8.8%	13.2%	1.8%	0.9%	8.4%	3.5%	2.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.1%	2.9%	9.9%	54.0%	13.8%	13.1%	11.8%	1.4%	1.3%	2.8%	1.7%	0.1%
1.4%	6.5%	2.7%	12.3%	4.2%	57.3%	16.3%	0.9%	0.4%	2.2%	5.8%	0.5%
4.6%	3.9%	28.4%	37.8%	5.1%	1.7%	18.6%	1.7%	0.7%	4.6%	1.8%	28.0%
1.4%	8.3%	0.0%	78.0%	6.2%	3.4%	0.0%	2.1%	0.4%	1.7%	8.2%	0.0%
3.8%	2.7%	17.4%	18.3%	43.0%	0.0%	25.3%	3.6%	2.1%	4.5%	2.1%	1.1%
10.0%	11.0%	0.0%	9.5%	22.3%	39.6%	10.7%	0.5%	0.3%	9.7%	7.5%	0.0%
5.0%	0.0%	0.0%	95.7%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%
11.9%	5.5%	0.0%	49.7%	21.0%	4.5%	0.4%	6.6%	1.3%	12.6%	3.9%	0.0%
0.7%	6.8%	1.0%	84.3%	6.2%	0.0%	3.0%	2.2%	0.3%	0.9%	2.6%	0.6%
1.4%	3.0%	0.3%	87.4%	4.2%	0.2%	2.9%	0.8%	0.4%	1.7%	2.0%	0.4%
8.7%	2.0%	11.5%	17.9%	1.3%	53.3%	11.4%	0.4%	0.0%	8.8%	1.3%	5.5%
4.3%	0.3%	0.4%	62.4%	6.8%	0.4%	24.6%	1.2%	0.2%	3.9%	0.4%	0.0%
3.3%	11.4%	4.3%	27.1%	16.3%	11.2%	29.0%	0.5%	2.7%	4.6%	7.7%	0.7%
5.9%	2.3%	0.0%	60.7%	1.2%	19.0%	11.0%	0.0%	0.3%	6.5%	1.2%	0.0%
1.5%	2.3%	0.6%	49.0%	2.8%	4.3%	15.1%	25.1%	0.8%	1.6%	1.2%	0.2%
0.2%	5.2%	1.3%	29.5%	15.4%	10.0%	30.0%	11.9%	0.6%	0.2%	2.2%	0.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5%	4.7%	0.6%	14.2%	21.8%	5.3%	36.9%	10.6%	5.7%	1.9%	3.4%	0.2%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	94.4%	3.4%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	98.8%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.1%	1.2%	0.0%	65.7%	8.3%	3.0%	12.0%	8.6%	0.7%	1.3%	0.5%	0.0%
1.7%	0.2%	3.0%	90.1%	1.9%	0.6%	1.9%	0.9%	1.7%	1.0%	0.1%	1.9%
2.0%	0.4%	0.0%	66.6%	8.1%	3.6%	16.2%	2.6%	0.3%	2.2%	0.5%	0.0%
1.6%	1.7%	0.0%	68.7%	4.7%	15.2%	7.0%	1.2%	0.9%	1.8%	0.4%	0.0%
3.8%	5.8%	0.0%	52.0%	10.8%	7.1%	16.6%	2.2%	0.7%	5.5%	5.0%	0.0%
1.9%	3.8%	14.0%	44.3%	10.9%	19.9%	11.0%	1.4%	0.6%	3.0%	3.4%	5.5%
0.0%	13.6%	8.9%	0.0%	6.3%	24.1%	26.6%	11.7%	9.1%	0.0%	13.7%	8.5%
1.5%	2.9%	7.6%	19.9%	3.6%	4.1%	64.9%	0.4%	1.1%	1.5%	2.4%	2.0%
1.9%	3.4%	0.2%	80.5%	5.7%	0.1%	8.0%	0.3%	0.3%	1.8%	3.1%	0.2%
3.1%	1.1%	0.0%	85.2%	6.7%	0.1%	3.1%	0.0%	0.1%	3.8%	1.0%	0.0%
0.9%	4.7%	0.0%	29.2%	5.3%	16.4%	42.4%	1.4%	2.1%	1.6%	1.5%	0.0%
0.0%	0.0%	0.6%	98.6%	1.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%
0.2%	10.6%	0.8%	65.8%	9.8%	5.3%	11.5%	0.0%	0.9%	0.5%	5.5%	0.7%
0.5%	1.2%	0.2%	90.0%	3.4%	0.9%	1.5%	1.7%	0.7%	0.7%	1.2%	0.0%
1.6%	3.1%	0.5%	80.6%	9.4%	0.1%	5.3%	0.3%	0.4%	2.3%	1.6%	0.0%
0.2%	0.1%	1.7%	53.2%	8.6%	8.9%	25.7%	0.4%	0.8%	0.2%	0.1%	2.1%
0.0%	0.0%	0.0%	0.0%	0.0%	79.7%	20.3%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5%	0.6%	0.0%	85.8%	7.1%	0.7%	2.3%	1.5%	0.5%	1.6%	0.3%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Endowment Assets							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 Endowment Assets x \$1000	2002 National Rank	2002 Control Rank	2001 Endowment Assets x \$1000	2001 National Rank	2001 Control Rank
Public	Arizona State University - Tempe	205,660	179	67	207,062	182	68
Public	Auburn University	217,747	173	65	258,965	160	57
Private	Baylor College of Medicine	885,915	48	33	984,150	45	32
Private	Boston College	964,313	44	31	1,003,832	44	31
Private	Boston University	578,473	75	52	664,581	67	48
Private	Brandeis University	384,335	107	71	397,046	108	75
Private	Brown University	1,414,285	25	20	1,434,212	26	20
Private	California Institute of Technology	1,154,540	31	24	1,365,798	29	22
Private	Carnegie Mellon University	667,807	63	44	756,930	59	42
Private	Case Western Reserve University	1,347,054	27	21	1,434,000	27	21
Private	Charles R. Drew University of Medicine and Science	2,200	731	462	2,200	684	425
Public	Clemson University	200,989	182	69	214,398	181	67
Public	Colorado State University	97,274	304	107	103,130	310	108
Private	Columbia University	4,208,373	7	7	4,292,793	7	7
Private	Cornell University	2,853,742	16	14	3,151,384	15	13
Private	Dartmouth College	2,186,610	18	16	2,414,231	18	16
Public	Desert Research Institute	NR			NR		
Private	Drexel University	218,495	172	108	237,413	170	108
Private	Duke University	2,927,478	15	13	3,131,375	16	14
Private	Emory University	4,551,873	6	6	4,315,872	6	6
Public	Florida A&M University	NR			NR		
Public	Florida International University	48,712	438	144	47,683	527	176
Public	Florida State University	325,098	124	44	328,988	127	44
Public	George Mason University	NR			NR		
Private	George Washington University	646,964	67	47	713,060	64	46
Private	Georgetown University	606,718	69	48	685,473	65	47
Public	Georgia Institute of Technology	1,073,443	37	11	1,093,622	41	12
Private	Harvard University	17,169,757	1	1	17,950,843	1	1
Private	Howard University	312,739	127	82	324,019	130	85
Public	Indiana University - Bloomington	497,115	83	27	479,918	87	26
Public	Indiana University-Purdue University - Indianapolis	430,196	94	31	415,314	106	33
Public	Iowa State University	335,927	121	41	338,505	114	37
Public	Jackson State University	NR			NR		
Private	Johns Hopkins University	1,695,150	22	19	1,822,713	22	19
Public	Kansas State University	172,307	198	73	184,774	198	74
Private	Loma Linda University	121,888	266	170	127,324	272	176
Public	Louisiana State University - Baton Rouge	202,000	180	68	184,000	199	75
Public	Louisiana State University Health Sciences Center	52,716	424	139	42,319	474	153
Private	Loyola University Chicago	198,100	184	115	282,900	145	95
Private	Massachusetts Institute of Technology	5,359,423	5	5	6,134,712	5	5
Private	MCP Hahnemann University	75,243	354	233	96,389	321	211
Public	Medical College of Georgia	76,244	352	121	82,657	346	117
Private	Medical College of Wisconsin	54,627	415	278	59,141	411	274
Public	Medical University of South Carolina	69,829	369	126	75,880	366	124
Public	Michigan State University	523,284	82	26	448,570	93	28
Public	Mississippi State University	136,050	237	87	144,582	245	88
Public	Montana State University - Bozeman	42,753	467	150	43,228	469	150
Private	Mount Sinai School of Medicine	NR			NR		
Public	New Mexico State University - Las Cruces	88,972	324	112	97,438	319	110
Private	New York University	1,177,600	30	23	1,118,300	37	28
Public	North Carolina State University	297,566	129	46	310,616	138	48
Private	Northeastern University	422,920	96	65	493,926	85	60
Private	Northwestern University	3,022,733	13	11	3,256,282	13	11
Public	Ohio State University - Columbus	960,079	45	14	1,111,823	38	10
Public	Oklahoma State University - Stillwater	153,179	218	79	167,670	215	77
Public	Oregon Health & Science University	248,362	155	58	230,369	173	64
Public	Oregon State University	235,572	159	60	266,748	155	55
Public	Pennsylvania State University - Hershey Medical Ctr	124,767	260	95	93,761	324	111

2000 Endowment Assets x \$1000	2000 National Rank	2000 Control Rank	1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank
216,823	186	71	183,440	191	68
238,170	171	62	233,049	160	54
1,044,685	41	29	1,029,156	34	25
1,044,542	42	30	908,000	41	29
913,207	50	36	652,161	63	46
406,722	105	75	355,012	107	78
1,416,052	29	22	1,181,514	29	22
1,471,645	27	21	1,333,229	27	21
829,121	59	42	719,320	55	39
1,550,600	26	20	1,434,200	24	20
2,200	702	432	NR		
236,348	175	65	214,566	169	57
104,777	314	107	84,342	317	106
4,263,972	7	7	3,636,621	8	8
3,384,415	11	10	2,869,103	12	11
2,490,376	18	16	1,710,585	18	16
NR			NR		
244,576	168	109	225,412	162	108
3,232,049	15	13	1,678,728	19	17
5,028,407	6	6	4,475,755	5	5
NR			NR		
NR			NR		
288,500	151	52	247,471	154	52
NR			NR		
737,647	65	47	673,589	62	45
745,398	64	46	684,193	57	40
1,141,666	36	10	948,600	37	10
18,844,338	1	1	14,255,996	1	1
308,972	142	96	291,468	131	90
499,105	86	25	400,000	94	27
381,134	118	37	350,000	111	33
410,704	103	30	266,348	143	45
NR			NR		
1,825,212	22	19	1,520,793	22	19
188,054	205	76	152,366	215	77
129,836	266	174	NR		
189,813	204	75	176,925	195	70
21,840	591	202	10,303	574	212
341,700	130	88	302,930	126	87
6,475,506	5	5	4,287,701	6	6
109,710	304	203	NR		
91,225	331	112	79,754	331	112
65,307	396	266	57,859	379	254
81,408	360	120	82,696	326	110
310,289	141	46	265,238	144	46
153,750	240	86	160,399	205	73
42,606	479	155	NR		
NR			NR		
87,813	341	114	47,000	416	137
1,030,800	43	31	1,035,900	33	24
312,840	140	45	275,532	133	42
518,536	85	61	396,205	95	68
3,368,233	13	12	2,634,850	14	13
1,294,923	33	9	1,086,350	32	9
166,885	222	81	156,074	209	74
237,446	173	63	216,530	167	56
266,324	161	56	241,973	158	53
97,630	321	109	79,219	334	113

Endowment Assets							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Endowment Assets x \$1000	2002 National Rank	2002 Control Rank	2001 Endowment Assets x \$1000	2001 National Rank	2001 Control Rank
Public	Pennsylvania State University - University Park	695,128	59	19	750,090	60	18
Private	Princeton University	8,319,600	3	3	8,359,000	3	3
Public	Purdue University - West Lafayette	1,098,939	35	10	1,217,118	32	8
Private	Rensselaer Polytechnic Institute	530,850	81	56	618,912	75	52
Private	Rice University	2,939,804	14	12	3,243,033	14	12
Private	Rockefeller University	1,288,100	28	22	1,361,200	30	23
Private	Rush University	292,303	135	85	328,962	128	84
Public	Rutgers the State University of NJ - New Brunswick	355,799	115	39	372,973	113	36
Private	Saint Louis University - St. Louis	692,126	60	41	819,115	56	39
Public	San Diego State University	59,133	398	134	59,165	410	137
Private	Stanford University	7,613,000	4	4	8,249,551	4	4
Public	State Univ. of New York Health Science Ctr - Brooklyn	34,303	517	174	36,744	502	168
Public	Stony Brook University	40,419	481	155	40,450	485	160
Private	Syracuse University	657,769	64	45	735,484	62	44
Public	Temple University	141,164	227	84	140,286	248	89
Public	Texas A&M University	3,503,862	9	1	3,764,843	9	1
Private	Thomas Jefferson University	178,569	194	122	400,000	107	74
Private	Tufts University	651,808	66	46	548,998	80	56
Private	Tulane University	600,964	70	49	638,871	70	50
Public	University at Albany	13,438	664	231	11,043	646	231
Public	University at Buffalo	388,216	106	36	428,085	103	30
Public	University of Alabama - Birmingham	251,185	152	56	247,638	166	60
Public	University of Alabama - Huntsville	18,745	619	209	18,480	604	209
Public	University of Alabama - Tuscaloosa	354,909	116	40	349,897	122	41
Public	University of Alaska - Fairbanks	34,837	514	171	33,402	526	175
Public	University of Arizona	292,380	133	50	310,174	139	49
Public	University of Arkansas - Fayetteville	569,859	77	25	233,858	171	63
Public	University of Arkansas for Medical Sciences	NR			59,401	409	136
Public	University of California - Berkeley	1,774,200	21	3	1,953,443	21	3
Public	University of California - Davis	400,837	99	33	58,336	101	29
Public	University of California - Irvine	117,884	271	98	82,274	273	97
Public	University of California - Los Angeles	1,224,018	29	7	471,438	28	7
Public	University of California - Riverside	65,881	382	131	70,203	382	130
Public	University of California - San Diego	259,241	149	55	154,546	150	53
Public	University of California - San Francisco	797,414	55	17	239,910	53	17
Public	University of California - Santa Barbara	80,830	343	119	87,152	337	114
Public	University of California - Santa Cruz	68,762	376	128	76,352	365	123
Public	University of Central Florida	52,536	425	140	55,747	421	140
Private	University of Chicago	3,255,368	11	10	3,516,238	10	9
Public	University of Cincinnati - Cincinnati	894,031	47	15	909,268	51	16
Public	University of Colorado - Boulder	196,852	185	70	204,598	184	69
Public	University of Colorado Health Sciences Center	113,568	281	100	118,037	279	99
Public	University of Connecticut - Health Center	51,802	430	142	54,530	425	141
Public	University of Connecticut - Storrs	105,174	294	104	110,713	295	101
Private	University of Dayton	254,752	151	96	274,449	149	97
Public	University of Delaware	868,225	49	16	928,398	47	14
Public	University of Florida	583,407	74	23	635,143	72	22
Public	University of Georgia	421,807	97	32	396,765	109	34
Public	University of Hawaii - Manoa	144,790	224	82	158,611	227	82
Public	University of Houston - University Park	294,158	131	48	339,277	126	43
Public	University of Idaho	126,395	255	93	120,361	277	98
Public	University of Illinois - Chicago	105,834	292	103	107,811	299	104
Public	University of Illinois - Urbana-Champaign	608,545	68	21	601,944	78	24
Public	University of Iowa	657,682	65	20	635,507	71	21
Public	University of Kansas - Lawrence	585,749	72	22	665,412	66	19
Public	University of Kansas Medical Center	146,437	222	81	166,353	216	78
Public	University of Kentucky	397,763	105	35	419,211	105	32
Public	University of Louisville	478,917	86	28	503,207	83	25

2000 Endowment Assets x \$1000	2000 National Rank	2000 Control Rank	1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank
781,038	62	18	633,748	66	18
8,398,100	4	4	6,469,200	3	3
1,301,976	32	8	1,222,411	28	7
729,973	66	48	516,238	80	58
3,372,458	12	11	2,936,622	11	10
1,372,200	30	23	1,007,600	36	27
387,590	116	81	347,611	112	79
400,259	108	31	350,741	109	31
925,955	49	35	907,822	42	30
57,146	424	141	51,282	399	131
8,649,475	3	3	6,005,211	4	4
37,710	508	170	36,254	461	150
38,145	505	167	22,383	524	184
825,250	60	43	641,466	64	47
156,762	235	83	141,527	232	83
3,932,469	9	1	3,596,759	9	1
400,000	109	78	384,973	98	71
523,520	84	60	464,107	84	61
636,350	76	55	548,305	76	55
10,337	665	242	9,369	581	218
447,322	96	27	438,002	85	24
228,740	178	66	204,680	174	60
20,456	604	206	16,596	552	196
370,695	121	39	331,913	120	37
34,264	529	177	31,133	490	165
285,356	152	53	272,950	135	43
244,125	169	60	222,838	165	55
64,079	401	133	NR		
2,168,671	20	3	1,654,557	20	3
395,346	112	33	300,828	129	41
128,738	268	94	100,276	297	99
1,447,371	28	7	1,103,038	31	8
63,047	403	134	50,138	404	134
292,730	150	51	200,552	178	64
912,258	52	15	701,933	56	17
85,866	347	115	100,276	297	99
85,285	350	116	50,138	404	134
60,852	409	136	51,877	398	130
3,828,664	10	9	2,762,686	13	12
963,907	47	14	898,976	44	13
238,960	170	61	195,585	181	66
119,480	285	98	97,793	301	102
53,845	439	143	42,865	432	140
125,638	273	96	100,019	299	101
297,297	147	99	247,463	155	103
911,521	54	17	777,349	52	15
681,370	70	21	601,813	70	20
388,422	115	35	334,534	119	36
172,985	216	79	146,459	226	80
390,617	114	34	363,529	103	29
108,217	308	104	110,000	277	93
119,007	286	99	106,154	283	95
585,879	79	23	522,607	78	22
537,061	82	24	476,800	82	23
684,362	69	20	613,338	68	19
171,090	219	80	153,335	214	76
369,372	122	40	327,644	121	38
454,521	94	26	381,821	100	28

Endowment Assets							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Endowment Assets x \$1000	2002 National Rank	2002 Control Rank	2001 Endowment Assets x \$1000	2001 National Rank	2001 Control Rank
Public	University of Maine - Orono	117,829	272	99	135,043	262	94
Public	University of Maryland - Baltimore	135,944	238	88	152,023	236	85
Public	University of Maryland - Baltimore County	13,594	661	229	15,202	628	221
Public	University of Maryland - College Park	290,013	138	51	324,316	129	45
Public	University of Massachusetts - Amherst	70,994	363	123	70,787	380	128
Public	University of Massachusetts Medical Sch - Worcester	45,178	454	148	45,046	460	146
Public	University of Medicine & Dentistry of New Jersey	156,368	214	78	162,131	222	80
Private	University of Miami	426,955	95	64	457,843	90	63
Public	University of Michigan - Ann Arbor	3,240,661	12	2	3,469,536	11	2
Public	University of Minnesota - Twin Cities	1,501,394	24	5	1,650,969	24	5
Public	University of Mississippi - Oxford	284,069	140	52	240,368	169	62
Public	University of Missouri - Columbia	381,177	109	37	353,645	119	40
Public	University of Nebraska - Lincoln	576,798	76	24	629,855	73	23
Public	University of Nebraska Medical Center	138,432	230	85	149,599	237	86
Public	University of Nevada - Reno	119,242	268	97	128,147	270	95
Public	University of New Hampshire - Durham	136,134	236	86	148,256	238	87
Public	University of New Mexico - Albuquerque	170,830	201	76	186,655	197	73
Public	University of North Carolina - Chapel Hill	1,070,772	38	12	1,045,750	42	13
Private	University of Notre Dame	2,554,004	17	15	2,829,914	17	15
Public	University of Oklahoma - Norman	398,805	104	34	384,432	104	31
Public	University of Oklahoma Health Sciences Center	170,917	200	75	164,757	202	76
Public	University of Oregon	227,990	165	62	246,528	167	61
Private	University of Pennsylvania	3,393,297	10	9	3,381,848	12	10
Public	University of Pittsburgh - Pittsburgh	1,153,362	32	8	1,103,082	39	11
Public	University of Rhode Island	53,147	421	138	61,118	404	134
Private	University of Rochester	1,141,722	33	25	1,245,406	31	24
Public	University of South Carolina - Columbia	292,562	132	49	302,678	142	50
Public	University of South Florida	245,803	157	59	253,897	162	58
Private	University of Southern California	2,130,977	19	17	2,086,245	20	18
Public	University of Tennessee - Knoxville	446,948	89	30	385,850	112	35
Public	University of Tennessee Health Science Center	123,499	261	96	139,048	253	90
Public	University of Texas - Austin	1,351,158	26	6	1,463,114	25	6
Public	University of Texas Health Science Center - Houston	87,927	327	113	88,680	331	112
Public	University of Texas Health Science Ctr - San Antonio	226,799	166	63	252,520	163	59
Public	University of Texas MD Anderson Cancer Center	263,643	147	54	278,151	147	51
Public	University of Texas Medical Branch - Galveston	295,898	130	47	316,291	135	47
Public	University of Texas SW Medical Center - Dallas	724,188	57	18	644,909	69	20
Public	University of Utah	324,624	125	45	340,947	125	42
Public	University of Vermont	191,833	187	71	202,029	187	70
Public	University of Virginia	1,686,625	23	4	1,708,199	23	4
Public	University of Washington - Seattle	1,111,726	34	9	927,806	48	15
Public	University of Wisconsin - Madison	1,000,857	42	13	1,075,354	36	9
Public	University of Wyoming	129,473	248	90	135,445	261	93
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	74,324	356	122	79,213	361	122
Private	Vanderbilt University	2,019,612	20	18	2,159,614	19	17
Public	Virginia Commonwealth University	185,127	192	72	218,321	179	66
Public	Virginia Polytechnic Institute and State University	328,680	123	43	359,528	118	39
Private	Wake Forest University	732,570	56	39	812,389	57	40
Public	Washington State University - Pullman	473,225	87	29	468,849	88	27
Private	Washington University	3,517,104	8	8	3,951,509	8	8
Public	Wayne State University	148,679	221	80	159,506	225	81
Public	West Virginia University	271,970	142	53	274,140	151	54
Private	Woods Hole Oceanographic Institution	234,600	160	100	268,200	154	100
Private	Yale University	10,523,600	2	2	10,725,100	2	2
Private	Yeshiva University	864,020	50	34	831,438	55	38

2000 Endowment Assets x \$1000	2000 National Rank	2000 Control Rank	1999 Endowment Assets x \$1000	1999 National Rank	1999 Control Rank
109,117	307	103	134,270	245	88
149,560	248	88	154,598	210	75
14,956	642	229	14,961	559	202
319,061	136	43	314,183	125	39
65,247	397	131	60,579	371	123
41,521	487	159	38,550	452	147
140,341	259	91	120,000	263	91
465,212	92	67	428,571	89	64
3,329,637	14	2	2,424,588	15	2
1,808,812	23	4	1,509,769	23	4
218,320	185	70	173,236	197	71
379,095	119	38	350,319	110	32
590,875	78	22	429,991	88	25
225,466	180	68	170,631	199	72
128,789	267	93	117,139	266	92
156,016	237	85	135,880	240	87
202,558	196	72	193,377	182	67
1,105,254	37	11	925,746	38	11
3,089,007	17	15	1,984,256	16	14
417,909	102	29	338,762	115	35
131,971	264	92	145,184	229	82
251,359	164	58	214,503	170	58
3,200,812	16	14	3,281,342	10	9
1,018,015	44	13	854,840	48	14
64,881	399	132	58,740	374	125
1,278,774	34	25	1,119,027	30	23
267,740	160	55	253,775	150	50
237,027	174	64	202,784	175	61
2,152,589	21	18	1,589,833	21	18
384,617	117	36	151,240	219	78
156,209	236	84	129,000	251	89
1,611,050	25	6	1,355,016	26	6
96,519	325	110	77,088	343	116
293,090	149	50	252,852	152	51
300,480	145	48	256,739	147	48
342,602	129	42	302,115	128	40
713,253	68	19	593,224	71	21
317,268	137	44	269,430	138	44
201,781	198	73	180,423	193	69
1,738,984	24	5	1,398,068	25	5
911,804	53	16	745,217	54	16
1,080,363	39	12	909,834	40	12
141,132	257	90	136,140	239	86
NR			NR		
76,878	372	123	64,821	366	122
2,314,935	19	17	1,831,766	17	15
225,674	179	67	200,793	177	63
368,197	123	41	340,244	114	34
969,618	46	33	857,938	47	34
437,093	98	28	421,402	91	26
4,234,599	8	8	3,761,686	7	7
158,841	231	82	146,275	227	81
283,688	153	54	254,576	149	49
278,829	156	102	270,500	136	93
10,084,900	2	2	7,197,900	2	2
775,262	63	45	674,833	61	44

Annual Giving							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 Annual Giving x \$1000	2002 National Rank	2002 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank
Public	Arizona State University - Tempe	60,505	80	48	79,311	58	31
Public	Auburn University	38,054	114	67	60,620	76	42
Private	Baylor College of Medicine	79,252	56	28	95,400	48	23
Private	Boston College	56,014	89	37	50,575	90	42
Private	Boston University	90,589	48	23	85,584	55	25
Private	Brandeis University	63,354	71	30	61,390	75	34
Private	Brown University	85,044	53	26	79,458	57	27
Private	California Institute of Technology	113,260	42	19	83,020	56	26
Private	Carnegie Mellon University	36,294	117	48	71,392	62	28
Private	Case Western Reserve University	100,131	45	20	180,923	24	13
Private	Charles R. Drew University of Medicine and Science	NR			NR		
Public	Clemson University	40,039	109	64	50,458	92	50
Public	Colorado State University	22,820	181	100	26,255	163	94
Private	Columbia University	271,231	9	7	358,683	3	3
Private	Cornell University	363,032	4	4	309,473	6	6
Private	Dartmouth College	85,927	51	25	114,913	39	20
Public	Desert Research Institute	NR			NR		
Private	Drexel University	23,868	169	75	34,663	133	53
Private	Duke University	264,580	10	8	264,425	12	10
Private	Emory University	210,372	19	12	297,778	7	7
Public	Florida A&M University	NR			NR		
Public	Florida International University	10,787	310	143	20,235	153	90
Public	Florida State University	61,223	76	44	67,880	66	36
Public	George Mason University	18,316	206	106	22,300	187	100
Private	George Washington University	48,401	98	42	32,656	137	54
Private	Georgetown University	78,896	57	29	94,201	49	24
Public	Georgia Institute of Technology	78,658	58	29	120,107	37	18
Private	Harvard University	477,617	2	2	683,173	1	1
Private	Howard University	NR			NR		
Public	Indiana University - Bloomington	64,269	68	39	105,297	44	23
Public	Indiana University-Purdue University - Indianapolis	117,520	41	23	192,543	21	10
Public	Iowa State University	60,720	79	47	52,019	87	47
Public	Jackson State University	NR			NR		
Private	Johns Hopkins University	318,687	6	6	347,732	5	5
Public	Kansas State University	37,263	116	69	44,547	105	61
Private	Loma Linda University	24,690	163	72	24,844	174	78
Public	Louisiana State University - Baton Rouge	61,400	75	43	50,500	91	49
Public	Louisiana State University Health Sciences Center	9,877	337	149	6,885	477	186
Private	Loyola University Chicago	22,352	183	83	25,151	173	77
Private	Massachusetts Institute of Technology	220,573	17	11	199,002	20	11
Private	MCP Hahnemann University	NR			NR		
Public	Medical College of Georgia	5,128	528	206	6,118	511	197
Private	Medical College of Wisconsin	17,400	216	107	16,000	255	129
Public	Medical University of South Carolina	30,123	134	81	18,747	221	111
Public	Michigan State University	211,629	18	7	202,007	19	9
Public	Mississippi State University	53,341	91	54	41,178	114	67
Public	Montana State University - Bozeman	NR			15,900	256	127
Private	Mount Sinai School of Medicine	NR			NR		
Public	New Mexico State University - Las Cruces	11,314	302	139	11,633	311	147
Private	New York University	251,408	13	10	171,933	26	14
Public	North Carolina State University	122,164	37	19	90,342	52	28
Private	Northeastern University	27,701	142	56	27,082	159	68
Private	Northwestern University	183,335	24	16	165,717	27	15
Public	Ohio State University - Columbus	179,493	26	10	210,551	16	6
Public	Oklahoma State University - Stillwater	31,349	131	79	41,256	113	66
Public	Oregon Health & Science University	62,159	72	42	66,100	69	38
Public	Oregon State University	43,621	101	59	29,595	150	88
Public	Pennsylvania State University - Hershey Medical Ctr	23,489	174	96	30,080	147	86

2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
69,026	66	35	46,610	86	46
37,301	119	67	37,911	108	58
92,078	47	25	63,647	62	31
48,668	91	43	43,589	100	44
73,428	62	29	73,375	54	28
61,704	74	36	43,534	101	45
93,077	45	23	75,090	52	27
117,561	33	17	138,091	25	15
71,671	64	31	40,814	101	49
109,933	38	19	75,342	51	26
NR			NR		
82,929	54	28	33,314	121	66
22,465	178	96	21,230	162	88
292,268	7	7	284,487	4	4
308,676	4	4	341,359	2	2
116,128	34	18	106,893	38	21
NR			NR		
24,282	166	79	63,887	61	30
302,558	6	6	234,507	7	6
101,430	41	20	233,900	8	7
NR			NR		
NR			NR		
68,203	67	36	54,500	71	37
14,000	264	125	NR		
40,350	107	49	44,019	91	43
92,837	46	24	82,078	44	23
107,465	40	21	82,702	43	21
485,238	2	2	451,672	1	1
NR			NR		
100,797	42	22	79,719	47	24
90,718	49	24	71,748	55	27
130,022	29	14	49,490	82	44
NR			NR		
304,044	5	5	206,973	14	11
40,331	108	59	35,042	114	62
27,360	152	70	27,345	134	61
33,400	128	72	38,500	106	56
NR			NR		
19,645	201	96	24,718	147	68
238,426	12	10	208,437	12	10
NR			NR		
9,688	347	152	10,583	310	132
17,800	216	108	NR		
16,714	225	110	15,909	216	104
121,287	32	16	104,136	40	19
26,720	156	83	26,325	138	75
12,000	291	136	NR		
NR			NR		
8,452	385	161	6,392	449	174
236,620	13	11	128,044	29	16
74,363	59	32	74,999	53	26
31,089	137	64	28,268	128	58
203,069	17	12	144,550	24	14
174,329	22	9	153,437	21	8
37,984	115	65	35,088	113	61
51,535	89	49	34,010	117	64
37,178	120	68	40,958	100	52
12,800	274	129	18,400	188	97

Annual Giving							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Annual Giving x \$1000	2002 National Rank	2002 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank
Public	Pennsylvania State University - University Park	140,931	31	15	123,862	35	17
Private	Princeton University	185,223	22	14	184,882	23	12
Public	Purdue University - West Lafayette	164,000	28	12	130,735	34	16
Private	Rensselaer Polytechnic Institute	57,167	88	36	61,736	73	33
Private	Rice University	59,493	81	33	67,497	67	31
Private	Rockefeller University	91,257	47	22	65,115	70	32
Private	Rush University	29,600	137	55	NR		
Public	Rutgers the State University of NJ - New Brunswick	74,637	61	32	106,028	41	21
Private	Saint Louis University - St. Louis	24,110	166	74	32,550	138	55
Public	San Diego State University	52,706	93	55	42,097	110	65
Private	Stanford University	454,770	3	3	468,967	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	2,539	702	250	999	890	352
Public	Stony Brook University	18,567	202	105	18,180	233	115
Private	Syracuse University	38,785	112	46	37,530	126	51
Public	Temple University	32,898	123	75	38,655	122	73
Public	Texas A&M University	118,204	39	21	114,527	40	20
Private	Thomas Jefferson University	31,903	127	50	25,800	167	72
Private	Tufts University	82,253	54	27	55,638	82	38
Private	Tulane University	53,177	92	38	53,869	85	39
Public	University at Albany	22,959	179	98	17,826	237	118
Public	University at Buffalo	25,501	157	90	30,223	146	85
Public	University of Alabama - Birmingham	51,496	96	56	54,358	84	46
Public	University of Alabama - Huntsville	3,443	644	230	5,474	540	208
Public	University of Alabama - Tuscaloosa	54,569	90	53	40,071	119	70
Public	University of Alaska - Fairbanks	3,780	624	224	18,621	222	112
Public	University of Arizona	119,687	38	20	103,822	45	24
Public	University of Arkansas - Fayetteville	63,660	70	41	61,824	72	40
Public	University of Arkansas for Medical Sciences	NR			17,572	240	121
Public	University of California - Berkeley	223,261	16	6	202,607	18	8
Public	University of California - Davis	81,869	55	28	73,286	60	33
Public	University of California - Irvine	38,901	111	66	48,490	97	55
Public	University of California - Los Angeles	282,343	8	2	263,652	13	3
Public	University of California - Riverside	30,332	133	80	20,754	202	105
Public	University of California - San Diego	101,214	44	25	93,632	50	26
Public	University of California - San Francisco	207,228	20	8	271,565	11	2
Public	University of California - Santa Barbara	26,680	149	88	29,994	148	87
Public	University of California - Santa Cruz	13,513	261	124	13,615	273	135
Public	University of Central Florida	7,619	404	172	NR		
Private	University of Chicago	183,772	23	15	163,615	28	16
Public	University of Cincinnati - Cincinnati	131,475	33	16	86,247	54	30
Public	University of Colorado - Boulder	61,006	77	45	48,716	96	54
Public	University of Colorado Health Sciences Center	31,555	129	78	46,340	99	56
Public	University of Connecticut - Health Center	8,652	372	157	9,960	357	161
Public	University of Connecticut - Storrs	34,607	121	73	40,640	117	68
Private	University of Dayton	25,467	159	69	23,441	183	86
Public	University of Delaware	43,024	102	60	44,990	100	57
Public	University of Florida	179,330	27	11	142,945	32	15
Public	University of Georgia	57,832	84	50	43,603	107	63
Public	University of Hawaii - Manoa	18,269	208	107	19,665	211	109
Public	University of Houston - University Park	32,302	126	77	33,185	135	82
Public	University of Idaho	23,957	168	94	21,878	191	101
Public	University of Illinois - Chicago	74,659	60	31	37,175	128	77
Public	University of Illinois - Urbana-Champaign	129,555	34	17	105,576	43	22
Public	University of Iowa	85,260	52	27	96,059	47	25
Public	University of Kansas - Lawrence	57,441	87	52	64,308	71	39
Public	University of Kansas Medical Center	14,360	252	122	16,077	252	126
Public	University of Kentucky	60,958	78	46	55,351	83	45
Public	University of Louisville	37,960	115	68	56,330	81	44

2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
125,958	31	15	112,161	37	17
166,189	24	14	159,080	19	13
84,358	52	26	81,964	45	22
42,716	102	46	36,466	109	51
73,651	61	28	78,362	49	25
60,179	76	37	53,198	74	36
NR			NR		
73,945	60	33	54,567	70	36
31,662	134	61	30,162	126	57
39,635	111	62	32,256	122	67
580,474	1	1	319,590	3	3
900	907	348	NR		
20,080	200	105	11,583	287	127
42,814	101	45	33,683	120	55
39,721	110	61	44,385	89	48
110,426	37	19	123,580	31	15
31,000	138	65	23,400	155	72
72,990	63	30	52,555	76	37
66,000	70	34	60,200	67	32
16,215	233	111	14,964	231	110
28,287	148	79	16,759	207	102
56,864	83	43	38,095	107	57
10,503	325	146	1,243	849	304
37,688	116	66	30,700	125	69
9,429	354	155	NR		
91,711	48	23	76,839	50	25
88,197	50	25	98,118	41	20
27,600	149	80	18,600	187	96
166,844	23	10	184,231	16	4
76,768	58	31	53,229	73	38
67,254	70	37	48,545	83	45
253,765	10	2	208,204	13	3
12,403	281	134	12,580	263	123
112,792	36	18	114,736	34	16
218,320	16	5	151,700	22	9
24,111	168	89	19,435	183	93
15,564	241	116	22,556	160	86
12,160	285	135	7,792	397	157
177,619	21	13	120,663	32	17
61,671	76	40	40,765	102	53
57,284	82	42	51,873	78	40
28,642	145	78	25,936	141	77
5,200	558	209	2,048	756	261
31,755	133	73	23,551	152	82
27,205	154	72	14,213	239	126
44,679	99	56	40,107	104	55
163,600	26	12	135,389	26	11
45,739	98	55	42,534	96	50
22,844	173	94	13,451	249	120
80,777	56	30	35,519	111	59
27,396	151	82	22,054	161	87
38,509	114	64	35,160	112	60
107,504	39	20	105,480	39	18
83,894	53	27	81,512	46	23
62,793	74	39	64,737	58	30
15,698	239	115	16,184	213	103
48,382	95	52	52,540	76	39
44,091	100	57	54,881	69	35

Annual Giving							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Annual Giving x \$1000	2002 National Rank	2002 Control Rank	2001 Annual Giving x \$1000	2001 National Rank	2001 Control Rank
Public	University of Maine - Orono	10,628	314	144	50,214	93	51
Public	University of Maryland - Baltimore	41,915	103	61	37,384	127	76
Public	University of Maryland - Baltimore County	10,491	318	145	10,873	328	152
Public	University of Maryland - College Park	72,279	63	34	75,964	59	32
Public	University of Massachusetts - Amherst	22,222	185	102	22,530	186	99
Public	University of Massachusetts Medical Sch - Worcester	NR			15,300	261	129
Public	University of Medicine & Dentistry of New Jersey	18,000	211	108	44,900	101	58
Private	University of Miami	86,222	50	24	105,812	42	21
Public	University of Michigan - Ann Arbor	161,383	29	13	209,390	17	7
Public	University of Minnesota - Twin Cities	233,338	14	4	228,926	15	5
Public	University of Mississippi - Oxford	104,632	43	24	44,840	102	59
Public	University of Missouri - Columbia	90,339	49	26	43,872	106	62
Public	University of Nebraska - Lincoln	64,416	67	38	67,986	65	35
Public	University of Nebraska Medical Center	36,029	118	70	38,025	124	75
Public	University of Nevada - Reno	14,515	248	119	17,713	238	119
Public	University of New Hampshire - Durham	14,473	249	120	16,968	245	123
Public	University of New Mexico - Albuquerque	35,423	119	71	33,818	134	81
Public	University of North Carolina - Chapel Hill	180,616	25	9	160,375	29	13
Private	University of Notre Dame	126,755	36	18	142,242	33	18
Public	University of Oklahoma - Norman	67,579	65	36	59,455	77	43
Public	University of Oklahoma Health Sciences Center	23,744	170	95	29,284	151	89
Public	University of Oregon	67,142	66	37	48,960	95	53
Private	University of Pennsylvania	319,742	5	5	285,596	9	8
Public	University of Pittsburgh - Pittsburgh	75,248	59	30	88,645	53	29
Public	University of Rhode Island	15,104	239	117	14,320	269	133
Private	University of Rochester	57,454	85	35	69,900	63	29
Public	University of South Carolina - Columbia	64,235	69	40	50,629	89	48
Public	University of South Florida	40,819	106	63	37,039	130	78
Private	University of Southern California	585,162	1	1	280,986	10	9
Public	University of Tennessee - Knoxville	69,588	64	35	72,403	61	34
Public	University of Tennessee Health Science Center	9,489	351	153	10,216	348	159
Public	University of Texas - Austin	155,312	30	14	179,951	25	12
Public	University of Texas Health Science Center - Houston	34,875	120	72	23,807	181	97
Public	University of Texas Health Science Ctr - San Antonio	29,419	138	83	33,118	136	83
Public	University of Texas MD Anderson Cancer Center	57,834	83	49	61,585	74	41
Public	University of Texas Medical Branch - Galveston	41,041	105	62	38,150	123	74
Public	University of Texas SW Medical Center - Dallas	117,557	40	22	90,409	51	27
Public	University of Utah	127,760	35	18	146,344	31	14
Public	University of Vermont	27,639	144	87	31,819	142	84
Public	University of Virginia	255,044	12	3	189,900	22	11
Public	University of Washington - Seattle	231,814	15	5	231,918	14	4
Public	University of Wisconsin - Madison	307,214	7	1	292,429	8	1
Public	University of Wyoming	17,361	217	110	12,311	302	143
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	11,937	290	136	21,199	197	103
Private	Vanderbilt University	198,515	21	13	155,719	30	17
Public	Virginia Commonwealth University	29,760	136	82	27,395	158	91
Public	Virginia Polytechnic Institute and State University	72,579	62	33	66,429	68	37
Private	Wake Forest University	58,738	82	34	58,298	80	37
Public	Washington State University - Pullman	39,747	110	65	40,005	120	71
Private	Washington University	137,226	32	17	122,061	36	19
Public	Wayne State University	NR			44,650	103	60
Public	West Virginia University	57,445	86	51	38,845	121	72
Private	Woods Hole Oceanographic Institution	13,800	259	136	24,124	179	83
Private	Yale University	256,342	11	9	350,123	4	4
Private	Yeshiva University	61,628	73	31	103,000	46	22

2000 Annual Giving x \$1000	2000 National Rank	2000 Control Rank	1999 Annual Giving x \$1000	1999 National Rank	1999 Control Rank
14,388	256	121	17,910	198	99
29,419	143	76	21,148	163	89
7,926	415	172	9,710	331	141
56,119	84	44	50,309	81	43
21,117	193	102	19,268	185	95
15,700	238	114	4,113	578	206
22,400	179	97	14,400	237	113
100,563	43	21	85,736	42	22
221,381	15	4	169,913	17	5
193,950	20	8	161,966	18	6
71,230	65	34	26,099	140	76
39,212	113	63	40,371	103	54
47,615	96	53	155,000	20	7
18,895	207	107	55,246	68	34
21,604	190	101	28,206	129	71
11,790	294	138	15,055	228	108
30,879	139	74	25,306	144	78
164,640	25	11	148,310	23	10
140,679	28	15	113,527	36	20
51,244	90	50	45,195	88	47
26,398	158	85	19,370	184	94
48,584	94	51	51,270	79	41
288,152	8	8	270,061	5	5
82,030	55	29	65,574	57	29
12,758	276	130	14,105	240	114
64,091	71	35	48,321	79	39
52,357	88	48	50,437	80	42
40,809	106	58	19,694	179	92
253,288	11	9	216,784	10	9
54,141	86	46	42,628	95	49
20,357	199	104	14,900	235	112
201,637	18	6	132,940	27	12
23,880	169	90	24,675	148	80
26,499	157	84	17,376	202	101
63,526	73	38	63,189	63	32
34,969	124	71	24,380	149	81
115,033	35	17	64,393	59	31
144,016	27	13	125,544	30	14
24,280	167	88	22,818	159	85
195,284	19	7	132,184	28	13
225,575	14	3	210,745	11	2
280,182	9	1	245,382	6	1
14,972	248	120	NR		
NR			NR		
23,729	171	92	21,006	165	90
94,181	44	22	193,183	15	12
27,567	150	81	27,507	132	73
55,610	85	45	71,373	56	28
42,502	103	47	47,159	80	40
45,808	97	54	41,240	99	51
127,219	30	16	114,367	35	19
40,000	109	60	34,220	115	63
52,855	87	47	28,088	130	72
15,588	240	125	4,785	538	342
358,103	3	3	224,443	9	8
77,209	57	27	41,299	104	48

National Academy Membership							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 National Academy Members	2002 National Rank	2002 Control Rank	2001 National Academy Members	2001 National Rank	2001 Control Rank
Public	Arizona State University - Tempe	4	98	60	4	96	57
Public	Auburn University	0	187	114	0	188	111
Private	Baylor College of Medicine	14	55	25	13	54	24
Private	Boston College	2	114	45	2	114	45
Private	Boston University	13	56	26	13	54	24
Private	Brandeis University	11	61	29	12	60	29
Private	Brown University	19	45	23	17	48	22
Private	California Institute of Technology	95	6	5	93	6	5
Private	Carnegie Mellon University	22	39	19	21	39	20
Private	Case Western Reserve University	20	42	21	24	34	18
Private	Charles R. Drew University of Medicine and Science	2	114	45	2	114	45
Public	Clemson University	1	136	82	1	134	82
Public	Colorado State University	6	81	47	7	75	42
Private	Columbia University	84	9	7	77	11	8
Private	Cornell University	78	12	9	80	9	7
Private	Dartmouth College	11	61	29	13	54	24
Public	Desert Research Institute	0	187	114	0	188	111
Private	Drexel University	4	98	39	5	86	35
Private	Duke University	45	21	12	42	22	13
Private	Emory University	12	58	27	9	67	31
Public	Florida A&M University	0	187	114	0	188	111
Public	Florida International University	1	136	82	0	188	111
Public	Florida State University	7	77	43	7	75	42
Public	George Mason University	2	114	70	2	114	70
Private	George Washington University	4	98	39	4	96	40
Private	Georgetown University	5	88	36	5	86	35
Public	Georgia Institute of Technology	26	33	16	25	32	15
Private	Harvard University	259	1	1	265	1	1
Private	Howard University	6	81	35	5	86	35
Public	Indiana University - Bloomington	9	68	35	11	61	32
Public	Indiana University-Purdue University - Indianapolis	7	77	43	6	80	47
Public	Iowa State University	9	68	35	7	75	42
Public	Jackson State University	0	187	114	0	188	111
Private	Johns Hopkins University	63	16	10	64	15	10
Public	Kansas State University	0	187	114	0	188	111
Private	Loma Linda University	0	187	74	0	188	78
Public	Louisiana State University - Baton Rouge	2	114	70	1	134	82
Public	Louisiana State University Health Sciences Center	0	187	114	0	188	111
Private	Loyola University Chicago	0	187	74	0	188	78
Private	Massachusetts Institute of Technology	232	3	3	232	3	3
Private	MCP Hahnemann University	0	187	74	1	134	53
Public	Medical College of Georgia	0	187	114	0	188	111
Private	Medical College of Wisconsin	1	136	55	1	134	53
Public	Medical University of South Carolina	2	114	70	2	114	70
Public	Michigan State University	6	81	47	6	80	47
Public	Mississippi State University	0	187	114	0	188	111
Public	Montana State University - Bozeman	0	187	114	0	188	111
Private	Mount Sinai School of Medicine	11	61	29	10	63	30
Public	New Mexico State University - Las Cruces	0	187	114	0	188	111
Private	New York University	32	29	17	29	29	17
Public	North Carolina State University	18	47	24	19	42	21
Private	Northeastern University	0	187	74	0	188	78
Private	Northwestern University	34	28	16	31	28	16
Public	Ohio State University - Columbus	17	50	27	15	53	30
Public	Oklahoma State University - Stillwater	3	104	64	3	104	63
Public	Oregon Health & Science University	6	81	47	4	96	57
Public	Oregon State University	5	88	53	5	86	52
Public	Pennsylvania State University - Hershey Medical Ctr	0	187	114	2	114	70

2000 National Academy Members	2000 National Rank	2000 Control Rank	1999 National Academy Members	1999 National Rank	1999 Control Rank
3	101	61	3	101	61
0	188	112	0	181	108
12	56	26	10	60	28
1	133	51	0	181	74
14	54	25	14	50	24
12	56	26	12	56	26
17	46	22	16	47	22
93	6	5	92	6	5
22	35	19	21	36	19
23	34	18	22	34	18
2	113	44	1	123	48
1	133	83	1	123	76
6	79	46	5	82	48
75	10	8	70	11	9
82	9	7	75	9	7
15	51	24	13	52	25
0	188	112	0	181	108
3	101	41	3	101	41
40	22	13	38	22	13
9	67	31	8	69	32
0	188	112	0	181	108
0	188	112	0	181	108
6	79	46	7	70	38
1	133	83	1	123	76
4	97	40	7	70	33
5	84	35	4	93	38
22	35	17	18	43	23
247	1	1	250	1	1
5	84	35	5	82	35
10	63	33	7	70	38
5	84	50	3	101	61
7	73	41	7	70	38
0	188	112	0	181	108
65	14	10	61	15	10
0	188	112	0	181	108
0	188	77	0	181	74
1	133	83	1	123	76
0	188	112	0	181	108
0	188	77	0	181	74
236	3	3	227	3	3
1	133	51	3	101	41
0	188	112	0	181	108
1	133	51	1	123	48
2	113	70	2	113	68
6	79	46	7	70	38
0	188	112	0	181	108
0	188	112	0	181	108
11	59	28	9	65	30
0	188	112	1	123	76
30	29	17	25	29	17
15	51	28	18	43	23
0	188	77	0	181	74
31	28	16	33	26	15
13	55	30	11	58	32
3	101	61	3	101	61
4	97	58	4	93	56
5	84	50	4	93	56
3	101	61	3	101	61

National Academy Membership							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 National Academy Members	2002 National Rank	2002 Control Rank	2001 National Academy Members	2001 National Rank	2001 Control Rank
Public	Pennsylvania State University - University Park	25	35	18	23	37	19
Private	Princeton University	79	10	8	76	12	9
Public	Purdue University - West Lafayette	15	53	30	16	52	29
Private	Rensselaer Polytechnic Institute	12	58	27	13	54	24
Private	Rice University	21	40	20	21	39	20
Private	Rockefeller University	44	22	13	43	21	12
Private	Rush University	3	104	41	2	114	45
Public	Rutgers the State University of NJ - New Brunswick	27	31	14	25	32	15
Private	Saint Louis University - St. Louis	1	136	55	1	134	53
Public	San Diego State University	0	187	114	0	188	111
Private	Stanford University	244	2	2	243	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	1	136	82	1	134	82
Public	Stony Brook University	13	56	31	13	54	31
Private	Syracuse University	1	136	55	1	134	53
Public	Temple University	0	187	114	0	188	111
Public	Texas A&M University	17	50	27	17	48	27
Private	Thomas Jefferson University	5	88	36	5	86	35
Private	Tufts University	8	76	34	6	80	34
Private	Tulane University	3	104	41	3	104	42
Public	University at Albany	0	187	114	0	188	111
Public	University at Buffalo	5	88	53	5	86	52
Public	University of Alabama - Birmingham	9	68	35	10	63	34
Public	University of Alabama - Huntsville	0	187	114	0	188	111
Public	University of Alabama - Tuscaloosa	0	187	114	0	188	111
Public	University of Alaska - Fairbanks	0	187	114	0	188	111
Public	University of Arizona	28	30	13	29	29	13
Public	University of Arkansas - Fayetteville	2	114	70	2	114	70
Public	University of Arkansas for Medical Sciences	1	136	82	1	134	82
Public	University of California - Berkeley	202	4	1	199	4	1
Public	University of California - Davis	27	31	14	28	31	14
Public	University of California - Irvine	24	37	20	20	41	20
Public	University of California - Los Angeles	60	17	7	58	17	7
Public	University of California - Riverside	4	98	60	6	80	47
Public	University of California - San Diego	91	7	2	93	6	2
Public	University of California - San Francisco	77	13	4	68	14	5
Public	University of California - Santa Barbara	38	23	10	34	27	12
Public	University of California - Santa Cruz	9	68	35	10	63	34
Public	University of Central Florida	0	187	114	0	188	111
Private	University of Chicago	52	19	11	56	18	11
Public	University of Cincinnati - Cincinnati	5	88	53	3	104	63
Public	University of Colorado - Boulder	26	33	16	24	34	17
Public	University of Colorado Health Sciences Center	9	68	35	7	75	42
Public	University of Connecticut - Health Center	3	104	64	3	104	63
Public	University of Connecticut - Storrs	1	136	82	1	134	82
Private	University of Dayton	0	187	74	1	134	53
Public	University of Delaware	9	68	35	10	63	34
Public	University of Florida	16	52	29	17	48	27
Public	University of Georgia	7	77	43	8	72	40
Public	University of Hawaii - Manoa	5	88	53	5	86	52
Public	University of Houston - University Park	9	68	35	8	72	40
Public	University of Idaho	0	187	114	0	188	111
Public	University of Illinois - Chicago	6	81	47	6	80	47
Public	University of Illinois - Urbana-Champaign	51	20	9	54	19	8
Public	University of Iowa	18	47	24	19	42	21
Public	University of Kansas - Lawrence	6	81	47	7	75	42
Public	University of Kansas Medical Center	0	187	114	0	188	111
Public	University of Kentucky	3	104	64	4	96	57
Public	University of Louisville	1	136	82	1	134	82

2000 National Academy Members	2000 National Rank	2000 Control Rank	1999 National Academy Members	1999 National Rank	1999 Control Rank
22	35	17	22	34	17
73	11	9	74	10	8
17	46	25	20	37	18
11	59	28	11	58	27
19	42	21	18	43	21
43	21	12	40	21	12
2	113	44	3	101	41
26	31	14	23	33	16
1	133	51	1	123	48
0	188	112	0	181	108
239	2	2	230	2	2
1	133	83	1	123	76
12	56	31	13	52	28
1	133	51	1	123	48
1	133	83	1	123	76
15	51	28	13	52	28
6	79	34	5	82	35
5	84	35	4	93	38
3	101	41	1	123	48
0	188	112	0	181	108
5	84	50	5	82	48
9	67	37	9	65	36
0	188	112	0	181	108
0	188	112	0	181	108
0	188	112	0	181	108
27	30	13	25	29	13
2	113	70	2	113	68
0	188	112	0	181	108
190	4	1	188	4	1
25	32	15	24	32	15
21	40	21	20	37	18
61	16	6	64	14	5
6	79	46	5	82	48
91	7	2	85	7	2
64	15	5	60	16	6
32	27	12	30	28	12
10	63	33	10	60	33
0	188	112	0	181	108
60	17	11	59	17	11
2	113	70	2	113	68
24	33	16	25	29	13
7	73	41	6	80	46
3	101	61	3	101	61
1	133	83	0	181	108
1	133	51	1	123	48
10	63	33	10	60	33
17	46	25	15	49	26
8	72	40	9	65	36
5	84	50	5	82	48
7	73	41	7	70	38
0	188	112	0	181	108
5	84	50	5	82	48
53	19	8	54	18	7
18	44	23	14	50	27
7	73	41	5	82	48
0	188	112	0	181	108
4	97	58	4	93	56
1	133	83	1	123	76

National Academy Membership							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 National Academy Members	2002 National Rank	2002 Control Rank	2001 National Academy Members	2001 National Rank	2001 Control Rank
Public	University of Maine - Orono	1	136	82	0	188	111
Public	University of Maryland - Baltimore	11	61	33	9	67	37
Public	University of Maryland - Baltimore County	0	187	114	0	188	111
Public	University of Maryland - College Park	19	45	23	19	42	21
Public	University of Massachusetts - Amherst	9	68	35	9	67	37
Public	University of Massachusetts Medical Sch - Worcester	4	98	60	3	104	63
Public	University of Medicine & Dentistry of New Jersey	1	136	82	1	134	82
Private	University of Miami	2	114	45	2	114	45
Public	University of Michigan - Ann Arbor	70	14	5	62	16	6
Public	University of Minnesota - Twin Cities	38	23	10	35	25	10
Public	University of Mississippi - Oxford	0	187	114	0	188	111
Public	University of Missouri - Columbia	5	88	53	5	86	52
Public	University of Nebraska - Lincoln	2	114	70	2	114	70
Public	University of Nebraska Medical Center	1	136	82	2	114	70
Public	University of Nevada - Reno	2	114	70	2	114	70
Public	University of New Hampshire - Durham	0	187	114	0	188	111
Public	University of New Mexico - Albuquerque	3	104	64	3	104	63
Public	University of North Carolina - Chapel Hill	36	26	12	35	25	10
Private	University of Notre Dame	2	114	45	2	114	45
Public	University of Oklahoma - Norman	2	114	70	2	114	70
Public	University of Oklahoma Health Sciences Center	1	136	82	1	134	82
Public	University of Oregon	7	77	43	5	86	52
Private	University of Pennsylvania	91	7	6	87	8	6
Public	University of Pittsburgh - Pittsburgh	21	40	21	19	42	21
Public	University of Rhode Island	1	136	82	1	134	82
Private	University of Rochester	23	38	18	22	38	19
Public	University of South Carolina - Columbia	1	136	82	1	134	82
Public	University of South Florida	3	104	64	3	104	63
Private	University of Southern California	35	27	15	36	24	15
Public	University of Tennessee - Knoxville	1	136	82	1	134	82
Public	University of Tennessee Health Science Center	0	187	114	0	188	111
Public	University of Texas - Austin	53	18	8	52	20	9
Public	University of Texas Health Science Center - Houston	5	88	53	4	96	57
Public	University of Texas Health Science Ctr - San Antonio	1	136	82	1	134	82
Public	University of Texas MD Anderson Cancer Center	1	136	82	1	134	82
Public	University of Texas Medical Branch - Galveston	2	114	70	2	114	70
Public	University of Texas SW Medical Center - Dallas	25	35	18	24	34	17
Public	University of Utah	18	47	24	18	47	26
Public	University of Vermont	3	104	64	3	104	63
Public	University of Virginia	20	42	22	19	42	21
Public	University of Washington - Seattle	79	10	3	78	10	3
Public	University of Wisconsin - Madison	69	15	6	69	13	4
Public	University of Wyoming	2	114	70	1	134	82
Public	US Naval Postgraduate School	1	136	82	1	134	82
Public	Utah State University	0	187	114	0	188	111
Private	Vanderbilt University	15	53	24	13	54	24
Public	Virginia Commonwealth University	2	114	70	2	114	70
Public	Virginia Polytechnic Institute and State University	12	58	32	11	61	32
Private	Wake Forest University	2	114	45	2	114	45
Public	Washington State University - Pullman	6	81	47	6	80	47
Private	Washington University	37	25	14	37	23	14
Public	Wayne State University	5	88	53	4	96	57
Public	West Virginia University	0	187	114	0	188	111
Private	Woods Hole Oceanographic Institution	0	187	74	4	96	40
Private	Yale University	108	5	4	108	5	4
Private	Yeshiva University	10	66	32	9	67	31

2000 National Academy Members	2000 National Rank	2000 Control Rank	1999 National Academy Members	1999 National Rank	1999 Control Rank
0	188	112	0	181	108
9	67	37	6	80	46
0	188	112	1	123	76
18	44	23	19	41	22
10	63	33	12	56	31
2	113	70	0	181	108
2	113	70	2	113	68
1	133	51	1	123	48
60	17	7	53	19	8
36	23	10	36	23	10
0	188	112	0	181	108
5	84	50	5	82	48
2	113	70	2	113	68
2	113	70	0	181	108
2	113	70	2	113	68
0	188	112	0	181	108
4	97	58	4	93	56
33	26	11	35	25	11
2	113	44	2	113	46
3	101	61	4	93	56
2	113	70	2	113	68
5	84	50	5	82	48
87	8	6	82	8	6
17	46	25	13	52	28
1	133	83	1	123	76
20	41	20	19	41	20
1	133	83	1	123	76
3	101	61	3	101	61
34	25	15	36	23	14
1	133	83	1	123	76
0	188	112	0	181	108
52	20	9	51	20	9
5	84	50	7	70	38
1	133	83	1	123	76
1	133	83	1	123	76
2	113	70	1	123	76
22	35	17	20	37	18
19	42	22	17	46	25
3	101	61	1	123	76
22	35	17	20	37	18
71	12	3	70	11	3
68	13	4	66	13	4
1	133	83	1	123	76
1	133	83	1	123	76
0	188	112	0	181	108
11	59	28	10	60	28
1	133	83	0	181	108
11	59	32	10	60	33
2	113	44	3	101	41
7	73	41	7	70	38
35	24	14	33	26	15
3	101	61	2	113	68
0	188	112	0	181	108
5	84	35	5	82	35
101	5	4	98	5	4
9	67	31	9	65	30

Faculty Awards							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 Faculty Awards	2002 National Rank	2002 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank
Public	Arizona State University - Tempe	13	49	26	14	51	30
Public	Auburn University	1	284	175	3	157	107
Private	Baylor College of Medicine	12	56	24	14	51	22
Private	Boston College	4	124	46	0	545	240
Private	Boston University	20	25	13	16	42	17
Private	Brandeis University	9	69	26	7	86	32
Private	Brown University	9	69	26	19	35	15
Private	California Institute of Technology	14	45	21	14	51	22
Private	Carnegie Mellon University	5	103	38	8	79	29
Private	Case Western Reserve University	14	45	21	8	79	29
Private	Charles R. Drew University of Medicine and Science	0	526	225	0	545	240
Public	Clemson University	4	124	79	7	86	55
Public	Colorado State University	5	103	66	10	70	43
Private	Columbia University	44	3	2	38	7	4
Private	Cornell University	36	6	3	22	29	13
Private	Dartmouth College	16	38	17	15	46	20
Public	Desert Research Institute	0	526	306	0	545	301
Private	Drexel University	5	103	38	2	201	70
Private	Duke University	21	21	12	26	21	10
Private	Emory University	15	41	19	14	51	22
Public	Florida A&M University	1	284	175	0	545	306
Public	Florida International University	2	198	123	4	125	85
Public	Florida State University	6	89	56	2	201	132
Public	George Mason University	4	124	79	1	286	176
Private	George Washington University	9	69	26	4	125	41
Private	Georgetown University	16	38	17	11	65	26
Public	Georgia Institute of Technology	21	21	10	20	34	20
Private	Harvard University	56	1	1	51	2	1
Private	Howard University	1	284	109	2	201	70
Public	Indiana University - Bloomington	13	49	26	9	76	48
Public	Indiana University-Purdue University - Indianapolis	2	198	123	5	105	70
Public	Iowa State University	13	49	26	11	65	40
Public	Jackson State University	1	284	175	0	545	306
Private	Johns Hopkins University	35	7	4	39	5	3
Public	Kansas State University	5	103	66	4	125	85
Private	Loma Linda University	0	526	225	0	545	240
Public	Louisiana State University - Baton Rouge	7	80	50	10	70	43
Public	Louisiana State University Health Sciences Center	1	284	175	2	201	132
Private	Loyola University Chicago	2	198	76	2	201	70
Private	Massachusetts Institute of Technology	34	8	5	30	14	7
Private	MCP Hahnemann University	0	526	225	0	545	240
Public	Medical College of Georgia	0	526	301	0	545	306
Private	Medical College of Wisconsin	1	284	109	1	286	111
Public	Medical University of South Carolina	0	526	301	1	286	176
Public	Michigan State University	13	49	26	14	51	30
Public	Mississippi State University	1	284	175	2	201	132
Public	Montana State University - Bozeman	0	526	301	0	545	306
Private	Mount Sinai School of Medicine	3	152	57	3	157	51
Public	New Mexico State University - Las Cruces	4	124	79	6	95	62
Private	New York University	11	59	25	17	39	16
Public	North Carolina State University	7	80	50	17	39	24
Private	Northeastern University	2	198	76	3	157	51
Private	Northwestern University	17	33	15	32	12	6
Public	Ohio State University - Columbus	21	21	10	23	27	15
Public	Oklahoma State University - Stillwater	4	124	79	5	105	70
Public	Oregon Health & Science University	10	61	36	14	51	30
Public	Oregon State University	3	152	96	7	86	55
Public	Pennsylvania State University - Hershey Medical Ctr	5	103	66	5	105	70

2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
11	62	36	10	66	40
3	159	104	0	505	286
13	53	22	15	48	22
6	93	34	3	149	52
20	28	15	16	46	20
14	47	19	13	52	23
11	62	27	13	52	23
14	47	19	19	40	17
14	47	19	5	101	37
6	93	34	10	66	27
0	520	214	0	505	220
6	93	60	4	123	82
5	112	74	6	89	56
38	6	4	38	13	8
32	11	8	27	23	12
13	53	22	9	74	30
0	520	307	0	505	286
5	112	39	2	188	70
31	14	9	38	13	8
10	70	28	17	44	18
2	199	128	1	277	163
2	199	128	7	82	51
2	199	128	4	123	82
3	159	104	3	149	98
2	199	72	5	101	37
6	93	34	7	82	32
15	43	25	6	89	56
60	1	1	69	1	1
1	284	102	3	149	52
11	62	36	13	52	30
4	131	87	7	82	51
6	93	60	4	123	82
1	284	183	0	505	286
34	9	6	42	9	6
1	284	183	1	277	163
0	520	214	0	505	220
10	70	43	9	74	45
2	199	128	2	188	119
4	131	45	4	123	42
33	10	7	42	9	6
0	520	214	0	505	220
2	199	128	2	188	119
1	284	102	5	101	37
1	284	183	2	188	119
15	43	25	10	66	40
3	159	104	3	149	98
5	112	74	3	149	98
3	159	56	5	101	37
7	86	54	4	123	82
22	27	14	28	19	11
14	47	29	6	89	56
4	131	45	4	123	42
27	22	12	25	27	14
19	29	14	25	27	14
6	93	60	1	277	163
11	62	36	10	66	40
6	93	60	4	123	82
4	131	87	6	89	56

Faculty Awards							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Faculty Awards	2002 National Rank	2002 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank
Public	Pennsylvania State University - University Park	26	15	5	26	21	12
Private	Princeton University	30	11	8	25	24	12
Public	Purdue University - West Lafayette	17	33	19	19	35	21
Private	Rensselaer Polytechnic Institute	4	124	46	4	125	41
Private	Rice University	7	80	31	6	95	34
Private	Rockefeller University	19	28	14	16	42	17
Private	Rush University	0	526	225	1	286	111
Public	Rutgers the State University of NJ - New Brunswick	11	59	35	15	46	27
Private	Saint Louis University - St. Louis	1	284	109	2	201	70
Public	San Diego State University	2	198	123	5	105	70
Private	Stanford University	27	13	10	48	3	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	1	284	175	0	545	306
Public	Stony Brook University	18	31	17	21	31	17
Private	Syracuse University	5	103	38	7	86	32
Public	Temple University	3	152	96	5	105	70
Public	Texas A&M University	13	49	26	21	31	17
Private	Thomas Jefferson University	3	152	57	2	201	70
Private	Tufts University	5	103	38	11	65	26
Private	Tulane University	9	69	26	10	70	28
Public	University at Albany	3	152	96	6	95	62
Public	University at Buffalo	6	89	56	4	125	85
Public	University of Alabama - Birmingham	9	69	44	11	65	40
Public	University of Alabama - Huntsville	1	284	175	0	545	306
Public	University of Alabama - Tuscaloosa	3	152	96	1	286	176
Public	University of Alaska - Fairbanks	0	526	301	3	157	107
Public	University of Arizona	21	21	10	16	42	26
Public	University of Arkansas - Fayetteville	4	124	79	3	157	107
Public	University of Arkansas for Medical Sciences	0	526	301	0	545	306
Public	University of California - Berkeley	27	13	4	47	4	2
Public	University of California - Davis	10	61	36	24	25	13
Public	University of California - Irvine	15	41	23	10	70	43
Public	University of California - Los Angeles	26	15	5	39	5	3
Public	University of California - Riverside	4	124	79	8	79	51
Public	University of California - San Diego	17	33	19	30	14	8
Public	University of California - San Francisco	10	61	36	32	12	7
Public	University of California - Santa Barbara	14	45	25	9	76	48
Public	University of California - Santa Cruz	5	103	66	4	125	85
Public	University of Central Florida	4	124	79	0	545	306
Private	University of Chicago	17	33	15	27	18	8
Public	University of Cincinnati - Cincinnati	10	61	36	14	51	30
Public	University of Colorado - Boulder	26	15	5	17	39	24
Public	University of Colorado Health Sciences Center	9	69	44	8	79	51
Public	University of Connecticut - Health Center	4	124	79	3	157	107
Public	University of Connecticut - Storrs	8	77	47	14	51	30
Private	University of Dayton	1	284	109	0	545	240
Public	University of Delaware	7	80	50	4	125	85
Public	University of Florida	16	38	22	24	25	13
Public	University of Georgia	6	89	56	15	46	27
Public	University of Hawaii - Manoa	3	152	96	7	86	55
Public	University of Houston - University Park	4	124	79	4	125	85
Public	University of Idaho	2	198	123	2	201	132
Public	University of Illinois - Chicago	12	56	33	12	61	37
Public	University of Illinois - Urbana-Champaign	26	15	5	34	9	5
Public	University of Iowa	17	33	19	14	51	30
Public	University of Kansas - Lawrence	13	49	26	9	76	48
Public	University of Kansas Medical Center	3	152	96	4	125	85
Public	University of Kentucky	10	61	36	12	61	37
Public	University of Louisville	8	77	47	5	105	70

2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
16	40	22	23	31	16
28	20	11	26	24	13
19	29	14	23	31	16
8	81	31	4	123	42
8	81	31	10	66	27
10	70	28	24	30	15
1	284	102	0	505	220
19	29	14	22	33	18
0	520	214	4	123	42
7	86	54	6	89	56
53	3	2	67	2	2
0	520	307	0	505	286
17	39	21	20	36	21
7	86	33	6	89	34
5	112	74	5	101	65
11	62	36	18	41	24
2	199	72	2	188	70
12	58	25	12	57	25
9	74	30	10	66	27
2	199	128	1	277	163
16	40	22	14	51	29
15	43	25	15	48	27
0	520	307	0	505	286
4	131	87	5	101	65
1	284	183	1	277	163
18	36	20	11	60	34
1	284	183	4	123	82
0	520	307	0	505	286
56	2	1	57	5	2
19	29	14	20	36	21
12	58	34	6	89	56
51	4	2	61	3	1
3	159	104	5	101	65
29	18	8	36	15	6
31	14	6	41	12	5
9	74	45	15	48	27
7	86	54	9	74	45
2	199	128	0	505	286
35	8	5	43	8	5
8	81	51	12	57	33
15	43	25	28	19	9
9	74	45	11	60	34
3	159	104	2	188	119
8	81	51	5	101	65
0	520	214	1	277	115
9	74	45	5	101	65
27	22	11	25	27	14
11	62	36	6	89	56
4	131	87	9	74	45
6	93	60	9	74	45
2	199	128	4	123	82
16	40	22	18	41	24
32	11	4	32	18	8
11	62	36	22	33	18
14	47	29	4	123	82
5	112	74	3	149	98
14	47	29	13	52	30
2	199	128	4	123	82

Faculty Awards

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 Faculty Awards	2002 National Rank	2002 Control Rank	2001 Faculty Awards	2001 National Rank	2001 Control Rank
Public	University of Maine - Orono	5	103	66	3	157	107
Public	University of Maryland - Baltimore	3	152	96	5	105	70
Public	University of Maryland - Baltimore County	2	198	123	3	157	107
Public	University of Maryland - College Park	19	28	15	21	31	17
Public	University of Massachusetts - Amherst	10	61	36	14	51	30
Public	University of Massachusetts Medical Sch - Worcester	7	80	50	8	79	51
Public	University of Medicine & Dentistry of New Jersey	7	80	50	6	95	62
Private	University of Miami	7	80	31	2	201	70
Public	University of Michigan - Ann Arbor	44	3	2	52	1	1
Public	University of Minnesota - Twin Cities	18	31	17	28	17	10
Public	University of Mississippi - Oxford	3	152	96	0	545	306
Public	University of Missouri - Columbia	13	49	26	10	70	43
Public	University of Nebraska - Lincoln	6	89	56	6	95	62
Public	University of Nebraska Medical Center	2	198	123	3	157	107
Public	University of Nevada - Reno	6	89	56	6	95	62
Public	University of New Hampshire - Durham	3	152	96	7	86	55
Public	University of New Mexico - Albuquerque	7	80	50	6	95	62
Public	University of North Carolina - Chapel Hill	24	19	9	30	14	8
Private	University of Notre Dame	14	45	21	12	61	25
Public	University of Oklahoma - Norman	2	198	123	10	70	43
Public	University of Oklahoma Health Sciences Center	2	198	123	2	201	132
Public	University of Oregon	8	77	47	12	61	37
Private	University of Pennsylvania	31	9	6	33	11	5
Public	University of Pittsburgh - Pittsburgh	15	41	23	18	37	22
Public	University of Rhode Island	1	284	175	4	125	85
Private	University of Rochester	9	69	26	8	79	29
Public	University of South Carolina - Columbia	10	61	36	11	65	40
Public	University of South Florida	5	103	66	4	125	85
Private	University of Southern California	23	20	11	22	29	13
Public	University of Tennessee - Knoxville	5	103	66	5	105	70
Public	University of Tennessee Health Science Center	2	198	123	2	201	132
Public	University of Texas - Austin	20	25	13	23	27	15
Public	University of Texas Health Science Center - Houston	5	103	66	5	105	70
Public	University of Texas Health Science Ctr - San Antonio	9	69	44	8	79	51
Public	University of Texas MD Anderson Cancer Center	0	526	301	0	545	306
Public	University of Texas Medical Branch - Galveston	2	198	123	2	201	132
Public	University of Texas SW Medical Center - Dallas	12	56	33	18	37	22
Public	University of Utah	19	28	15	15	46	27
Public	University of Vermont	6	89	56	7	86	55
Public	University of Virginia	20	25	13	27	18	11
Public	University of Washington - Seattle	42	5	3	37	8	4
Public	University of Wisconsin - Madison	52	2	1	34	9	5
Public	University of Wyoming	4	124	79	4	125	85
Public	US Naval Postgraduate School	0	526	301	0	545	306
Public	Utah State University	3	152	96	5	105	70
Private	Vanderbilt University	15	41	19	15	46	20
Public	Virginia Commonwealth University	6	89	56	7	86	55
Public	Virginia Polytechnic Institute and State University	10	61	36	5	105	70
Private	Wake Forest University	4	124	46	4	125	41
Public	Washington State University - Pullman	6	89	56	7	86	55
Private	Washington University	31	9	6	26	21	10
Public	Wayne State University	5	103	66	4	125	85
Public	West Virginia University	0	526	301	4	125	85
Private	Woods Hole Oceanographic Institution	2	198	76	1	286	111
Private	Yale University	28	12	9	27	18	8
Private	Yeshiva University	6	89	34	5	105	36

2000 Faculty Awards	2000 National Rank	2000 Control Rank	1999 Faculty Awards	1999 National Rank	1999 Control Rank
5	112	74	3	149	98
5	112	74	11	60	34
6	93	60	5	101	65
12	58	34	11	60	34
13	53	32	10	66	40
9	74	45	7	82	51
6	93	60	5	101	65
3	159	56	7	82	32
32	11	4	45	7	3
30	16	7	28	19	9
2	199	128	0	505	286
9	74	45	13	52	30
5	112	74	7	82	51
3	159	104	1	277	163
4	131	87	3	149	98
6	93	60	4	123	82
6	93	60	6	89	56
29	18	8	26	24	12
13	53	22	12	57	25
2	199	128	10	66	40
4	131	87	3	149	98
5	112	74	11	60	34
42	5	3	50	6	4
11	62	36	20	36	21
3	159	104	2	188	119
12	58	25	6	89	34
10	70	43	5	101	65
8	81	51	8	80	50
19	29	16	16	46	20
6	93	60	1	277	163
1	284	183	0	505	286
28	20	10	26	24	12
4	131	87	5	101	65
7	86	54	7	82	51
2	199	128	1	277	163
1	284	183	1	277	163
19	29	14	28	19	9
19	29	14	18	41	24
7	86	54	5	101	65
25	25	12	21	35	20
37	7	3	42	9	4
25	25	12	36	15	6
3	159	104	2	188	119
0	520	307	0	505	286
0	520	307	0	505	286
18	36	17	20	36	16
4	131	87	9	74	45
7	86	54	5	101	65
2	199	72	4	123	42
9	74	45	5	101	65
30	16	10	34	17	10
6	93	60	11	60	34
2	199	128	5	101	65
0	520	214	1	277	115
27	22	12	61	3	3
5	112	39	8	80	31

Doctorates Awarded							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank
Public	Arizona State University - Tempe	313	39	27	277	44	30
Public	Auburn University	143	95	65	153	91	64
Private	Baylor College of Medicine	41	227	93	51	196	76
Private	Boston College	120	111	36	109	116	39
Private	Boston University	246	52	15	304	39	14
Private	Brandeis University	102	130	46	104	122	44
Private	Brown University	148	92	29	135	98	29
Private	California Institute of Technology	139	98	31	159	84	27
Private	Carnegie Mellon University	176	77	24	169	78	24
Private	Case Western Reserve University	175	78	25	201	67	17
Private	Charles R. Drew University of Medicine and Science	0	543	306	0	547	308
Public	Clemson University	116	112	76	110	115	77
Public	Colorado State University	148	92	64	157	88	61
Private	Columbia University	452	17	6	465	19	7
Private	Cornell University	412	22	8	470	18	6
Private	Dartmouth College	40	233	97	50	199	78
Public	Desert Research Institute	NR			NR		
Private	Drexel University	86	138	50	51	196	76
Private	Duke University	246	52	15	259	49	16
Private	Emory University	178	75	23	167	80	26
Public	Florida A&M University	9	402	204	16	328	176
Public	Florida International University	52	205	124	69	164	104
Public	Florida State University	248	51	37	252	52	36
Public	George Mason University	129	102	70	138	97	69
Private	George Washington University	223	58	18	192	71	20
Private	Georgetown University	81	145	53	71	160	58
Public	Georgia Institute of Technology	257	48	34	255	51	35
Private	Harvard University	543	12	3	520	13	3
Private	Howard University	102	130	46	96	130	46
Public	Indiana University - Bloomington	347	32	21	404	23	16
Public	Indiana University-Purdue University - Indianapolis	29	273	159	38	229	136
Public	Iowa State University	239	54	38	232	61	45
Public	Jackson State University	26	287	163	17	323	173
Private	Johns Hopkins University	373	27	10	384	26	8
Public	Kansas State University	152	90	62	145	94	67
Private	Loma Linda University	66	169	65	38	229	94
Public	Louisiana State University - Baton Rouge	222	59	41	264	47	32
Public	Louisiana State University Health Sciences Center	32	264	155	29	260	151
Private	Loyola University Chicago	206	65	19	118	110	35
Private	Massachusetts Institute of Technology	501	15	4	492	16	5
Private	MCP Hahnemann University	NR			24	284	124
Public	Medical College of Georgia	16	344	183	13	350	185
Private	Medical College of Wisconsin	17	339	159	16	328	153
Public	Medical University of South Carolina	39	238	138	32	251	144
Public	Michigan State University	428	20	14	414	22	15
Public	Mississippi State University	96	133	85	99	128	83
Public	Montana State University - Bozeman	36	250	144	30	257	149
Private	Mount Sinai School of Medicine	35	253	107	21	297	131
Public	New Mexico State University - Las Cruces	77	151	96	79	149	96
Private	New York University	415	21	7	368	29	11
Public	North Carolina State University	300	41	28	306	38	25
Private	Northeastern University	60	183	72	77	151	55
Private	Northwestern University	349	31	11	350	33	12
Public	Ohio State University - Columbus	617	4	4	620	6	6
Public	Oklahoma State University - Stillwater	188	71	51	236	57	41
Public	Oregon Health & Science University	34	259	150	21	297	167
Public	Oregon State University	156	88	60	161	83	57
Public	Pennsylvania State University - Hershey Medical Ctr	20	319	172	10	381	192

2000 — Doctorates	2000 — National Rank	2000 — Control Rank	1998 — Doctorates	1998 — National Rank	1998 — Control Rank
286	42	29	287	48	34
186	75	53	192	79	55
61	176	62	49	203	74
116	115	40	96	128	44
274	49	15	307	42	14
111	122	43	95	129	45
149	93	29	174	83	26
127	103	32	195	77	23
152	91	28	203	74	22
202	69	19	187	80	25
0	529	290	0	526	290
116	115	76	101	123	83
180	79	56	214	69	49
461	20	7	469	20	7
468	18	6	505	16	6
38	222	85	44	212	77
NR			NR		
33	238	98	52	197	73
230	63	17	238	63	17
160	85	27	144	97	28
8	387	200	1	502	228
58	179	116	73	156	101
263	51	36	305	43	29
132	98	67	87	141	92
236	61	16	193	78	24
107	126	45	79	147	52
230	63	47	263	56	42
602	8	1	803	2	1
121	110	38	95	129	45
409	25	17	361	33	21
43	214	133	36	229	143
238	59	44	300	45	31
15	328	179	29	253	152
351	32	11	360	34	13
132	98	67	162	90	63
42	218	83	19	297	131
275	47	33	258	59	43
33	238	141	26	268	155
163	84	26	133	104	31
475	17	5	520	14	4
28	263	110	38	219	82
13	342	184	22	282	162
11	356	166	17	309	138
25	275	158	17	309	172
444	22	15	451	22	15
128	102	71	104	119	81
32	246	146	52	197	125
27	267	113	0	526	290
76	153	99	95	129	85
402	27	9	446	23	8
316	37	24	322	39	26
76	153	55	87	141	50
321	35	13	377	29	10
620	5	5	636	8	7
185	76	54	177	82	57
38	222	138	27	263	154
158	87	60	187	80	56
22	289	163	15	324	176

Doctorates Awarded							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank
Public	Pennsylvania State University - University Park	519	13	10	526	11	10
Private	Princeton University	230	56	17	268	45	15
Public	Purdue University - West Lafayette	409	23	15	464	20	13
Private	Rensselaer Polytechnic Institute	115	116	39	100	125	45
Private	Rice University	106	127	44	126	103	31
Private	Rockefeller University	30	269	113	15	337	157
Private	Rush University	32	264	110	38	229	94
Public	Rutgers the State University of NJ - New Brunswick	363	29	19	392	25	18
Private	Saint Louis University - St. Louis	110	123	42	144	95	28
Public	San Diego State University	36	250	144	27	271	156
Private	Stanford University	548	11	2	573	9	1
Public	State Univ. of New York Health Science Ctr - Brooklyn	10	391	200	14	342	182
Public	Stony Brook University	361	30	20	331	62	46
Private	Syracuse University	129	102	33	121	106	34
Public	Temple University	226	57	40	238	56	40
Public	Texas A&M University	504	14	11	509	15	11
Private	Thomas Jefferson University	5	451	237	11	365	176
Private	Tufts University	96	133	49	88	144	50
Private	Tulane University	136	101	32	125	104	32
Public	University at Albany	159	85	57	129	102	72
Public	University at Buffalo	231	55	39	294	40	26
Public	University of Alabama - Birmingham	125	108	74	121	106	73
Public	University of Alabama - Huntsville	34	259	150	30	257	149
Public	University of Alabama - Tuscaloosa	157	87	59	166	81	55
Public	University of Alaska - Fairbanks	19	326	176	27	271	156
Public	University of Arizona	370	28	18	359	31	20
Public	University of Arkansas - Fayetteville	106	127	84	90	139	92
Public	University of Arkansas for Medical Sciences	16	344	183	21	297	167
Public	University of California - Berkeley	805	1	1	759	1	1
Public	University of California - Davis	346	33	22	337	34	22
Public	University of California - Irvine	175	78	54	187	75	53
Public	University of California - Los Angeles	593	8	8	612	7	7
Public	University of California - Riverside	116	112	76	94	132	86
Public	University of California - San Diego	278	44	30	285	42	28
Public	University of California - San Francisco	84	141	90	93	135	88
Public	University of California - Santa Barbara	199	68	49	258	50	34
Public	University of California - Santa Cruz	93	135	86	104	122	79
Public	University of Central Florida	123	109	75	89	143	94
Private	University of Chicago	333	35	12	371	28	10
Public	University of Cincinnati - Cincinnati	214	63	45	248	54	38
Public	University of Colorado - Boulder	258	47	33	292	41	27
Public	University of Colorado Health Sciences Center	41	227	135	40	224	134
Public	University of Connecticut - Health Center	0	543	238	0	547	240
Public	University of Connecticut - Storrs	221	60	42	234	60	44
Private	University of Dayton	41	227	93	28	266	113
Public	University of Delaware	137	99	68	162	82	56
Public	University of Florida	607	6	6	574	8	8
Public	University of Georgia	393	24	16	351	32	21
Public	University of Hawaii - Manoa	110	123	82	154	90	63
Public	University of Houston - University Park	183	73	52	209	66	50
Public	University of Idaho	58	191	115	64	180	113
Public	University of Illinois - Chicago	177	76	53	195	69	51
Public	University of Illinois - Urbana-Champaign	602	7	7	667	3	3
Public	University of Iowa	320	38	26	334	35	23
Public	University of Kansas - Lawrence	204	66	47	231	62	46
Public	University of Kansas Medical Center	20	319	172	17	323	173
Public	University of Kentucky	216	62	44	219	65	49
Public	University of Louisville	90	136	87	65	179	112

2000 — Doctorates	2000 — National Rank	2000 — Control Rank	1998 — Doctorates	1998 — National Rank	1998 — Control Rank
513	13	10	571	11	9
279	45	14	263	56	15
468	18	13	496	17	11
93	133	49	125	109	34
115	117	41	114	117	38
19	302	133	24	275	117
44	211	81	54	189	67
371	29	19	402	26	17
123	107	35	134	103	30
32	246	146	68	165	107
589	10	2	606	10	2
14	331	181	13	336	181
244	58	43	265	54	40
147	94	30	166	87	27
263	51	36	285	49	35
490	14	11	525	13	10
16	322	144	19	297	131
100	130	47	82	144	51
126	104	33	128	107	33
155	89	62	168	85	59
303	40	27	295	47	33
125	106	72	142	98	70
29	257	152	41	214	136
150	92	64	150	96	69
20	297	166	68	165	107
405	26	18	411	25	16
86	139	90	121	112	77
22	289	163	13	336	181
756	1	1	756	4	3
357	30	20	337	36	23
202	69	51	197	76	54
606	6	6	607	9	8
115	117	77	123	110	76
294	41	28	310	40	27
77	152	98	91	134	87
232	62	46	264	55	41
90	135	86	90	136	89
66	167	108	69	164	106
391	28	10	368	31	11
238	59	44	274	53	39
266	50	35	309	41	28
44	211	131	61	176	115
0	529	240	0	526	237
275	47	33	253	61	45
31	250	102	27	263	110
164	83	58	142	98	70
516	12	9	456	21	14
352	31	21	369	30	20
153	90	63	161	91	64
204	68	50	205	72	51
79	147	95	71	160	103
201	71	52	222	66	48
597	9	8	706	6	5
317	36	23	327	38	25
246	56	41	278	51	37
12	348	186	11	348	186
249	55	40	232	64	47
76	153	99	76	149	97

Doctorates Awarded

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002	2002	2002	2001	2001	2001
		Doctorates	National Rank	Control Rank	Doctorates	National Rank	Control Rank
Public	University of Maine - Orono	39	238	138	41	222	133
Public	University of Maryland - Baltimore	81	145	93	72	158	102
Public	University of Maryland - Baltimore County	53	202	121	50	199	122
Public	University of Maryland - College Park	430	19	13	430	21	14
Public	University of Massachusetts - Amherst	287	43	29	261	48	33
Public	University of Massachusetts Medical Sch - Worcester	14	356	187	22	294	166
Public	University of Medicine & Dentistry of New Jersey	66	169	105	69	164	104
Private	University of Miami	116	112	37	109	116	39
Public	University of Michigan - Ann Arbor	610	5	5	567	10	9
Public	University of Minnesota - Twin Cities	560	9	9	632	5	5
Public	University of Mississippi - Oxford	84	141	90	92	137	90
Public	University of Missouri - Columbia	252	50	36	278	43	29
Public	University of Nebraska - Lincoln	213	64	46	235	58	42
Public	University of Nebraska Medical Center	27	281	160	23	289	163
Public	University of Nevada - Reno	72	160	100	60	184	115
Public	University of New Hampshire - Durham	55	196	117	43	214	127
Public	University of New Mexico - Albuquerque	189	70	50	174	77	54
Public	University of North Carolina - Chapel Hill	390	25	17	398	24	17
Private	University of Notre Dame	116	112	37	132	100	30
Public	University of Oklahoma - Norman	158	86	58	158	86	59
Public	University of Oklahoma Health Sciences Center	17	339	181	18	318	172
Public	University of Oregon	137	99	68	156	89	62
Private	University of Pennsylvania	380	26	9	373	27	9
Public	University of Pittsburgh - Pittsburgh	336	34	23	360	30	19
Public	University of Rhode Island	77	151	96	95	131	85
Private	University of Rochester	185	72	21	196	68	18
Public	University of South Carolina - Columbia	253	49	35	235	58	42
Public	University of South Florida	165	83	55	158	86	59
Private	University of Southern California	496	16	5	522	12	2
Public	University of Tennessee - Knoxville	276	45	31	239	55	39
Public	University of Tennessee Health Science Center	NR			35	237	139
Public	University of Texas - Austin	639	3	3	733	2	2
Public	University of Texas Health Science Center - Houston	82	144	92	75	156	100
Public	University of Texas Health Science Ctr - San Antonio	34	259	150	36	235	138
Public	University of Texas MD Anderson Cancer Center	0	543	238	NR		
Public	University of Texas Medical Branch - Galveston	40	233	137	29	260	151
Public	University of Texas SW Medical Center - Dallas	48	213	128	42	215	128
Public	University of Utah	218	61	43	192	71	52
Public	University of Vermont	54	201	120	60	184	115
Public	University of Virginia	321	37	25	316	36	24
Public	University of Washington - Seattle	452	17	12	486	17	12
Public	University of Wisconsin - Madison	650	2	2	661	4	4
Public	University of Wyoming	55	196	117	70	162	103
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	69	165	104	66	174	108
Private	Vanderbilt University	190	69	20	192	71	20
Public	Virginia Commonwealth University	108	126	83	104	122	79
Public	Virginia Polytechnic Institute and State University	326	36	24	268	45	31
Private	Wake Forest University	24	299	132	25	282	122
Public	Washington State University - Pullman	161	84	56	149	92	65
Private	Washington University	173	81	27	175	76	23
Public	Wayne State University	202	67	48	230	64	48
Public	West Virginia University	142	96	66	130	101	71
Private	Woods Hole Oceanographic Institution	NR			NR		
Private	Yale University	310	40	13	313	37	13
Private	Yeshiva University	109	125	43	115	112	37

2000 — Doctorates	2000 — National Rank	2000 — Control Rank	1998 — Doctorates	1998 — National Rank	1998 — Control Rank
49	203	126	49	203	130
73	158	102	71	160	103
46	206	128	54	189	123
461	20	14	474	19	13
276	46	32	299	46	32
20	297	166	24	275	159
69	165	107	77	148	96
176	80	24	136	102	29
629	4	4	690	7	6
604	7	7	729	5	4
80	146	94	91	134	87
256	53	38	277	52	38
251	54	39	282	50	36
33	238	141	23	279	161
84	141	92	72	158	102
49	203	126	74	155	100
184	77	55	199	75	53
425	24	16	382	27	18
147	94	30	118	113	36
167	82	57	165	88	61
17	312	176	17	309	172
138	97	66	160	93	66
427	23	8	436	24	9
316	37	24	380	28	19
84	141	92	71	160	103
211	67	18	220	67	19
246	56	41	243	62	46
131	101	70	155	94	67
481	16	4	515	15	5
286	42	29	254	60	44
29	257	152	20	292	165
659	3	3	836	1	1
87	138	89	66	168	110
24	282	161	25	271	157
NR			NR		
35	235	140	30	249	150
55	189	119	65	170	112
215	66	49	205	72	51
58	179	116	59	179	118
343	33	22	302	44	30
486	15	12	479	18	12
729	2	2	757	3	2
73	158	102	64	172	113
NR			NR		
71	162	105	90	136	89
190	74	22	217	68	20
112	121	79	117	115	78
309	39	26	349	35	22
28	263	110	32	242	95
118	114	75	170	84	58
199	72	20	212	70	21
222	65	48	208	71	50
132	98	67	154	95	68
NR			NR		
334	34	12	365	32	12
126	104	33	100	124	41

Postdoctoral Appointees							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2001 Postdocs	2001 National Rank	2001 Control Rank	2000 Postdocs	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	81	108	72	60	131	90
Public	Auburn University	34	156	109	36	155	108
Private	Baylor College of Medicine	506	24	13	430	28	14
Private	Boston College	37	152	47	38	151	47
Private	Boston University	87	105	36	129	87	29
Private	Brandeis University	91	104	35	97	105	35
Private	Brown University	106	99	32	81	114	37
Private	California Institute of Technology	529	22	12	495	23	12
Private	Carnegie Mellon University	140	80	28	130	86	28
Private	Case Western Reserve University	281	47	23	365	34	18
Private	Charles R. Drew University of Medicine and Science	0	271	91	0	281	89
Public	Clemson University	37	152	106	35	157	110
Public	Colorado State University	218	63	37	144	78	52
Private	Columbia University	315	41	21	352	37	20
Private	Cornell University	689	11	7	610	16	9
Private	Dartmouth College	98	102	34	107	94	32
Public	Desert Research Institute	NR			NR		
Private	Drexel University	52	135	43	70	121	40
Private	Duke University	635	14	9	646	14	8
Private	Emory University	415	30	15	373	33	17
Public	Florida A&M University	0	271	181	0	281	193
Public	Florida International University	31	163	113	31	166	114
Public	Florida State University	116	94	64	102	98	65
Public	George Mason University	1	263	177	5	241	167
Private	George Washington University	55	132	42	35	157	48
Private	Georgetown University	76	110	37	59	132	42
Public	Georgia Institute of Technology	64	120	81	98	103	70
Private	Harvard University	3,597	1	1	3,491	1	1
Private	Howard University	14	206	65	7	229	72
Public	Indiana University - Bloomington	144	77	51	167	71	46
Public	Indiana University-Purdue University - Indianapolis	212	65	39	256	51	27
Public	Iowa State University	180	70	44	180	67	42
Public	Jackson State University	8	228	157	8	226	155
Private	Johns Hopkins University	1,159	3	3	1,029	4	4
Public	Kansas State University	122	88	60	100	101	68
Private	Loma Linda University	41	143	44	35	157	48
Public	Louisiana State University - Baton Rouge	84	106	70	88	110	74
Public	Louisiana State University Health Sciences Center	56	131	90	78	116	79
Private	Loyola University Chicago	74	113	38	76	117	38
Private	Massachusetts Institute of Technology	828	10	6	794	10	6
Private	MCP Hahnemann University	NR			98	103	34
Public	Medical College of Georgia	84	106	70	88	110	74
Private	Medical College of Wisconsin	121	89	29	111	93	31
Public	Medical University of South Carolina	216	64	38	165	72	47
Public	Michigan State University	289	44	23	284	46	22
Public	Mississippi State University	28	173	121	28	173	120
Public	Montana State University - Bozeman	79	109	73	70	121	82
Private	Mount Sinai School of Medicine	0	271	91	0	281	89
Public	New Mexico State University - Las Cruces	0	271	181	NR		
Private	New York University	284	45	22	313	41	23
Public	North Carolina State University	75	112	75	118	92	62
Private	Northeastern University	32	159	50	35	157	48
Private	Northwestern University	251	55	25	135	81	27
Public	Ohio State University - Columbus	283	46	24	288	44	20
Public	Oklahoma State University - Stillwater	43	141	98	42	145	100
Public	Oregon Health & Science University	160	75	49	142	79	53
Public	Oregon State University	107	97	67	107	94	63
Public	Pennsylvania State University - Hershey Medical Ctr	49	138	95	51	139	96

1999 Postdocs	1999 National Rank	1999 Control Rank	1998 Postdocs	1998 National Rank	1998 Control Rank
75	112	75	88	103	69
33	158	108	34	155	104
394	25	13	406	21	11
36	151	47	30	160	52
183	70	28	98	99	33
100	99	34	79	107	36
187	67	27	155	78	28
497	18	10	471	18	9
144	79	29	150	80	29
349	28	15	318	31	17
0	283	92	0	289	95
17	193	129	18	186	128
255	48	27	237	53	30
352	27	14	379	26	13
607	11	5	554	14	7
115	90	32	73	112	37
NR			NR		
65	121	39	30	160	52
571	13	7	609	12	6
200	66	26	201	66	26
0	283	192	0	289	195
0	283	192	13	207	143
99	101	67	115	93	62
7	230	155	16	194	133
50	137	43	37	146	46
70	118	38	80	106	35
0	283	192	0	289	195
3,291	1	1	3,417	1	1
33	158	51	40	141	44
143	80	51	175	71	44
255	48	27	232	57	34
179	71	43	185	70	43
0	283	192	4	247	169
1,239	3	3	1,006	4	3
88	106	69	74	111	75
63	124	41	39	143	45
72	116	79	66	118	81
74	113	76	75	110	74
58	127	42	55	127	40
498	17	9	456	20	10
108	94	33	108	94	32
72	116	79	70	117	80
94	104	37	36	150	47
185	69	42	159	77	50
258	47	26	234	56	33
24	177	117	21	172	117
74	113	76	72	115	78
0	283	92	0	289	95
18	191	128	23	170	115
293	36	19	329	29	15
203	64	39	145	81	52
26	170	56	35	153	50
249	50	22	258	47	22
264	44	23	218	60	36
35	154	106	43	136	93
84	109	72	76	108	72
85	108	71	57	124	87
51	136	94	37	146	101

Postdoctoral Appointees

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Postdocs	2001 National Rank	2001 Control Rank	2000 Postdocs	2000 National Rank	2000 Control Rank
Public	Pennsylvania State University - University Park	258	53	29	261	50	26
Private	Princeton University	339	36	18	320	39	21
Public	Purdue University - West Lafayette	247	57	32	243	54	30
Private	Rensselaer Polytechnic Institute	64	120	40	72	120	39
Private	Rice University	107	97	31	123	91	30
Private	Rockefeller University	324	38	19	231	58	25
Private	Rush University	59	128	41	44	141	44
Public	Rutgers the State University of NJ - New Brunswick	123	87	59	153	77	51
Private	Saint Louis University - St. Louis	29	171	52	56	133	43
Public	San Diego State University	1	263	177	1	268	184
Private	Stanford University	1,210	2	2	1,196	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	0	271	181	0	229	158
Public	Stony Brook University	394	32	16	394	31	16
Private	Syracuse University	27	175	53	28	173	54
Public	Temple University	51	136	93	65	127	86
Public	Texas A&M University	232	60	34	241	55	31
Private	Thomas Jefferson University	235	58	26	383	32	16
Private	Tufts University	428	28	14	435	27	13
Private	Tulane University	67	117	39	70	121	40
Public	University at Albany	10	221	151	NR		
Public	University at Buffalo	317	40	20	232	57	33
Public	University of Alabama - Birmingham	312	42	21	295	42	19
Public	University of Alabama - Huntsville	0	271	181	0	281	193
Public	University of Alabama - Tuscaloosa	30	168	118	38	151	105
Public	University of Alaska - Fairbanks	0	271	181	NR		
Public	University of Arizona	420	29	15	471	24	12
Public	University of Arkansas - Fayetteville	57	130	89	43	143	99
Public	University of Arkansas for Medical Sciences	31	163	113	35	157	110
Public	University of California - Berkeley	896	8	3	933	7	3
Public	University of California - Davis	585	18	9	449	26	14
Public	University of California - Irvine	295	43	22	364	35	17
Public	University of California - Los Angeles	847	9	4	876	9	4
Public	University of California - Riverside	224	61	35	190	66	41
Public	University of California - San Diego	949	6	1	998	6	2
Public	University of California - San Francisco	430	27	14	543	20	10
Public	University of California - Santa Barbara	176	71	45	176	69	44
Public	University of California - Santa Cruz	172	73	47	163	74	49
Public	University of Central Florida	0	271	181	0	281	193
Private	University of Chicago	361	35	17	355	36	19
Public	University of Cincinnati - Cincinnati	173	72	46	220	60	35
Public	University of Colorado - Boulder	678	12	5	744	11	5
Public	University of Colorado Health Sciences Center	272	48	25	233	56	32
Public	University of Connecticut - Health Center	121	89	61	135	81	55
Public	University of Connecticut - Storrs	120	91	62	93	107	72
Private	University of Dayton	NR	271	91	1	268	85
Public	University of Delaware	131	85	57	135	81	55
Public	University of Florida	510	23	11	288	44	20
Public	University of Georgia	187	68	42	205	64	39
Public	University of Hawaii - Manoa	69	116	78	52	137	94
Public	University of Houston - University Park	61	126	86	65	127	86
Public	University of Idaho	31	163	113	25	178	123
Public	University of Illinois - Chicago	265	49	26	283	47	23
Public	University of Illinois - Urbana-Champaign	261	51	27	265	49	25
Public	University of Iowa	370	33	17	352	37	18
Public	University of Kansas - Lawrence	140	80	53	101	99	66
Public	University of Kansas Medical Center	54	133	91	54	135	92
Public	University of Kentucky	250	56	31	224	59	34
Public	University of Louisville	101	101	68	107	94	63

1999 Postdocs	1999 National Rank	1999 Control Rank	1998 Postdocs	1998 National Rank	1998 Control Rank
246	52	29	212	62	38
315	33	17	319	30	16
228	58	34	231	58	35
46	141	44	56	125	38
118	89	31	127	87	30
275	40	20	225	59	24
25	172	58	36	150	47
151	78	50	171	72	45
38	147	45	45	135	43
0	283	192	4	247	169
1,242	2	2	1,089	3	2
47	140	97	37	146	101
400	23	12	345	28	14
38	147	45	35	153	50
113	91	59	122	90	59
267	43	22	293	37	20
247	51	23	274	45	21
243	56	24	257	48	23
64	122	40	56	125	38
15	201	135	13	207	143
246	52	29	236	55	32
280	38	19	310	34	17
0	283	192	0	289	195
54	133	91	31	158	107
7	230	155	14	204	140
451	19	9	478	17	9
67	120	82	61	119	82
42	145	101	48	132	92
933	7	4	945	7	4
204	63	38	292	38	21
324	32	16	302	35	18
851	9	5	813	9	5
179	71	43	164	75	48
968	6	3	982	5	2
1,117	4	1	1,165	2	1
158	76	48	166	74	47
120	88	58	207	64	40
0	283	192	0	289	195
348	29	16	281	43	20
224	59	35	218	60	36
274	41	21	287	40	22
285	37	18	314	32	15
139	83	54	137	83	54
59	126	85	18	186	128
2	258	84	2	265	85
129	87	57	123	89	58
344	30	14	312	33	16
179	71	43	201	66	41
55	132	90	120	91	60
64	122	83	59	121	84
31	162	110	31	158	107
264	44	23	239	51	28
246	52	29	255	49	26
279	39	20	274	45	25
130	86	56	130	86	57
50	137	95	58	123	86
186	68	41	212	62	38
83	110	73	59	121	84

Postdoctoral Appointees

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Postdocs	2001 National Rank	2001 Control Rank	2000 Postdocs	2000 National Rank	2000 Control Rank
Public	University of Maine - Orono	40	144	100	26	177	122
Public	University of Maryland - Baltimore	181	69	43	165	72	47
Public	University of Maryland - Baltimore County	38	147	103	38	151	105
Public	University of Maryland - College Park	224	61	35	255	52	28
Public	University of Massachusetts - Amherst	134	83	55	131	85	58
Public	University of Massachusetts Medical Sch - Worcester	256	54	30	247	53	29
Public	University of Medicine & Dentistry of New Jersey	155	76	50	127	89	60
Private	University of Miami	141	79	27	154	76	26
Public	University of Michigan - Ann Arbor	624	15	6	683	12	6
Public	University of Minnesota - Twin Cities	615	16	7	626	15	7
Public	University of Mississippi - Oxford	40	144	100	19	192	133
Public	University of Missouri - Columbia	142	78	52	179	68	43
Public	University of Nebraska - Lincoln	76	110	74	133	84	57
Public	University of Nebraska Medical Center	63	122	82	70	121	82
Public	University of Nevada - Reno	0	271	181	0	281	193
Public	University of New Hampshire - Durham	24	181	126	24	183	125
Public	University of New Mexico - Albuquerque	51	136	93	84	113	77
Public	University of North Carolina - Chapel Hill	594	17	8	578	18	8
Private	University of Notre Dame	120	91	30	90	108	36
Public	University of Oklahoma - Norman	48	139	96	70	121	82
Public	University of Oklahoma Health Sciences Center	61	126	86	54	135	92
Public	University of Oregon	63	122	82	65	127	86
Private	University of Pennsylvania	950	5	5	928	8	5
Public	University of Pittsburgh - Pittsburgh	554	19	10	560	19	9
Public	University of Rhode Island	29	171	120	61	130	89
Private	University of Rochester	263	50	24	291	43	24
Public	University of South Carolina - Columbia	133	84	56	169	70	45
Public	University of South Florida	71	115	77	56	133	91
Private	University of Southern California	549	21	11	515	22	11
Public	University of Tennessee - Knoxville	120	91	62	101	99	66
Public	University of Tennessee Health Science Center	136	82	54	99	102	69
Public	University of Texas - Austin	207	66	40	213	62	37
Public	University of Texas Health Science Center - Houston	58	129	88	201	65	40
Public	University of Texas Health Science Ctr - San Antonio	113	95	65	89	109	73
Public	University of Texas MD Anderson Cancer Center	330	37	19	208	63	38
Public	University of Texas Medical Branch - Galveston	235	58	33	215	61	36
Public	University of Texas SW Medical Center - Dallas	464	26	13	543	20	10
Public	University of Utah	260	52	28	277	48	24
Public	University of Vermont	92	103	69	97	105	71
Public	University of Virginia	366	34	18	402	29	15
Public	University of Washington - Seattle	938	7	2	1,011	5	1
Public	University of Wisconsin - Madison	467	25	12	471	24	12
Public	University of Wyoming	43	141	98	74	119	81
Public	US Naval Postgraduate School	0	271	181	0	281	193
Public	Utah State University	30	168	118	29	171	118
Private	Vanderbilt University	408	31	16	397	30	15
Public	Virginia Commonwealth University	126	86	58	139	80	54
Public	Virginia Polytechnic Institute and State University	111	96	66	126	90	61
Private	Wake Forest University	103	100	33	104	97	33
Public	Washington State University - Pullman	161	74	48	157	75	50
Private	Washington University	639	13	8	667	13	7
Public	Wayne State University	191	67	41	128	88	59
Public	West Virginia University	32	159	110	45	140	97
Private	Woods Hole Oceanographic Institution	26	176	54	21	187	59
Private	Yale University	551	20	10	597	17	10
Private	Yeshiva University	1,117	4	4	1,122	3	3

1999 Postdocs	1999 National Rank	1999 Control Rank	1998 Postdocs	1998 National Rank	1998 Control Rank
24	177	117	29	162	109
140	82	53	137	83	54
45	142	98	43	136	93
220	60	36	237	53	30
143	80	51	135	85	56
214	61	37	199	68	42
112	92	60	92	101	68
138	84	30	186	69	27
736	10	6	653	10	6
518	16	8	532	15	8
22	182	122	19	184	127
152	77	49	138	82	53
110	93	61	106	95	63
53	134	92	51	130	90
0	283	192	0	289	195
14	204	138	13	207	143
92	105	68	76	108	72
568	14	7	559	13	7
96	102	35	89	102	34
68	119	81	73	112	76
57	128	86	81	105	71
106	97	64	106	95	63
917	8	4	904	8	4
432	21	11	393	25	13
39	146	102	20	177	121
268	42	21	287	40	19
82	111	74	71	116	79
62	125	84	54	128	88
558	15	8	479	16	8
107	96	63	97	100	67
56	130	88	43	136	93
246	52	29	246	50	27
170	74	46	164	75	48
102	98	65	120	91	60
392	26	13	399	23	12
263	46	25	285	42	23
229	57	33	400	22	11
295	35	17	296	36	19
74	113	76	73	112	76
339	31	15	281	43	24
1,057	5	2	953	6	3
440	20	10	465	19	10
52	135	93	53	129	89
0	283	192	0	289	195
25	172	115	18	186	128
406	22	11	398	24	12
203	64	39	238	52	29
108	94	62	101	98	66
96	102	35	124	88	31
163	75	47	151	79	51
582	12	6	633	11	5
135	85	55	169	73	46
7	230	155	12	212	147
27	167	54	16	194	62
206	62	25	203	65	25
400	23	12	369	27	14

SAT Scores		2001 SAT Range (V; Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 Median SAT	2000 National Rank	2000 Control Rank
Public	Arizona State University - Tempe	490-600; 500-610	432	93	1090	450	111
Public	Auburn University	490-600; 510-610	419	92	1105	410	95
Private	Baylor College of Medicine	NA					
Private	Boston College	600-690; 620-700	66	62	1305	62	59
Private	Boston University	600-680; 610-690	71	65	1270	81	73
Private	Brandeis University	620-710; 620-720	44	43	1320	49	48
Private	Brown University	640-750; 650-740	21	21	1390	18	18
Private	California Institute of Technology	700-780; 760-800	1	1	1515	1	1
Private	Carnegie Mellon University	600-700; 680-770	25	25	1370	26	26
Private	Case Western Reserve University	600-710; 640-730	42	42	1345	38	38
Private	Charles R. Drew University of Medicine and Science	NA					
Public	Clemson University	530-630; 560-650	206	40	1180	195	37
Public	Colorado State University	500-600; 510-610	404	89	1110	386	90
Private	Columbia University	660-760; 660-750	13	13	1410	12	12
Private	Cornell University	620-720; 650-750	27	27	1365	28	28
Private	Dartmouth College	660-750; 670-760	11	11	1425	10	10
Public	Desert Research Institute	NA					
Private	Drexel University	510-610; 540-640	264	207	1140	286	226
Private	Duke University	650-740; 670-760	15	15	1400	16	16
Private	Emory University	640-720; 660-740	24	24	1380	22	22
Public	Florida A&M University	460-570; 450-560	786	232	995	875	278
Public	Florida International University	530-600; 520-600	352	72	1100	420	99
Public	Florida State University	530-630; 530-640	248	54	1160	236	50
Public	George Mason University	480-580; 490-590	545	134	1075	506	131
Private	George Washington University	570-660; 580-670	121	103	1235	118	100
Private	Georgetown University	640-730; 650-730	25	25	1365	28	28
Public	Georgia Institute of Technology	600-690; 650-730	44	2	1335	40	1
Private	Harvard University	700-790; 700-780	2	2	1485	3	3
Private	Howard University	440-670; 410-660	466	358	1090	450	340
Public	Indiana University - Bloomington	490-600; 490-610	448	101	1095	434	106
Public	Indiana University-Purdue University - Indianapolis	430-550; 430-540	1040	334	950	1069	369
Public	Iowa State University	510-660; 550-690	165	31	1210	147	23
Public	Jackson State University	16-20	1293	443			
Private	Johns Hopkins University	640-730; 680-760	18	18	1390	18	18
Public	Kansas State University	20-26	545	134	1050	604	165
Private	Loma Linda University	NA					
Public	Louisiana State University - Baton Rouge	21-26	466	109	1090	450	111
Public	Louisiana State University Health Sciences Center	NA					
Private	Loyola University Chicago	530-630; 520-630	276	218	1155	258	205
Private	Massachusetts Institute of Technology	680-760; 730-800	2	2	1485	3	3
Private	MCP Hahnemann University	NA					
Public	Medical College of Georgia	NA					
Private	Medical College of Wisconsin	NA					
Public	Medical University of South Carolina	NA					
Public	Michigan State University	490-610; 510-640	352	72	1115	370	83
Public	Mississippi State University	20-27	466	109	1140	286	61
Public	Montana State University - Bozeman	490-590; 500-610	448	101	1115	370	83
Private	Mount Sinai School of Medicine	NA					
Public	New Mexico State University - Las Cruces	18-23	1060	345	950	1069	369
Private	New York University	630-710; 600-710	51	49	1335	40	40
Public	North Carolina State University	530-630; 550-660	206	40	1185	186	34
Private	Northeastern University	520-620; 540-640	264	207	1125	334	262
Private	Northwestern University	640-730; 660-750	21	21	1380	22	22
Public	Ohio State University - Columbus	520-630; 540-660	227	47	1160	236	50
Public	Oklahoma State University - Stillwater	490-620; 500-630	374	79	1110	386	90
Public	Oregon Health & Science University	NA					
Public	Oregon State University	470-590; 480-610	530	131	1080	490	124
Public	Pennsylvania State University - Hershey Medical Ctr	NA					

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

1999 Median SAT	1999 National Rank	1999 Control Rank	1998 Median SAT	1998 National Rank	1998 Control Rank
1105	405	95	1105	389	91
1085	485	120	1140	280	56
NA			NA		
1285	70	65	1285	67	61
1270	77	70	1260	85	73
1320	48	48	1315	48	47
1390	16	16	1395	15	15
1515	1	1	1495	1	1
1365	24	24	1370	22	22
1330	44	44	1355	26	26
NA			NA		
1135	302	65	1135	303	61
1130	317	69	1115	361	81
1370	22	22	1370	22	22
1365	24	24	1355	26	26
1440	8	8	1435	8	8
NA			NA		
1160	224	178	1125	327	256
1400	13	13	1395	15	15
1340	36	36	1345	32	32
950	1071	365	NR		
1110	377	86	1100	409	94
1150	254	53	1140	280	56
1055	589	152	1040	663	177
1235	117	99	1220	124	104
1350	31	31	1355	26	26
1320	48	1	1310	52	2
1495	2	2	1485	2	2
1105	405	311	1080	490	371
1095	444	105	1130	317	67
945	1087	371	965	1012	329
1210	140	21	1210	137	22
870	1209	422	890	1177	403
1385	18	18	1385	19	19
1070	520	135	1090	444	103
NA			NA		
1090	460	111	1090	444	103
NA			NA		
1157	239	189	1150	252	199
1475	4	4	1480	3	3
NA			NA		
NA			NA		
NA			NA		
NA			NA		
1110	377	86	1110	372	84
1070	520	135	1110	372	84
1105	405	95	1090	444	103
NA			NA		
970	981	323	990	889	276
1325	47	47	1315	48	47
1175	198	42	1155	238	50
1125	332	258	1095	425	325
1370	22	22	1370	22	22
1140	283	60	1130	317	67
1130	317	69	1155	238	50
NA			NA		
1085	485	120	1085	476	115
NA			NA		

SAT Scores		2001 SAT Range (V; Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 Median SAT	2000 National Rank	2000 Control Rank
Public	Pennsylvania State University - University Park	530-630; 560-660	197	38	1185	186	34
Private	Princeton University	680-770; 700-790	4	4	1490	2	2
Public	Purdue University - West Lafayette	500-600; 520-650	326	67	1130	325	69
Private	Rensselaer Polytechnic Institute	580-680; 650-720	59	56	1275	79	71
Private	Rice University	650-750; 670-770	11	11	1410	12	12
Private	Rockefeller University	NA					
Private	Rush University	NA					
Public	Rutgers the State University of NJ - New Brunswick	520-630; 550-660	212	43	1180	195	37
Private	Saint Louis University - St. Louis	540-650; 550-660	177	144	1160	236	187
Public	San Diego State University	450-560; 470-580	726	207	1045	648	183
Private	Stanford University	670-770; 690-780	7	7	1460	7	7
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA					
Public	Stony Brook University	500-600; 540-650	300	62	1130	325	69
Private	Syracuse University	540-640; 570-660	165	135	1205	154	127
Public	Temple University	470-580; 460-570	692	191	1030	694	202
Public	Texas A&M University	520-630; 550-660	212	43	1180	195	37
Private	Thomas Jefferson University	NA					
Private	Tufts University	590-700; 620-710	64	60	1325	47	46
Private	Tulane University	630-710; 610-700	51	49	1235	118	100
Public	University at Albany	500-600; 520-610	390	86	1130	325	69
Public	University at Buffalo	500-600; 520-630	352	72	1115	370	83
Public	University of Alabama - Birmingham	19-25	726	207	1030	694	202
Public	University of Alabama - Huntsville	490-620; 500-630	374	79	1140	286	61
Public	University of Alabama - Tuscaloosa	490-610; 490-640	432	93	1100	420	99
Public	University of Alaska - Fairbanks	450-590; 440-580	726	207	1020	753	231
Public	University of Arizona	480-600; 490-620	448	101	1095	434	106
Public	University of Arkansas - Fayetteville	500-640; 510-640	300	62	1155	258	54
Public	University of Arkansas for Medical Sciences	NA					
Public	University of California - Berkeley	560-700; 610-740	66	5	1320	49	2
Public	University of California - Davis	500-620; 560-660	237	49	1175	210	43
Public	University of California - Irvine	520-610; 550-670	227	47	1145	277	58
Public	University of California - Los Angeles	560-680; 600-720	78	7	1285	72	7
Public	University of California - Riverside	450-570; 490-620	568	144	1060	561	148
Public	University of California - San Diego	560-660; 610-710	89	10	1180	195	37
Public	University of California - San Francisco	NA					
Public	University of California - Santa Barbara	530-630; 560-670	188	36	1185	186	34
Public	University of California - Santa Cruz	510-630; 520-630	300	62	1145	277	58
Public	University of Central Florida	510-600; 520-610	374	79	1140	286	61
Private	University of Chicago	650-750; 650-740	20	20	1385	21	21
Public	University of Cincinnati - Cincinnati	460-590; 460-610	586	152	1060	561	148
Public	University of Colorado - Boulder	540-640; 530-620	248	54	1155	258	54
Public	University of Colorado Health Sciences Center	NA					
Public	University of Connecticut - Health Center	NA					
Public	University of Connecticut - Storrs	510-610; 530-630	313	65	1140	286	61
Private	University of Dayton	520-630; 530-650	248	195	1140	286	226
Public	University of Delaware	530-610; 550-630	264	58	1150	267	56
Public	University of Florida	550-650; 570-670	135	21	1210	147	23
Public	University of Georgia	560-650; 560-650	149	27	1210	147	23
Public	University of Hawaii - Manoa	470-570; 510-610	515	127	1080	490	124
Public	University of Houston - University Park	450-560; 470-590	708	198	1035	683	195
Public	University of Idaho	480-610; 490-610	448	101	1105	410	95
Public	University of Illinois - Chicago	21-26	466	109	1070	521	137
Public	University of Illinois - Urbana-Champaign	550-670; 600-720	89	10	1245	108	15
Public	University of Iowa	530-650; 540-670	188	36	1175	210	43
Public	University of Kansas - Lawrence	22-28	313	65	1140	286	61
Public	University of Kansas Medical Center	NA					
Public	University of Kentucky	500-640; 510-630	352	72	1125	334	73
Public	University of Louisville	18-25	826	245	1010	793	244

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

1999 Median SAT	1999 National Rank	1999 Control Rank	1998 Median SAT	1998 National Rank	1998 Control Rank
1205	146	23	1205	144	25
1450	7	7	1465	4	4
1100	421	99	1100	409	94
1275	73	67	1265	81	70
1415	11	11	1420	10	10
NA			NA		
NA			NA		
1205	146	23	1205	144	25
1160	224	178	1160	222	178
1030	690	196	985	928	290
1455	6	6	1445	7	7
NA			NA		
1120	351	78	1110	372	84
1200	153	127	1185	179	144
1040	656	180	1015	766	221
1180	185	39	1170	206	42
NA			NA		
1340	36	36	1335	36	35
1290	68	63	1235	116	100
1110	377	86	1125	327	72
1110	377	86	1120	344	76
1010	796	241	1010	782	228
1150	254	53	1140	280	56
1095	444	105	1080	490	120
1040	656	180	NA		
1100	421	99	1100	409	94
1160	224	47	1160	222	45
NA			NA		
1315	52	3	1340	33	1
1170	204	43	1160	222	45
1145	267	57	1125	327	72
1285	70	6	1275	74	8
1055	589	152	1070	526	129
1180	185	39	1180	183	38
NA			NA		
1185	182	37	1165	213	43
1160	224	47	1135	303	61
1140	283	60	1120	344	76
1390	16	16	1355	26	26
1050	612	162	1050	607	153
1160	224	47	1155	238	50
NA			NA		
NA			NA		
1130	317	69	1120	344	76
1150	254	202	1145	267	214
1140	283	60	1135	303	61
1265	84	10	1245	100	14
1195	164	30	1190	171	34
1090	460	111	1100	409	94
1025	742	222	1030	684	186
1105	405	95	1105	389	91
1070	520	135	1050	607	153
1250	98	13	1230	120	19
1190	172	34	1175	197	40
1110	377	86	1110	372	84
NA			NA		
1125	332	75	1125	327	72
1010	796	241	1010	782	228

SAT Scores		2001 SAT Range (V; Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 Median SAT	2000 National Rank	2000 Control Rank
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)							
Public	University of Maine - Orono	490-590; 480-600	515	127	1075	506	131
Public	University of Maryland - Baltimore	NA					
Public	University of Maryland - Baltimore County	530-630; 560-660	197	38	1180	195	37
Public	University of Maryland - College Park	560-660; 590-690	110	16	1250	101	12
Public	University of Massachusetts - Amherst	500-610; 510-620	374	79	1125	334	73
Public	University of Massachusetts Medical Sch - Worcester	NA					
Public	University of Medicine & Dentistry of New Jersey	NA					
Private	University of Miami	540-640; 550-650	197	160	1175	210	168
Public	University of Michigan - Ann Arbor	570-670; 610-710	78	7	1280	74	8
Public	University of Minnesota - Twin Cities	530-650; 550-680	165	31	1203	161	28
Public	University of Mississippi - Oxford	20-26	545	134	1090	450	111
Public	University of Missouri - Columbia	24-29	177	34	1200	162	29
Public	University of Nebraska - Lincoln	500-640; 520-650	276	59	1145	277	58
Public	University of Nebraska Medical Center	NA					
Public	University of Nevada - Reno	460-580; 470-590	625	167	1050	604	165
Public	University of New Hampshire - Durham	500-600; 510-610	404	89	1120	355	79
Public	University of New Mexico - Albuquerque	460-610; 460-590	586	152	1080	490	124
Public	University of North Carolina - Chapel Hill	570-680; 580-690	100	14	1235	118	19
Private	University of Notre Dame	620-720; 640-730	34	34	1350	34	34
Public	University of Oklahoma - Norman	22-27	352	72	1140	286	61
Public	University of Oklahoma Health Sciences Center	NA					
Public	University of Oregon	500-620; 500-610	390	86	1115	370	83
Private	University of Pennsylvania	640-730; 670-760	19	19	1425	10	10
Public	University of Pittsburgh - Pittsburgh	530-630; 630-540	237	49	1165	231	49
Public	University of Rhode Island	490-600; 500-610	432	93	1085	476	121
Private	University of Rochester	600-700; 620-710	59	56	1320	49	48
Public	University of South Carolina - Columbia	490-600; 500-610	432	93	1110	386	90
Public	University of South Florida	470-570; 470-580	678	185	1080	490	124
Private	University of Southern California	600-700; 620-710	59	56	1305	62	59
Public	University of Tennessee - Knoxville	480-600; 480-610	502	123	1115	370	83
Public	University of Tennessee Health Science Center	NA					
Public	University of Texas - Austin	530-650; 560-680	149	27	1195	170	32
Public	University of Texas Health Science Center - Houston	NA					
Public	University of Texas Health Science Ctr - San Antonio	NA					
Public	University of Texas MD Anderson Cancer Center	NA					
Public	University of Texas Medical Branch - Galveston	NA					
Public	University of Texas SW Medical Center - Dallas	NA					
Public	University of Utah	20-26	545	134	1070	521	137
Public	University of Vermont	520-610; 520-620	326	67	1135	306	68
Public	University of Virginia	600-700; 610-720	59	4	1305	62	4
Public	University of Washington - Seattle	500-620; 530-650	292	61	1160	236	50
Public	University of Wisconsin - Madison	560-680; 590-710	89	10	1245	108	15
Public	University of Wyoming	480-600; 490-610	466	109	1095	434	106
Public	US Naval Postgraduate School	NA					
Public	Utah State University	460-590; 460-590	625	167	1060	561	148
Private	Vanderbilt University	600-690; 630-710	59	56	1310	58	55
Public	Virginia Commonwealth University	470-580; 450-570	708	198	1030	694	202
Public	Virginia Polytechnic Institute and State University	530-630; 550-660	206	40	1175	210	43
Private	Wake Forest University	610-680; 620-700	66	62	1300	65	61
Public	Washington State University - Pullman	450-570; 460-580	726	207	1060	561	148
Private	Washington University in St. Louis	640-730; 670-740	21	21	1370	26	26
Public	Wayne State University	17-24	1060	345	970	982	328
Public	West Virginia University	460-560; 470-570	726	207	1030	694	202
Private	Woods Hole Oceanographic Institution	NA					
Private	Yale University	680-770; 680-770	8	8	1465	6	6
Private	Yeshiva University	590-690; 570-670	100	87	1260	92	82

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

1999 Median SAT	1999 National Rank	1999 Control Rank	1998 Median SAT	1998 National Rank	1998 Control Rank
1075	503	129	1085	476	115
NA			NA		
1165	216	45	1160	222	45
1240	110	16	1205	144	25
1135	302	65	1120	344	76
NA			NA		
NA			NA		
1160	224	178	1155	238	189
1270	77	8	1270	75	9
1185	182	37	1165	213	43
1090	460	111	1090	444	103
1200	153	27	1200	155	29
1150	254	53	1145	267	54
NA			NA		
1040	656	180	1045	644	170
1115	367	81	1130	317	67
1070	520	135	1075	505	125
1245	104	15	1235	116	17
1345	35	35	1320	44	43
1110	377	86	1110	372	84
NA			NA		
1115	367	81	1100	409	94
1400	13	13	1390	17	17
1145	267	57	1135	303	61
1090	460	111	1070	526	129
1320	48	48	1305	56	52
1100	421	99	1085	476	115
1084	496	126	1112	371	83
1265	84	75	1240	108	93
1100	421	99	1100	409	94
NA			NA		
1195	164	30	1200	155	29
NA			NA		
NA			NA		
NA			NA		
NA			NA		
1130	317	69	1130	317	67
1130	317	69	1135	303	61
1310	58	4	1310	52	2
1160	224	47	1155	238	50
1195	164	30	1195	162	32
1090	460	111	1070	526	129
NA			NA		
1055	589	152	1090	444	103
1310	58	55	1325	43	42
1020	756	226	1005	834	251
1165	216	45	1160	222	45
1300	64	59	1305	56	52
1055	589	152	1050	607	153
1355	29	29	1335	36	35
970	981	323	930	1107	378
1020	756	226	1030	684	186
NA			NA		
1465	5	5	1450	6	6
1190	172	139	1260	85	73

National Merit and Achievement Scholars							
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 National Merits	2002 National Rank	2002 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank
Public	Arizona State University - Tempe	103	22	8	116	20	8
Public	Auburn University	29	84	37	26	83	40
Private	Baylor College of Medicine	NA			NA		
Private	Boston College	15	123	68	13	131	73
Private	Boston University	49	53	32	53	45	27
Private	Brandeis University	36	68	38	31	70	36
Private	Brown University	82	29	17	82	31	18
Private	California Institute of Technology	57	39	23	55	40	23
Private	Carnegie Mellon University	22	94	52	26	83	44
Private	Case Western Reserve University	50	50	29	49	50	29
Private	Charles R. Drew University of Medicine and Science	NA			NA		
Public	Clemson University	38	63	27	33	68	33
Public	Colorado State University	9	156	66	9	157	69
Private	Columbia University	63	32	19	67	35	20
Private	Cornell University	44	56	34	69	34	19
Private	Dartmouth College	54	41	24	45	54	30
Public	Desert Research Institute	NA			NA		
Private	Drexel University	1	288	172	1	286	177
Private	Duke University	123	16	11	119	19	12
Private	Emory University	60	34	20	55	40	23
Public	Florida A&M University	20	99	46	52	47	20
Public	Florida International University	1	288	117	1	286	110
Public	Florida State University	27	87	39	98	26	12
Public	George Mason University	0	396	151	0	403	155
Private	George Washington University	38	63	37	25	91	49
Private	Georgetown University	34	71	39	26	83	44
Public	Georgia Institute of Technology	116	18	7	124	18	7
Private	Harvard University	455	1	1	415	1	1
Private	Howard University	54	41	24	28	77	41
Public	Indiana University - Bloomington	8	164	71	17	110	51
Public	Indiana University-Purdue University - Indianapolis	0	396	151	0	403	155
Public	Iowa State University	99	25	10	125	17	6
Public	Jackson State University	1	288	117	0	403	155
Private	Johns Hopkins University	58	35	21	90	28	16
Public	Kansas State University	9	156	66	13	131	59
Private	Loma Linda University	NA			NA		
Public	Louisiana State University - Baton Rouge	44	56	23	41	57	26
Public	Louisiana State University Health Sciences Center	NA			NA		
Private	Loyola University Chicago	9	156	91	8	165	91
Private	Massachusetts Institute of Technology	153	13	9	185	7	4
Private	MCP Hahnemann University	NA			NA		
Public	Medical College of Georgia	NA			NA		
Private	Medical College of Wisconsin	NA			NA		
Public	Medical University of South Carolina	NA			NA		
Public	Michigan State University	51	46	20	66	38	17
Public	Mississippi State University	37	67	30	31	70	35
Public	Montana State University - Bozeman	4	215	84	3	234	95
Private	Mount Sinai School of Medicine	NA			NA		
Public	New Mexico State University - Las Cruces	0	396	151	0	403	155
Private	New York University	114	19	12	167	12	8
Public	North Carolina State University	29	84	37	37	64	30
Private	Northeastern University	0	396	246	2	248	149
Private	Northwestern University	109	21	14	139	16	11
Public	Ohio State University - Columbus	119	17	6	115	22	10
Public	Oklahoma State University - Stillwater	13	131	58	19	106	50
Public	Oregon Health & Science University	NA			NA		
Public	Oregon State University	7	174	74	11	145	62
Public	Pennsylvania State University - Hershey Medical Ctr	NA			NA		

2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
119	18	8	132	17	6
38	65	30	20	100	49
NA			NA		
12	143	79	13	137	74
60	39	24	61	34	19
32	74	40	26	84	44
76	29	17	61	34	19
71	31	18	52	42	26
19	105	56	29	77	40
68	33	20	70	31	18
NA			NA		
29	81	40	35	66	31
14	129	58	14	132	62
54	44	27	48	50	28
53	47	28	48	50	28
71	31	18	58	37	22
NA			NA		
7	178	104	2	256	156
107	23	12	96	27	14
61	37	23	57	39	24
62	35	14	44	53	23
0	412	163	0	409	154
54	44	18	117	21	9
1	294	116	1	287	110
16	118	62	20	100	52
39	64	35	28	82	42
115	21	11	117	21	9
444	1	1	457	1	1
46	54	32	41	59	34
10	157	68	26	84	41
0	412	163	0	409	154
125	16	7	125	19	7
0	412	163	0	409	154
65	34	21	80	30	17
14	129	58	22	94	46
NA			NA		
34	71	33	39	62	28
NA			NA		
0	412	250	2	256	156
173	7	4	155	9	5
NA			NA		
NA			NA		
NA			NA		
NA			NA		
61	37	15	52	42	17
35	68	31	36	64	30
4	222	88	3	238	96
NA			NA		
0	412	163	2	256	101
149	13	9	142	13	8
21	99	48	16	119	55
2	261	156	4	216	128
92	25	14	136	16	11
116	19	9	121	20	8
18	112	54	23	90	43
NA			NA		
6	186	76	9	157	69
NA			NA		

National Merit and Achievement Scholars							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 National Merits	2002 National Rank	2002 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank
Public	Pennsylvania State University - University Park	32	75	34	25	91	43
Private	Princeton University	179	8	6	174	9	5
Public	Purdue University - West Lafayette	90	27	12	76	32	14
Private	Rensselaer Polytechnic Institute	20	99	54	16	117	64
Private	Rice University	173	10	8	170	11	7
Private	Rockefeller University	NA			NA		
Private	Rush University	NA			NA		
Public	Rutgers the State University of NJ - New Brunswick	9	156	66	26	83	40
Private	Saint Louis University - St. Louis	10	145	82	20	102	55
Public	San Diego State University	0	396	151	0	403	155
Private	Stanford University	268	3	2	315	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA			NA		
Public	Stony Brook University	3	233	93	4	208	87
Private	Syracuse University	2	254	151	2	248	149
Public	Temple University	1	288	117	2	248	100
Public	Texas A&M University	160	12	4	178	8	4
Private	Thomas Jefferson University	NA			NA		
Private	Tufts University	58	35	21	40	60	33
Private	Tulane University	53	44	26	55	40	23
Public	University at Albany	1	288	117	1	286	110
Public	University at Buffalo	1	288	117	1	286	110
Public	University of Alabama - Birmingham	9	156	66	10	151	67
Public	University of Alabama - Huntsville	1	288	117	1	286	110
Public	University of Alabama - Tuscaloosa	52	45	19	38	63	29
Public	University of Alaska - Fairbanks	2	254	104	6	183	78
Public	University of Arizona	58	35	15	67	35	16
Public	University of Arkansas - Fayetteville	39	62	26	23	97	45
Public	University of Arkansas for Medical Sciences	NA			NA		
Public	University of California - Berkeley	67	31	13	233	4	2
Public	University of California - Davis	21	95	43	20	102	48
Public	University of California - Irvine	17	111	51	17	110	51
Public	University of California - Los Angeles	94	26	11	86	30	13
Public	University of California - Riverside	1	288	117	0	403	155
Public	University of California - San Diego	51	46	20	52	47	20
Public	University of California - San Francisco	NA			NA		
Public	University of California - Santa Barbara	13	131	58	11	145	62
Public	University of California - Santa Cruz	3	233	93	4	208	87
Public	University of Central Florida	25	89	40	25	91	43
Private	University of Chicago	197	6	4	174	9	5
Public	University of Cincinnati - Cincinnati	16	116	54	9	157	69
Public	University of Colorado - Boulder	3	233	93	6	183	78
Public	University of Colorado Health Sciences Center	NA			NA		
Public	University of Connecticut - Health Center	NA			NA		
Public	University of Connecticut - Storrs	3	233	93	2	248	100
Private	University of Dayton	16	116	63	17	110	60
Public	University of Delaware	12	135	60	16	117	54
Public	University of Florida	237	4	2	197	6	3
Public	University of Georgia	56	40	17	53	45	19
Public	University of Hawaii - Manoa	0	396	151	0	403	155
Public	University of Houston - University Park	21	95	43	15	124	58
Public	University of Idaho	8	164	71	8	165	75
Public	University of Illinois - Chicago	2	254	104	4	208	87
Public	University of Illinois - Urbana-Champaign	32	75	34	28	77	37
Public	University of Iowa	47	54	22	36	66	32
Public	University of Kansas - Lawrence	100	24	9	106	25	11
Public	University of Kansas Medical Center	NA			NA		
Public	University of Kentucky	54	41	18	49	50	22
Public	University of Louisville	11	140	62	9	157	69

2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
26	86	42	29	77	38
122	17	10	138	14	9
54	44	18	54	40	16
17	114	59	15	124	67
168	9	6	189	7	4
NA			NA		
NA			NA		
21	99	48	21	97	48
14	129	72	19	106	56
1	294	116	0	409	154
244	4	2	273	2	2
NA			NA		
1	294	116	0	409	154
3	237	143	0	409	256
2	261	106	0	409	154
146	14	5	182	8	4
NA			NA		
36	67	37	46	52	30
43	59	33	53	41	25
0	412	163	0	409	154
2	261	106	1	287	110
3	237	95	9	157	69
0	412	163	0	409	154
74	30	13	68	32	14
3	237	95	4	216	89
42	60	27	49	48	21
33	73	34	29	77	38
NA			NA		
249	3	2	235	4	2
23	95	47	23	90	43
2	261	106	15	124	58
87	26	12	102	25	12
1	294	116	2	256	101
53	47	20	51	46	19
NA			NA		
13	137	61	5	196	82
8	166	72	3	238	96
32	74	35	19	106	51
160	11	8	143	11	6
6	186	76	9	157	69
11	147	65	4	216	89
NA			NA		
NA			NA		
0	412	163	5	196	82
15	122	66	12	144	78
14	129	58	13	137	64
194	6	3	208	5	3
51	51	22	52	42	17
1	294	116	0	409	154
24	91	44	17	112	53
13	137	61	5	196	82
6	186	76	3	238	96
42	60	27	32	68	32
32	74	35	30	73	37
116	19	9	101	26	13
NA			NA		
60	39	16	65	33	15
15	122	57	14	132	62

National Merit and Achievement Scholars							
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 National Merits	2002 National Rank	2002 Control Rank	2001 National Merits	2001 National Rank	2001 Control Rank
Public	University of Maine - Orono	4	215	84	0	403	155
Public	University of Maryland - Baltimore	NA			NA		
Public	University of Maryland - Baltimore County	7	174	74	9	157	69
Public	University of Maryland - College Park	58	35	15	47	53	24
Public	University of Massachusetts - Amherst	1	288	117	0	403	155
Public	University of Massachusetts Medical Sch - Worcester	NA			NA		
Public	University of Medicine & Dentistry of New Jersey	NA			NA		
Private	University of Miami	34	71	39	27	81	43
Public	University of Michigan - Ann Arbor	61	33	14	72	33	15
Public	University of Minnesota - Twin Cities	38	63	27	54	44	18
Public	University of Mississippi - Oxford	23	90	41	27	81	39
Public	University of Missouri - Columbia	21	95	43	20	102	48
Public	University of Nebraska - Lincoln	42	59	25	39	61	28
Public	University of Nebraska Medical Center	NA			NA		
Public	University of Nevada - Reno	0	396	151	0	403	155
Public	University of New Hampshire - Durham	0	396	151	1	286	110
Public	University of New Mexico - Albuquerque	3	233	93	1	286	110
Public	University of North Carolina - Chapel Hill	149	14	5	160	14	5
Private	University of Notre Dame	51	46	27	44	55	31
Public	University of Oklahoma - Norman	168	11	3	116	20	8
Public	University of Oklahoma Health Sciences Center	NA			NA		
Public	University of Oregon	12	135	60	10	151	67
Private	University of Pennsylvania	101	23	15	98	26	15
Public	University of Pittsburgh - Pittsburgh	7	174	74	13	131	59
Public	University of Rhode Island	0	396	151	1	286	110
Private	University of Rochester	31	79	43	35	67	35
Public	University of South Carolina - Columbia	34	71	33	42	56	25
Public	University of South Florida	17	111	51	16	117	54
Private	University of Southern California	185	7	5	155	15	10
Public	University of Tennessee - Knoxville	20	99	46	37	64	30
Public	University of Tennessee Health Science Center	NA			NA		
Public	University of Texas - Austin	271	2	1	236	3	1
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	32	75	34	33	68	33
Public	University of Vermont	1	288	117	0	403	155
Public	University of Virginia	44	56	23	49	50	22
Public	University of Washington - Seattle	38	63	27	41	57	26
Public	University of Wisconsin - Madison	36	68	31	26	83	40
Public	University of Wyoming	8	164	71	11	145	62
Public	US Naval Postgraduate School	NA			NA		
Public	Utah State University	20	99	46	9	157	69
Private	Vanderbilt University	140	15	10	115	22	13
Public	Virginia Commonwealth University	3	233	93	2	248	100
Public	Virginia Polytechnic Institute and State University	23	90	41	30	74	36
Private	Wake Forest University	15	123	68	20	102	55
Public	Washington State University - Pullman	2	254	104	1	286	110
Private	Washington University	176	9	7	165	13	9
Public	Wayne State University	1	288	117	0	403	155
Public	West Virginia University	14	128	57	11	145	62
Private	Woods Hole Oceanographic Institution	NA			NA		
Private	Yale University	216	5	3	200	5	3
Private	Yeshiva University	2	254	151	4	208	122

2000 National Merits	2000 National Rank	2000 Control Rank	1999 National Merits	1999 National Rank	1999 Control Rank
0	412	163	0	409	154
NA			NA		
1	294	116	4	216	89
46	54	23	49	48	21
0	412	163	1	287	110
NA			NA		
NA			NA		
20	102	53	23	90	48
55	43	17	51	46	19
40	63	29	43	55	24
30	79	38	31	71	35
30	79	38	23	90	43
26	86	42	29	77	38
NA			NA		
1	294	116	1	287	110
0	412	163	2	256	101
1	294	116	2	256	101
151	12	4	105	24	11
47	52	30	35	66	36
145	15	6	148	10	5
NA			NA		
13	137	61	17	112	53
86	27	15	83	29	16
9	161	70	11	151	68
0	412	163	1	287	110
21	99	52	22	94	49
44	56	24	40	60	26
19	105	50	16	119	55
170	8	5	137	15	10
35	68	31	31	71	35
NA			NA		
250	2	1	249	3	1
NA			NA		
NA			NA		
NA			NA		
NA			NA		
NA			NA		
29	81	40	32	68	32
0	412	163	0	409	154
53	47	20	40	60	26
44	56	24	43	55	24
44	56	24	32	68	32
6	186	76	5	196	82
NA			NA		
19	105	50	22	94	46
107	23	12	106	23	13
1	294	116	0	409	154
24	91	44	20	100	49
25	90	47	24	87	46
2	261	106	4	216	89
164	10	7	143	11	6
1	294	116	0	409	154
11	147	65	9	157	69
NA			NA		
220	5	3	201	6	3
2	261	156	0	409	256

Change: Research		Total Research in Constant 1998 Dollars					
		2001 Total Research x \$1000	1992 Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Institutions with Over \$20 Million in Federal Research, Alphabetically							
Public	Arizona State University - Tempe	107,255	82,792	24,463	29.5%	3	1
Public	Auburn University	96,042	79,720	16,322	20.5%	-3	-4
Private	Baylor College of Medicine	344,497	200,573	143,925	71.8%	9	5
Private	Boston College	27,787	12,417	15,370	123.8%	40	7
Private	Boston University	155,361	99,931	55,431	55.5%	12	3
Private	Brandeis University	47,700	42,060	5,640	13.4%	-7	2
Private	Brown University	82,756	66,363	16,394	24.7%	-7	-1
Private	California Institute of Technology	194,243	133,398	60,845	45.6%	3	2
Private	Carnegie Mellon University	130,843	132,011	-1,168	-0.9%	-31	-8
Private	Case Western Reserve University	179,042	141,347	37,695	26.7%	-6	-1
Private	Charles R. Drew University of Medicine and Science	33,159	9,386	23,773	253.3%	71	20
Public	Clemson University	111,881	92,622	19,259	20.8%	-4	-3
Public	Colorado State University	145,529	128,152	17,377	13.6%	-14	-11
Private	Columbia University	320,146	238,202	81,944	34.4%	-1	-2
Private	Cornell University	400,821	357,384	43,437	12.2%	-3	0
Private	Dartmouth College	98,525	64,074	34,450	53.8%	13	5
Public	Desert Research Institute	26,819	24,569	2,250	9.2%	-13	-10
Private	Drexel University	25,014	27,679	-2,665	-9.6%	-27	-6
Private	Duke University	338,783	225,263	113,520	50.4%	5	2
Private	Emory University	214,032	121,059	92,973	76.8%	20	7
Public	Florida A&M University	21,552	26,540	-4,988	-18.8%	-35	-27
Public	Florida International University	39,999	NR				
Public	Florida State University	102,788	59,908	42,881	71.6%	22	15
Public	George Mason University	29,695	14,243	15,452	108.5%	34	27
Private	George Washington University	66,653	46,962	19,691	41.9%	8	3
Private	Georgetown University	89,613	77,528	12,085	15.6%	-5	-1
Public	Georgia Institute of Technology	276,830	215,216	61,614	28.6%	-2	0
Private	Harvard University	336,050	302,207	33,843	11.2%	-8	-4
Private	Howard University	27,227	20,984	6,243	29.7%	-1	-1
Public	Indiana University - Bloomington	93,886	56,144	37,742	67.2%	20	14
Public	Indiana University-Purdue University - Indianapolis	140,829	84,217	56,612	67.2%	13	6
Public	Iowa State University	161,832	158,287	3,545	2.2%	-19	-13
Public	Jackson State University	23,176	4,853	18,323	377.5%	81	55
Private	Johns Hopkins University	902,419	878,164	24,255	2.8%	0	0
Public	Kansas State University	84,918	68,915	16,003	23.2%	-7	-6
Private	Loma Linda University	23,888	9,585	14,303	149.2%	42	11
Public	Louisiana State University - Baton Rouge	167,569	126,901	40,668	32.0%	-3	-2
Public	Louisiana State University Health Sciences Center	53,427	36,258	17,170	47.4%	9	4
Private	Loyola University Chicago	33,556	35,935	-2,380	-6.6%	-13	-1
Private	Massachusetts Institute of Technology	393,296	398,653	-5,357	-1.3%	-8	-2
Private	MCP Hahnemann University	29,316	52,577	-23,261	-44.2%	-49	-12
Public	Medical College of Georgia	47,134	25,581	21,553	84.3%	22	13
Private	Medical College of Wisconsin	75,731	52,029	23,702	45.6%	6	1
Public	Medical University of South Carolina	105,380	38,085	67,295	176.7%	55	40
Public	Michigan State University	240,176	169,902	70,274	41.4%	0	0
Public	Mississippi State University	132,701	78,504	54,197	69.0%	16	12
Public	Montana State University - Bozeman	62,849	41,093	21,757	52.9%	8	5
Private	Mount Sinai School of Medicine	159,800	90,212	69,588	77.1%	20	6
Public	New Mexico State University - Las Cruces	78,536	100,168	-21,632	-21.6%	-41	-30
Private	New York University	172,241	146,132	26,109	17.9%	-11	-4
Public	North Carolina State University	270,261	170,737	99,524	58.3%	3	3
Private	Northeastern University	31,127	18,954	12,173	64.2%	16	5
Private	Northwestern University	232,939	169,504	63,435	37.4%	0	0
Public	Ohio State University - Columbus	352,798	242,709	110,089	45.4%	4	3
Public	Oklahoma State University - Stillwater	81,560	85,051	-3,491	-4.1%	-28	-23
Public	Oregon Health & Science University	123,531	58,875	64,656	109.8%	34	26
Public	Oregon State University	139,010	128,431	10,578	8.2%	-21	-18
Public	Pennsylvania State University - Hershey Medical Ctr	41,368	39,873	1,496	3.8%	-10	-11

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2001 Federal Research x \$1000	1992 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2001 Non-Federal Research x \$1000	1992 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
51,130	39,575	11,555	29.20%	-3	-4	56,125	43,217	12,908	29.90%	-3	-2
36,212	18,404	17,808	96.80%	26	18	59,830	61,316	-1,486	-2.40%	-20	-14
211,681	102,358	109,323	106.80%	16	5	132,816	98,215	34,601	35.20%	-1	1
18,173	10,381	7,792	75.10%	2	1	9,613	2,036	7,578	372.30%	82	26
136,161	79,606	56,556	71.00%	14	6	19,200	20,325	-1,125	-5.50%	-21	-3
27,121	26,027	1,094	4.20%	-15	-1	20,579	16,033	4,546	28.40%	8	6
52,711	45,196	7,515	16.60%	-11	-3	30,045	21,167	8,879	41.90%	3	0
174,799	118,432	56,366	47.60%	1	0	19,445	14,966	4,479	29.90%	6	6
88,019	83,392	4,627	5.50%	-16	-3	42,824	48,619	-5,795	-11.90%	-28	-6
143,459	99,556	43,904	44.10%	3	1	35,583	41,791	-6,208	-14.90%	-30	-6
24,758	7,103	17,656	248.60%	66	17	8,401	2,284	6,117	267.80%	65	21
43,855	22,411	21,444	95.70%	21	16	68,026	70,211	-2,185	-3.10%	-17	-15
91,491	77,220	14,271	18.50%	-4	-5	54,038	50,932	3,106	6.10%	-16	-10
287,121	208,666	78,455	37.60%	4	1	33,025	29,536	3,490	11.80%	-13	-5
217,165	215,333	1,832	0.90%	-8	-6	183,656	142,051	41,605	29.30%	-5	0
63,076	46,313	16,764	36.20%	0	-1	35,448	17,762	17,687	99.60%	36	11
19,884	13,739	6,145	44.70%	-4	-4	6,935	10,830	-3,895	-36.00%	-34	-28
18,206	11,783	6,423	54.50%	-6	0	6,808	15,897	-9,088	-57.20%	-59	-13
196,974	150,123	46,851	31.20%	-2	-2	141,808	75,139	66,669	88.70%	15	6
153,813	83,446	70,367	84.30%	15	7	60,219	37,613	22,606	60.10%	18	2
20,299	22,324	-2,025	-9.10%	-32	-24	1,254	4,217	-2,963	-70.30%	-102	-67
21,620	NR					18,379	NR				
51,544	33,010	18,534	56.10%	10	5	51,244	26,897	24,346	90.50%	26	21
23,473	10,075	13,398	133.00%	31	24	6,221	4,168	2,054	49.30%	15	8
46,742	33,618	13,124	39.00%	-2	0	19,912	13,344	6,567	49.20%	13	11
84,554	50,931	33,623	66.00%	10	2	5,059	26,598	-21,539	-81.00%	-118	-36
129,898	120,936	8,962	7.40%	-14	-6	146,932	94,280	52,652	55.80%	6	3
271,304	208,493	62,811	30.10%	1	0	64,746	93,714	-28,968	-30.90%	-31	-7
25,150	16,686	8,464	50.70%	12	3	2,077	4,298	-2,221	-51.70%	-62	-18
42,186	33,367	8,818	26.40%	-5	-5	51,701	22,777	28,923	127.00%	37	29
63,279	50,052	13,227	26.40%	-4	-3	77,549	34,165	43,385	127.00%	39	30
56,014	53,897	2,116	3.90%	-18	-12	105,818	104,390	1,428	1.40%	-14	-10
20,546	4,595	15,950	347.10%	85	62	2,631	258	2,373	920.10%	125	69
794,494	795,968	-1,474	-0.20%	0	0	107,925	82,195	25,730	31.30%	1	1
30,704	22,186	8,517	38.40%	4	2	54,215	46,729	7,486	16.00%	-10	-5
18,508	4,819	13,690	284.10%	73	21	5,380	4,766	614	12.90%	-3	0
58,964	27,875	31,089	111.50%	30	21	148,769	99,026	49,743	50.20%	4	2
18,801	19,745	-944	-4.80%	-27	-22		16,513			29	20
23,909	21,575	2,334	10.80%	-10	-4	9,647	14,360	-4,713	-32.80%	-29	-4
274,830	284,115	-9,284	-3.30%	-5	-2	118,465	114,538	3,927	3.40%	-12	-1
20,721	33,084	-12,363	-37.40%	-52	-12	8,596	19,493	-10,897	-55.90%	-61	-16
19,070	9,249	9,821	106.20%	18	13	28,064	16,331	11,732	71.80%	21	14
57,801	33,033	24,768	75.00%	16	6	17,930	18,996	-1,066	-5.60%	-18	-2
54,676	20,504	34,172	166.70%	44	32	50,704	17,581	33,122	188.40%	61	43
101,471	79,354	22,118	27.90%	2	-2	138,704	90,548	48,157	53.20%	5	2
59,147	35,514	23,633	66.50%	12	8	73,554	42,990	30,564	71.10%	18	13
31,479	16,050	15,430	96.10%	32	23	31,370	25,043	6,327	25.30%	-4	-2
98,749	60,713	38,035	62.60%	11	4	61,051	29,499	31,552	107.00%	36	8
55,201	75,063	-19,862	-26.50%	-37	-29	23,335	25,105	-1,770	-7.10%	-23	-18
117,310	103,966	13,344	12.80%	-12	-6	54,931	42,166	12,765	30.30%	0	-1
86,585	60,293	26,292	43.60%	3	1	183,676	110,444	73,232	66.30%	7	4
21,252	15,331	5,921	38.60%	2	1	9,875	3,623	6,252	172.50%	49	17
142,806	82,667	60,139	72.70%	13	6	90,133	86,837	3,296	3.80%	-13	-2
145,482	116,931	28,552	24.40%	-2	0	207,316	125,779	81,537	64.80%	6	5
23,152	18,367	4,785	26.10%	-3	0	58,408	66,684	-8,276	-12.40%	-29	-21
100,850	40,053	60,797	151.80%	40	28	22,680	18,822	3,859	20.50%	0	-5
76,632	71,322	5,309	7.40%	-13	-12	62,378	57,109	5,269	9.20%	-10	-7
22,212	21,759	453	2.10%	-18	-12	24,903	18,114	6,789	37.50%	10	5

Change: Research		Total Research in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Total Research x \$1000	1992 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	Pennsylvania State University - University Park	372,311	292,396	79,915	27.3%	1	1
Private	Princeton University	134,933	112,176	22,757	20.3%	-12	-1
Public	Purdue University - West Lafayette	230,216	167,456	62,759	37.5%	-1	-1
Private	Rensselaer Polytechnic Institute	40,649	60,613	-19,965	-32.9%	-38	-7
Private	Rice University	38,540	35,129	3,410	9.7%	-4	3
Private	Rockefeller University	131,465	89,664	41,801	46.6%	2	2
Private	Rush University	63,415	31,261	32,154	102.9%	29	8
Public	Rutgers the State University of NJ - New Brunswick	190,325	172,231	18,094	10.5%	-16	-12
Private	Saint Louis University - St. Louis	29,298	23,797	5,502	23.1%	-5	0
Public	San Diego State University	52,680	36,632	16,047	43.8%	7	2
Private	Stanford University	436,112	439,331	-3,219	-0.7%	-5	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	28,561	28,858	-296	-1.0%	-18	-15
Public	Stony Brook University	152,161	118,084	34,077	28.9%	-4	-3
Private	Syracuse University	38,360	38,378	-18	0.0%	-15	-1
Public	Temple University	54,350	64,376	-10,026	-15.6%	-28	-22
Public	Texas A&M University	367,599	364,605	2,994	0.8%	-9	-7
Private	Thomas Jefferson University	80,318	49,343	30,975	62.8%	12	3
Private	Tufts University	95,553	72,698	22,856	31.4%	2	2
Private	Tulane University	90,094	86,188	3,907	4.5%	-16	-1
Public	University at Albany	63,324	42,808	20,516	47.9%	6	4
Public	University at Buffalo	168,725	153,330	15,395	10.0%	-13	-8
Public	University of Alabama - Birmingham	209,250	140,694	68,556	48.7%	4	2
Public	University of Alabama - Huntsville	39,493	38,225	1,268	3.3%	-11	-12
Public	University of Alabama - Tuscaloosa	29,922	26,950	2,973	11.0%	-7	-8
Public	University of Alaska - Fairbanks	99,517	81,043	18,474	22.8%	-1	-3
Public	University of Arizona	331,553	265,045	66,509	25.1%	-4	-1
Public	University of Arkansas - Fayetteville	70,715	53,449	17,267	32.3%	1	2
Public	University of Arkansas for Medical Sciences	46,890	18,970	27,920	147.2%	39	27
Public	University of California - Berkeley	403,029	339,718	63,311	18.6%	0	-1
Public	University of California - Davis	390,497	249,862	140,635	56.3%	8	6
Public	University of California - Irvine	162,437	106,585	55,852	52.4%	12	9
Public	University of California - Los Angeles	626,572	323,492	303,080	93.7%	11	8
Public	University of California - Riverside	85,302	68,692	16,610	24.2%	-4	-3
Public	University of California - San Diego	502,605	336,816	165,789	49.2%	6	3
Public	University of California - San Francisco	474,105	353,137	120,968	34.3%	3	0
Public	University of California - Santa Barbara	105,096	78,806	26,290	33.4%	6	4
Public	University of California - Santa Cruz	58,027	43,473	14,553	33.5%	1	-1
Public	University of Central Florida	71,604	32,986	38,618	117.1%	36	27
Private	University of Chicago	175,314	141,027	34,287	24.3%	-7	-1
Public	University of Cincinnati - Cincinnati	174,203	107,784	66,419	61.6%	15	10
Public	University of Colorado - Boulder	181,532	126,267	55,265	43.8%	6	3
Public	University of Colorado Health Sciences Center	145,226	84,177	61,049	72.5%	18	11
Public	University of Connecticut - Health Center	65,313	65,144	169	0.3%	-19	-14
Public	University of Connecticut - Storrs	83,126	82,912	214	0.3%	-21	-18
Private	University of Dayton	37,337	48,961	-11,624	-23.7%	-30	-5
Public	University of Delaware	69,982	58,465	11,517	19.7%	-3	-2
Public	University of Florida	324,495	167,372	157,123	93.9%	14	10
Public	University of Georgia	245,912	197,327	48,586	24.6%	-3	-3
Public	University of Hawaii - Manoa	141,765	95,820	45,945	47.9%	8	4
Public	University of Houston - University Park	46,570	53,674	-7,104	-13.2%	-25	-21
Public	University of Idaho	60,956	52,699	8,257	15.7%	-8	-5
Public	University of Illinois - Chicago	210,511	122,097	88,414	72.4%	16	11
Public	University of Illinois - Urbana-Champaign	352,988	300,827	52,161	17.3%	-3	-2
Public	University of Iowa	230,605	161,676	68,929	42.6%	3	2
Public	University of Kansas - Lawrence	84,783	51,042	33,741	66.1%	16	11
Public	University of Kansas Medical Center	56,522	38,506	18,017	46.8%	6	3
Public	University of Kentucky	191,205	110,130	81,075	73.6%	18	11
Public	University of Louisville	65,797	20,774	45,023	216.7%	55	42

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2001 Federal Research x \$1000	1992 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2001 Non-Federal Research x \$1000	1992 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
199,907	159,567	40,339	25.30%	-3	-1	166,658	132,829	33,830	25.50%	-4	-4
71,002	66,526	4,475	6.70%	-14	-1	63,931	45,650	18,281	40.00%	6	1
88,640	81,453	7,188	8.80%	-12	-11	141,575	86,004	55,572	64.60%	10	6
23,385	29,027	-5,642	-19.40%	-32	-8	17,264	31,586	-14,322	-45.30%	-58	-17
32,224	25,497	6,727	26.40%	1	3	6,315	9,632	-3,317	-34.40%	-32	-8
49,997	45,168	4,830	10.70%	-15	-4	81,468	44,497	36,971	83.10%	18	5
33,687	10,900	22,786	209.00%	47	15	29,728	20,361	9,367	46.00%	5	1
62,015	60,168	1,847	3.10%	-16	-12	128,310	112,063	16,247	14.50%	-8	-8
25,392	21,142	4,251	20.10%	-4	0	3,906	2,655	1,251	47.10%	4	2
21,332	18,719	2,613	14.00%	-11	-8	31,348	17,913	13,434	75.00%	25	17
347,213	317,204	30,009	9.50%	-2	0	88,899	122,128	-33,228	-27.20%	-28	-7
20,645	18,978	1,667	8.80%	-17	-12	7,917	9,880	-1,963	-19.90%	-24	-19
84,228	75,942	8,286	10.90%	-12	-11	67,933	42,142	25,791	61.20%	17	11
27,126	17,568	9,557	54.40%	15	6	11,235	20,810	-9,575	-46.00%	-50	-14
37,608	32,079	5,529	17.20%	-8	-10	16,743	32,297	-15,555	-48.20%	-61	-43
134,907	134,813	94	0.10%	-14	-6	232,692	229,792	2,900	1.30%	-3	-3
58,594	34,457	24,137	70.00%	11	4	21,724	14,886	6,839	45.90%	15	10
64,724	50,278	14,447	28.70%	-3	-1	30,829	22,420	8,409	37.50%	1	0
50,275	39,762	10,513	26.40%	-5	0	39,819	46,426	-6,607	-14.20%	-29	-6
42,149	31,027	11,122	35.80%	1	-1	21,176	11,781	9,394	79.70%	27	14
87,235	92,680	-5,445	-5.90%	-20	-14	81,490	60,650	20,840	34.40%	0	-1
175,766	98,368	77,398	78.70%	11	6	33,484	42,326	-8,842	-20.90%	-38	-28
27,657	29,169	-1,512	-5.20%	-16	-15	11,836	9,056	2,780	30.70%	12	7
20,033	8,210	11,823	144.00%	35	27	9,889	18,739	-8,851	-47.20%	-46	-36
49,930	38,284	11,646	30.40%	-4	-3	49,587	42,760	6,828	16.00%	-14	-12
180,154	126,448	53,706	42.50%	3	3	151,399	138,596	12,803	9.20%	-6	-6
20,927	14,829	6,097	41.10%	2	1	49,789	38,619	11,170	28.90%	-1	-1
30,903	11,512	19,392	168.50%	41	28	15,987	7,458	8,528	114.30%	32	21
187,917	177,836	10,081	5.70%	-7	-3	215,112	161,882	53,230	32.90%	0	0
139,924	109,025	30,899	28.30%	-5	-1	250,573	140,837	109,736	77.90%	6	5
91,877	66,060	25,817	39.10%	4	2	70,560	40,526	30,034	74.10%	24	17
282,542	215,789	66,753	30.90%	1	2	344,030	107,703	236,327	219.40%	19	16
23,221	20,496	2,726	13.30%	-9	-6	62,081	48,197	13,884	28.80%	0	1
310,013	262,471	47,542	18.10%	0	0	192,592	74,345	118,247	159.10%	28	19
250,600	241,506	9,095	3.80%	-6	-2	223,505	111,631	111,874	100.20%	13	10
69,383	63,010	6,373	10.10%	-14	-12	35,712	15,795	19,917	126.10%	47	31
26,371	24,161	2,210	9.10%	-13	-12	31,655	19,313	12,343	63.90%	18	11
20,177	10,925	9,252	84.70%	4	2	51,427	22,061	29,366	133.10%	42	32
140,492	116,026	24,466	21.10%	-4	-4	34,823	25,001	9,821	39.30%	5	0
115,641	67,306	48,335	71.80%	12	8	58,562	40,478	18,084	44.70%	11	10
156,092	93,048	63,044	67.80%	13	7	30,280	33,219	-2,939	-8.80%	-28	-20
119,856	62,033	57,823	93.20%	20	14	20,529	22,144	-1,615	-7.30%	-23	-19
36,040	31,281	4,759	15.20%	-10	-12	29,273	33,863	-4,590	-13.60%	-32	-22
27,189	23,599	3,590	15.20%	-5	-7	55,937	59,313	-3,376	-5.70%	-22	-16
30,798	41,699	-10,902	-26.10%	-35	-6	6,539	7,261	-722	-9.90%	-19	-3
37,777	25,823	11,954	46.30%	5	1	32,205	32,642	-437	-1.30%	-19	-12
126,203	80,696	45,507	56.40%	8	4	198,292	86,676	111,616	128.80%	22	16
60,429	58,456	1,973	3.40%	-17	-13	185,483	138,871	46,612	33.60%	0	-1
88,247	56,930	31,317	55.00%	11	8	53,518	38,890	14,628	37.60%	6	6
19,756	26,124	-6,368	-24.40%	-47	-37	26,814	27,550	-736	-2.70%	-23	-16
23,975	19,820	4,156	21.00%	-3	-2	36,980	32,879	4,101	12.50%	-7	-6
112,986	57,885	55,101	95.20%	21	15	97,525	64,212	33,313	51.90%	4	1
176,390	154,116	22,274	14.50%	-6	-3	176,598	146,711	29,887	20.40%	-8	-7
140,205	105,493	34,712	32.90%	-3	1	90,399	56,183	34,217	60.90%	13	9
39,692	21,771	17,921	82.30%	19	14	45,091	29,271	15,820	54.00%	15	10
27,583	16,424	11,159	67.90%	23	15	28,939	22,081	6,858	31.10%	-5	-3
77,882	47,551	30,332	63.80%	12	9	113,323	62,579	50,743	81.10%	15	8
22,682	8,676	14,006	161.40%	44	36	43,115	12,098	31,017	256.40%	75	49

Change: Research		Total Research in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 Total Research x \$1000	1992 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 Maine - Orono	57,862	27,714	30,148	108.8%	27	19
Public	University of Maryland - Baltimore	215,847	119,762	96,085	80.2%	22	14
Public	University of Maryland - Baltimore County	26,769	9,096	17,672	194.3%	58	42
Public	University of Maryland - College Park	241,474	261,513	-20,039	-7.7%	-14	-8
Public	University of Massachusetts - Amherst	88,482	75,204	13,278	17.7%	-7	-5
Public	University of Massachusetts Medical Sch - Worcester	100,444	63,685	36,759	57.7%	17	11
Public	University of Medicine & Dentistry of New Jersey	146,679	100,891	45,788	45.4%	7	5
Private	University of Miami	138,871	124,363	14,509	11.7%	-18	-3
Public	University of Michigan - Ann Arbor	542,332	469,273	73,059	15.6%	-2	-2
Public	University of Minnesota - Twin Cities	417,242	363,357	53,885	14.8%	-2	-2
Public	University of Mississippi - Oxford	35,719	12,579	23,140	184.0%	56	44
Public	University of Missouri - Columbia	157,846	116,097	41,748	36.0%	0	0
Public	University of Nebraska - Lincoln	142,256	109,155	33,102	30.3%	-2	-3
Public	University of Nebraska Medical Center	54,814	37,684	17,129	45.5%	10	5
Public	University of Nevada - Reno	53,490	44,826	8,664	19.3%	-5	-7
Public	University of New Hampshire - Durham	79,364	40,287	39,077	97.0%	22	16
Public	University of New Mexico - Albuquerque	141,443	86,991	54,451	62.6%	11	5
Public	University of North Carolina - Chapel Hill	274,159	192,873	81,286	42.1%	1	1
Private	University of Notre Dame	41,629	27,076	14,553	53.7%	14	8
Public	University of Oklahoma - Norman	81,915	59,407	22,508	37.9%	2	1
Public	University of Oklahoma Health Sciences Center	52,372	50,606	1,766	3.5%	-14	-13
Public	University of Oregon	33,307	36,106	-2,799	-7.8%	-16	-14
Private	University of Pennsylvania	424,323	265,552	158,771	59.8%	9	3
Public	University of Pittsburgh - Pittsburgh	314,994	187,741	127,253	67.8%	6	4
Public	University of Rhode Island	45,909	48,761	-2,852	-5.8%	-17	-17
Private	University of Rochester	211,561	167,136	44,425	26.6%	-2	-1
Public	University of South Carolina - Columbia	99,317	64,900	34,416	53.0%	12	7
Public	University of South Florida	154,927	82,036	72,890	88.9%	26	19
Private	University of Southern California	307,593	232,500	75,093	32.3%	-2	-2
Public	University of Tennessee - Knoxville	100,885	109,681	-8,796	-8.0%	-24	-20
Public	University of Tennessee Health Science Center	43,863	47,006	-3,144	-6.7%	-17	-17
Public	University of Texas - Austin	266,508	272,860	-6,351	-2.3%	-15	-8
Public	University of Texas Health Science Center - Houston	113,284	65,977	47,307	71.7%	21	16
Public	University of Texas Health Science Ctr - San Antonio	103,996	77,817	26,178	33.6%	7	5
Public	University of Texas MD Anderson Cancer Center	192,131	133,861	58,270	43.5%	1	0
Public	University of Texas Medical Branch - Galveston	92,768	68,855	23,914	34.7%	2	0
Public	University of Texas SW Medical Center - Dallas	200,828	122,092	78,736	64.5%	15	10
Public	University of Utah	178,450	129,521	48,928	37.8%	0	-2
Public	University of Vermont	68,272	59,148	9,123	15.4%	-6	-5
Public	University of Virginia	135,056	131,452	3,604	2.7%	-25	-21
Public	University of Washington - Seattle	532,491	374,304	158,187	42.3%	1	-1
Public	University of Wisconsin - Madison	545,602	421,096	124,506	29.6%	1	0
Public	University of Wyoming	37,598	36,033	1,565	4.3%	-8	-8
Public	US Naval Postgraduate School	36,927	24,370	12,557	51.5%	9	5
Public	Utah State University	109,599	107,184	2,416	2.3%	-15	-11
Private	Vanderbilt University	168,432	113,954	54,478	47.8%	7	2
Public	Virginia Commonwealth University	89,569	82,605	6,965	8.4%	-13	-11
Public	Virginia Polytechnic Institute and State University	195,361	156,394	38,968	24.9%	-3	-2
Private	Wake Forest University	88,814	59,598	29,215	49.0%	9	3
Public	Washington State University - Pullman	89,680	101,577	-11,897	-11.7%	-28	-22
Private	Washington University	367,238	203,368	163,871	80.6%	11	5
Public	Wayne State University	158,931	96,858	62,074	64.1%	16	11
Public	West Virginia University	64,401	62,658	1,743	2.8%	-15	-11
Private	Woods Hole Oceanographic Institution	82,208	98,909	-16,700	-16.9%	-34	-8
Private	Yale University	290,359	252,592	37,767	15.0%	-7	-5
Private	Yeshiva University	133,867	104,103	29,763	28.6%	-6	-1

Federal Research in Constant 1998 Dollars						Non-Federal Research in Constant 1998 Dollars					
2001 Federal Research x \$1000	1992 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2001 Non-Federal Research x \$1000	1992 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
21,560	10,715	10,844	101.20%	17	12	36,302	16,999	19,303	113.60%	42	28
89,489	57,412	32,077	55.90%	12	9	126,358	62,350	64,008	102.70%	19	11
21,399	5,842	15,557	266.30%	69	50	5,370	3,255	2,115	65.00%	22	13
131,415	98,460	32,955	33.50%	-4	-1	110,059	163,053	-52,994	-32.50%	-25	-21
44,772	39,886	4,886	12.30%	-11	-8	43,710	35,318	8,392	23.80%	-2	-3
71,754	42,280	29,474	69.70%	18	11	28,690	21,405	7,284	34.00%	-4	-2
77,715	46,672	31,043	66.50%	12	9	68,963	54,219	14,745	27.20%	3	2
100,969	97,728	3,241	3.30%	-13	-4	37,902	26,635	11,267	42.30%	10	3
357,733	266,779	90,954	34.10%	2	0	184,599	202,494	-17,895	-8.80%	-9	-9
238,679	198,099	40,580	20.50%	-2	-1	178,563	165,258	13,304	8.10%	-10	-9
27,191	10,026	17,164	171.20%	45	31	8,529	2,553	5,976	234.10%	57	38
61,804	33,485	28,318	84.60%	18	12	96,042	82,612	13,430	16.30%	-7	-6
39,625	30,304	9,322	30.80%	-1	-3	102,631	78,851	23,780	30.20%	-2	-2
20,317	11,629	8,688	74.70%	4	2	34,497	26,056	8,441	32.40%	1	2
28,345	16,816	11,529	68.60%	23	16	25,145	28,010	-2,865	-10.20%	-26	-19
40,841	25,777	15,063	58.40%	11	7	38,523	14,509	24,013	165.50%	59	37
98,894	47,795	51,099	106.90%	26	19	42,549	39,196	3,353	8.60%	-10	-9
200,141	135,835	64,306	47.30%	4	4	74,019	57,039	16,980	29.80%	2	2
26,913	17,978	8,936	49.70%	11	3	14,716	9,099	5,617	61.70%	22	8
31,021	18,104	12,917	71.30%	23	17	50,893	41,303	9,590	23.20%	-4	-4
23,403	17,394	6,009	34.50%	5	5	28,969	33,212	-4,243	-12.80%	-32	-22
29,109	25,074	4,034	16.10%	-4	-6	4,199	11,032	-6,833	-61.90%	-70	-48
317,888	190,515	127,372	66.90%	9	4	106,436	75,037	31,399	41.80%	2	2
242,546	144,554	97,993	67.80%	9	5	72,448	43,187	29,261	67.80%	16	11
38,979	30,421	8,558	28.10%	-3	-5	6,930	18,341	-11,410	-62.20%	-70	-54
150,768	131,822	18,946	14.40%	-5	-3	60,793	35,314	25,479	72.10%	22	4
46,946	28,347	18,599	65.60%	14	10	52,371	36,554	15,817	43.30%	8	7
53,126	21,502	31,624	147.10%	40	30	101,801	60,534	41,267	68.20%	11	7
222,350	169,191	53,158	31.40%	0	0	85,244	63,309	21,935	34.60%	-2	1
44,016	51,610	-7,594	-14.70%	-32	-22	56,869	58,071	-1,202	-2.10%	-19	-13
26,977	34,407	-7,430	-21.60%	-35	-29	16,885	12,599	4,286	34.00%	8	2
176,271	148,777	27,494	18.50%	-5	-3	90,238	124,083	-33,845	-27.30%	-27	-21
79,965	43,551	36,414	83.60%	20	13	33,319	22,426	10,893	48.60%	6	5
64,258	49,007	15,251	31.10%	-2	-1	39,737	28,810	10,927	37.90%	7	4
84,939	41,180	43,759	106.30%	27	18	107,192	92,681	14,510	15.70%	-6	-5
58,414	28,989	29,425	101.50%	26	18	34,354	39,866	-5,512	-13.80%	-29	-21
119,047	73,424	45,623	62.10%	12	7	81,781	48,668	33,113	68.00%	14	12
114,922	94,779	20,143	21.30%	-8	-5	63,528	34,742	28,785	82.90%	27	21
44,080	39,109	4,972	12.70%	-9	-7	24,191	20,040	4,152	20.70%	-1	-4
110,962	81,365	29,597	36.40%	0	-3	24,094	50,086	-25,993	-51.90%	-72	-54
392,942	307,835	85,106	27.60%	1	0	139,550	66,469	73,081	109.90%	18	11
274,551	238,560	35,990	15.10%	-2	0	271,051	182,535	88,516	48.50%	1	1
18,077	15,876	2,201	13.90%	-16	-11	19,521	20,157	-636	-3.20%	-16	-16
36,233	24,082	12,151	50.50%	9	4	694	288	406	141.10%	19	0
67,056	65,550	1,506	2.30%	-17	-14	42,543	41,634	910	2.20%	-16	-15
132,060	93,633	38,428	41.00%	1	-1	36,371	20,321	16,050	79.00%	26	10
51,761	54,789	-3,028	-5.50%	-24	-17	37,808	27,815	9,993	35.90%	5	3
69,885	61,224	8,661	14.10%	-11	-9	125,476	95,169	30,306	31.80%	-3	-4
70,461	44,777	25,684	57.40%	12	5	18,353	14,821	3,532	23.80%	3	6
39,726	45,623	-5,896	-12.90%	-28	-21	49,953	55,955	-6,001	-10.70%	-28	-21
257,318	147,880	109,438	74.00%	10	4	109,920	55,488	54,432	98.10%	24	7
71,749	42,466	29,284	69.00%	16	9	87,182	54,392	32,790	60.30%	12	9
26,587	33,119	-6,532	-19.70%	-33	-27	37,814	29,539	8,274	28.00%	0	0
68,338	88,622	-20,284	-22.90%	-34	-9	13,871	10,287	3,584	34.80%	11	5
226,409	187,854	38,555	20.50%	-1	0	63,950	64,738	-788	-1.20%	-17	-3
97,354	81,367	15,988	19.60%	-7	0	36,512	22,737	13,776	60.60%	15	5

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically		2002 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	186,349	60,316	126,032	209.0%	84	18
Public	Auburn University	197,301	137,909	59,392	43.1%	-35	-27
Private	Baylor College of Medicine	802,728	329,970	472,758	143.3%	18	20
Private	Boston College	873,764	491,987	381,777	77.6%	-6	-2
Private	Boston University	524,154	373,186	150,968	40.5%	-17	-7
Private	Brandeis University	348,246	214,003	134,243	62.7%	-14	-1
Private	Brown University	1,281,484	668,839	612,644	91.6%	3	2
Private	California Institute of Technology	1,046,129	660,597	385,532	58.4%	-2	-1
Private	Carnegie Mellon University	605,100	456,129	148,971	32.7%	-22	-12
Private	Case Western Reserve University	1,220,566	612,754	607,811	99.2%	4	4
Private	Charles R. Drew University of Medicine and Science	1,993	NR				
Public	Clemson University	182,116	89,193	92,923	104.2%	8	-9
Public	Colorado State University	88,140	34,538	53,602	155.2%	54	1
Private	Columbia University	3,813,207	2,109,771	1,703,436	80.7%	-1	-2
Private	Cornell University	2,585,776	1,373,753	1,212,023	88.2%	-3	-2
Private	Dartmouth College	1,981,287	866,729	1,114,558	128.6%	1	1
Public	Desert Research Institute	NR	NR				
Private	Drexel University	197,978	96,753	101,226	104.6%	10	18
Private	Duke University	2,652,588	768,833	1,883,754	245.0%	7	6
Private	Emory University	4,124,452	1,860,113	2,264,339	121.7%	3	2
Public	Florida A&M University	NR	NR				
Public	Florida International University	44,138	NR				
Public	Florida State University	294,571	55,161	239,410	434.0%	155	47
Public	George Mason University	NR	NR				
Private	George Washington University	586,214	399,157	187,057	46.9%	-14	-7
Private	Georgetown University	549,747	374,586	175,161	46.8%	-12	-4
Public	Georgia Institute of Technology	972,647	299,926	672,720	224.3%	36	5
Private	Harvard University	15,557,517	6,820,722	8,736,795	128.1%	0	0
Private	Howard University	283,373	145,330	138,043	95.0%	3	11
Public	Indiana University - Bloomington	450,436	206,544	243,892	118.1%	17	-2
Public	Indiana University-Purdue University - Indianapolis	389,801	185,887	203,913	109.7%	14	-1
Public	Iowa State University	304,383	116,834	187,550	160.5%	38	5
Public	Jackson State University	NR	NR				
Private	Johns Hopkins University	1,535,975	814,876	721,099	88.5%	-2	-1
Public	Kansas State University	156,127	103,921	52,207	50.2%	-23	-19
Private	Loma Linda University	110,443	NR				
Public	Louisiana State University - Baton Rouge	183,032	65,994	117,038	177.3%	64	13
Public	Louisiana State University Health Sciences Center	47,766	20,875	26,891	128.8%	19	0
Private	Loyola University Chicago	179,498	415,841	-236,343	-56.8%	-132	-76
Private	Massachusetts Institute of Technology	4,856,173	1,955,377	2,900,796	148.3%	2	1
Private	MCP Hahnemann University	68,178	NR				
Public	Medical College of Georgia	69,085	22,153	46,932	211.9%	72	6
Private	Medical College of Wisconsin	49,498	34,795	14,702	42.3%	-60	-29
Public	Medical University of South Carolina	63,272	21,998	41,274	187.6%	58	4
Public	Michigan State University	474,148	113,069	361,079	319.3%	81	23
Public	Mississippi State University	123,275	69,527	53,748	77.3%	-3	-10
Public	Montana State University - Bozeman	38,738	NR				
Private	Mount Sinai School of Medicine	NR	NR				
Public	New Mexico State University - Las Cruces	80,618	23,758	56,860	239.3%	92	13
Private	New York University	1,067,023	761,638	305,386	40.1%	-7	-3
Public	North Carolina State University	269,625	130,659	138,965	106.4%	21	-4
Private	Northeastern University	383,208	234,700	148,508	63.3%	-6	4
Private	Northwestern University	2,738,898	1,402,826	1,336,073	95.2%	-1	0
Public	Ohio State University - Columbus	869,928	534,547	335,381	62.7%	-12	-6
Public	Oklahoma State University - Stillwater	138,795	54,551	84,245	154.4%	64	13
Public	Oregon Health & Science University	225,041	106,083	118,958	112.1%	14	-7
Public	Oregon State University	213,452	88,420	125,032	141.4%	33	1
Public	Pennsylvania State University - Hershey Medical Ctr	113,051	31,980	81,072	253.5%	111	16

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2002 Annual Giving x \$1000	1993 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2002 Doctorates Awarded	1993 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
54,824	32,032	22,792	71.2%	-9	-10	313	270	43	15.9%	12	10
34,481	19,008	15,473	81.4%	14	2	143	123	20	16.3%	3	4
71,810	29,634	42,177	142.3%	33	13	41	41	0	0.0%	-23	-14
50,754	20,733	30,022	144.8%	28	19	120	119	1	0.8%	-11	-6
82,083	39,434	42,649	108.2%	9	6	246	271	-25	-9.2%	-2	-1
57,405	30,154	27,251	90.4%	6	8	102	86	16	18.6%	9	3
77,058	47,716	29,343	61.5%	-2	-1	148	170	-22	-12.9%	-14	-8
102,625	90,636	11,989	13.2%	-21	-5	139	158	-19	-12.0%	-16	-8
32,886	56,055	-23,169	-41.3%	-74	-25	176	155	21	13.5%	7	1
90,729	68,789	21,940	31.9%	-12	-2	175	158	17	10.8%	4	-2
NR	NR					0	0	0	0%	-74	-47
36,279	27,793	8,487	30.5%	-23	-19	116	84	32	38.1%	28	14
20,677	13,215	7,463	56.5%	-2	-14	148	197	-49	-24.9%	-23	-13
245,762	176,203	69,560	39.5%	-3	-1	452	687	-235	-34.2%	-14	-5
328,943	206,055	122,888	59.6%	-1	-1	412	491	-79	-16.1%	-5	-2
77,858	71,638	6,220	8.7%	-20	-9	40	54	-14	-25.9%	-57	-28
NR	NR					NR	NR				
21,627	11,835	9,792	82.7%	30	31	86	80	6	7.5%	3	0
239,736	163,191	76,545	46.9%	-2	-1	246	191	55	28.8%	21	4
190,618	56,400	134,218	238.0%	23	10	178	117	61	52.1%	27	8
NR	NR					9	9	0	0.0%	-59	-25
9,774	NR					52	25	27	108.0%	46	22
55,474	20,210	35,264	174.5%	43	18	248	262	-14	-5.3%	1	1
16,596	4,634	11,962	258.2%	202	41	129	70	59	84.3%	52	27
43,856	26,994	16,862	62.5%	2	2	223	167	56	33.5%	21	4
71,488	39,767	31,721	79.8%	-1	-1	81	88	-7	-8.0%	-12	-8
71,272	40,755	30,517	74.9%	-4	-1	257	196	61	31.1%	22	18
432,769	250,213	182,556	73.0%	-1	-1	543	540	3	0.6%	-1	0
NR	NR					102	98	4	4.1%	-9	-7
58,234	57,088	1,146	2.0%	-27	-19	347	348	-1	-0.3%	1	1
106,485	51,378	55,107	107.3%	6	1	29	30	-1	-3.3%	-40	-20
55,018	54,506	512	0.9%	-35	-26	239	322	-83	-25.8%	-17	-13
NR	NR					26	10	16	160.0%	44	9
288,762	102,539	186,224	181.6%	11	6	373	318	55	17.3%	12	3
33,764	22,267	11,497	51.6%	-6	-11	152	155	-3	-1.9%	-6	-2
22,372	24,430	-2,059	-8.4%	-60	-25	66	23	43	187.0%	90	43
55,635	NR					222	188	34	18.1%	16	14
8,950	NR					32	28	4	14.3%	-27	-14
20,253	17,587	2,666	15.2%	-50	-21	206	96	110	114.6%	59	21
199,861	106,138	93,723	88.3%	-2	-1	501	516	-15	-2.9%	-3	0
NR	4,207					NR	93				
4,646	4,116	530	12.9%	-81	-50	16	12	4	33.3%	-31	-18
15,766	NR					17	11	6	54.5%	-18	-7
27,294	6,307	20,988	332.8%	195	44	39	18	21	116.7%	42	21
191,757	57,500	134,257	233.5%	22	12	428	401	27	6.7%	3	0
48,332	15,909	32,423	203.8%	55	20	96	102	-6	-5.9%	-16	-5
NR	NR					36	43	-7	-16.3%	-52	-23
NR	NR					35	NR				
10,252	3,107	7,145	230.0%	241	37	77	62	15	24.2%	11	3
227,801	111,217	116,583	104.8%	0	-1	415	404	11	2.7%	1	2
110,693	53,247	57,446	107.9%	8	3	300	283	17	6.0%	4	4
25,100	10,671	14,429	135.2%	69	59	60	59	1	1.7%	-18	-7
166,120	104,885	61,235	58.4%	-8	-5	349	363	-14	-3.9%	0	0
162,639	100,618	62,021	61.6%	-7	-3	617	685	-68	-9.9%	1	0
28,405	15,252	13,154	86.2%	19	-3	188	225	-37	-16.4%	-12	-7
56,322	25,638	30,684	119.7%	23	7	34	30	4	13.3%	-26	-11
39,525	20,147	19,378	96.2%	20	5	156	188	-32	-17.0%	-13	-5
21,283	7,993	13,290	166.3%	90	12	20	15	5	33.3%	-22	-11

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 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	Pennsylvania State University - University Park	629,855	255,833	374,022	146.2%	20	-1
Private	Princeton University	7,538,390	3,791,155	3,747,234	98.8%	0	0
Public	Purdue University - West Lafayette	995,749	550,235	445,514	81.0%	-3	-3
Private	Rensselaer Polytechnic Institute	481,003	307,517	173,487	56.4%	-9	1
Private	Rice University	2,663,756	1,406,249	1,257,508	89.4%	-3	-2
Private	Rockefeller University	1,167,147	627,701	539,447	85.9%	2	2
Private	Rush University	264,856	236,000	28,856	12.2%	-47	-18
Public	Rutgers the State University of NJ - New Brunswick	322,389	193,180	129,210	66.9%	-9	-11
Private	Saint Louis University - St. Louis	627,135	313,669	313,466	99.9%	9	14
Public	San Diego State University	53,580	26,581	26,999	101.6%	-1	-12
Private	Stanford University	6,898,139	3,025,576	3,872,563	128.0%	0	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	31,082	17,546	13,536	77.1%	-52	-22
Public	Stony Brook University	36,624	11,876	24,748	208.4%	20	13
Private	Syracuse University	596,004	262,338	333,666	127.2%	14	16
Public	Temple University	127,909	93,449	34,460	36.9%	-41	-27
Public	Texas A&M University	3,174,849	2,213,699	961,150	43.4%	-4	0
Private	Thomas Jefferson University	161,801	235,736	-73,935	-31.4%	-105	-54
Private	Tufts University	590,603	239,006	351,597	147.1%	21	20
Private	Tulane University	544,533	313,472	231,062	73.7%	0	7
Public	University at Albany	12,176	2,988	9,188	307.4%	-96	-15
Public	University at Buffalo	351,763	205,949	145,814	70.8%	-5	-10
Public	University of Alabama - Birmingham	227,599	104,646	122,953	117.5%	20	-3
Public	University of Alabama - Huntsville	16,985	8,485	8,500	100.2%	-90	-22
Public	University of Alabama - Tuscaloosa	321,583	169,696	151,887	89.5%	-1	-5
Public	University of Alaska - Fairbanks	31,566	21,856	9,710	44.4%	-84	-38
Public	University of Arizona	264,926	78,742	186,184	236.4%	79	19
Public	University of Arkansas - Fayetteville	516,349	83,169	433,180	520.8%	129	42
Public	University of Arkansas for Medical Sciences	NR	NR				
Public	University of California - Berkeley	1,607,603	723,920	883,683	122.1%	4	2
Public	University of California - Davis	363,198	127,751	235,447	184.3%	53	10
Public	University of California - Irvine	106,815	42,584	64,231	150.8%	49	4
Public	University of California - Los Angeles	1,109,083	447,127	661,956	148.0%	14	3
Public	University of California - Riverside	59,695	21,292	38,403	180.4%	51	3
Public	University of California - San Diego	234,898	85,167	149,731	175.8%	52	9
Public	University of California - San Francisco	722,537	255,501	467,036	182.8%	25	2
Public	University of California - Santa Barbara	73,240	21,292	51,948	244.0%	90	15
Public	University of California - Santa Cruz	62,305	21,292	41,013	192.6%	57	6
Public	University of Central Florida	47,603	23,866	23,737	99.5%	-11	-16
Private	University of Chicago	2,949,689	1,346,256	1,603,433	119.1%	3	3
Public	University of Cincinnati - Cincinnati	810,081	422,079	388,003	91.9%	3	-3
Public	University of Colorado - Boulder	178,368	82,277	96,091	116.8%	22	-2
Public	University of Colorado Health Sciences Center	102,904	41,138	61,766	150.1%	44	3
Public	University of Connecticut - Health Center	46,938	13,439	33,499	249.3%	59	22
Public	University of Connecticut - Storrs	95,298	31,358	63,940	203.9%	80	9
Private	University of Dayton	230,831	101,425	129,406	127.6%	25	26
Public	University of Delaware	786,699	492,126	294,573	59.9%	-12	-7
Public	University of Florida	528,625	311,993	216,632	69.4%	-3	-8
Public	University of Georgia	382,199	157,218	224,982	143.1%	26	4
Public	University of Hawaii - Manoa	131,194	75,777	55,418	73.1%	-6	-11
Public	University of Houston - University Park	266,537	197,202	69,334	35.2%	-28	-21
Public	University of Idaho	114,527	55,541	58,986	106.2%	22	-4
Public	University of Illinois - Chicago	95,896	44,082	51,814	117.5%	24	-2
Public	University of Illinois - Urbana-Champaign	551,403	217,018	334,385	154.1%	24	2
Public	University of Iowa	595,926	183,570	412,356	224.6%	44	11
Public	University of Kansas - Lawrence	530,747	292,891	237,856	81.2%	2	-5
Public	University of Kansas Medical Center	132,687	73,223	59,464	81.2%	2	-7
Public	University of Kentucky	360,413	120,522	239,892	199.0%	53	10
Public	University of Louisville	433,947	173,209	260,738	150.5%	27	6

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2002 Annual Giving x \$1000	1993 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2002 Doctorates Awarded	1993 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
127,698	63,932	63,766	99.7%	6	2	519	495	24	4.8%	3	1
167,831	94,641	73,189	77.3%	-2	-1	230	249	-19	-7.6%	-2	-2
148,600	53,224	95,377	179.2%	18	11	409	504	-95	-18.8%	-9	-6
51,799	30,276	21,523	71.1%	-12	1	115	134	-19	-14.2%	-21	-11
53,907	50,032	3,874	7.7%	-33	-9	106	108	-2	-1.9%	-17	-9
82,688	33,057	49,631	150.1%	21	11	30	19	11	57.9%	6	7
26,821	31,902	-5,082	-15.9%	-67	-21	32	22	10	45.5%	0	3
67,629	33,999	33,630	98.9%	7	4	363	376	-13	-3.5%	-4	-3
21,846	NR					110	102	8	7.8%	-6	-5
47,757	17,557	30,200	172.0%	42	17	36	19	17	89.5%	25	11
412,067	205,738	206,329	100.3%	1	1	548	581	-33	-5.7%	-1	0
2,301	NR					10	0	10		78	10
16,824	14,120	2,703	19.1%	-37	-24	361	283	78	27.6%	15	12
35,143	26,755	8,388	31.4%	-11	-1	129	190	-61	-32.1%	-28	-13
29,809	20,118	9,691	48.2%	-1	-10	226	282	-56	-19.9%	-10	-6
107,105	101,729	5,376	5.3%	-21	-15	504	496	8	1.6%	1	-1
28,907	14,174	14,733	103.9%	34	33	5	12	-7	-58.3%	-138	-89
74,529	37,173	37,356	100.5%	8	3	96	89	7	7.9%	-2	-5
48,184	40,051	8,133	20.3%	-37	-11	136	87	49	56.3%	34	14
20,803	5,535	15,268	275.8%	184	38	159	152	7	4.6%	2	5
23,106	13,942	9,164	65.7%	12	-7	231	320	-89	-27.8%	-17	-13
46,661	23,411	23,250	99.3%	8	-3	125	108	17	15.7%	2	1
3,120	1,162	1,958	168.5%	220	40	34	32	2	6.3%	-33	-15
49,445	27,823	21,622	77.7%	-5	-9	157	134	23	17.2%	8	9
3,425	NR					19	10	9	90.0%	5	-4
108,448	48,609	59,839	123.1%	12	6	370	373	-3	-0.8%	-2	-1
57,682	24,049	33,633	139.9%	29	10	106	117	-11	-9.4%	-25	-12
NR	NR					16	2	14	700.0%	90	17
202,297	145,028	57,269	39.5%	-7	-4	805	810	-5	-0.6%	0	0
74,182	30,993	43,189	139.3%	18	11	346	306	40	13.1%	9	7
35,248	25,183	10,066	40.0%	-15	-16	175	155	20	12.9%	6	6
255,831	83,518	172,313	206.3%	18	9	593	657	-64	-9.7%	-1	-2
27,484	10,547	16,937	160.6%	79	17	116	104	12	11.5%	3	2
91,710	87,233	4,477	5.1%	-20	-16	278	280	-2	-0.7%	5	6
187,769	79,691	108,078	135.6%	7	4	84	87	-3	-3.4%	-6	-1
24,175	14,153	10,022	70.8%	13	-9	199	205	-6	-2.9%	-2	-1
12,244	5,921	6,323	106.8%	86	6	93	71	22	31.0%	18	10
6,904	3,699	3,205	86.6%	80	-8	123	33	90	272.7%	113	58
166,516	88,804	77,712	87.5%	-1	0	333	346	-13	-3.8%	-1	0
119,129	36,985	82,145	222.1%	30	17	214	226	-12	-5.3%	-5	-2
55,278	26,599	28,678	107.8%	16	3	258	299	-41	-13.7%	-4	-3
28,592	13,299	15,293	115.0%	49	7	41	33	8	24.2%	-5	-2
7,840	801	7,039	878.9%	578	158	0	NR				
31,357	7,206	24,152	335.2%	164	39	221	216	5	2.3%	2	4
23,076	NR					41	13	28	215.4%	79	48
38,984	23,247	15,737	67.7%	4	-5	137	144	-7	-4.9%	-8	-4
162,491	88,086	74,405	84.5%	-4	-3	607	372	235	63.2%	21	12
52,402	47,534	4,868	10.2%	-32	-23	393	352	41	11.6%	8	5
16,554	NR					110	147	-37	-25.2%	-34	-19
29,269	38,416	-9,147	-23.8%	-68	-48	183	204	-21	-10.3%	-6	-3
21,707	10,436	11,271	108.0%	47	5	58	58	0	0.0%	-21	-12
67,649	28,397	39,251	138.2%	24	12	177	247	-70	-28.3%	-20	-12
117,390	85,192	32,198	37.8%	-9	-7	602	705	-103	-14.6%	-5	-5
77,254	49,347	27,907	56.6%	-3	-2	320	331	-11	-3.3%	-2	-2
52,047	30,000	22,047	73.5%	-7	-11	204	193	11	5.7%	5	6
13,012	7,500	5,512	73.5%	23	-11	20	20	0	0.0%	-47	-18
55,234	33,840	21,394	63.2%	-9	-9	216	192	24	12.5%	10	10
34,396	23,542	10,853	46.1%	-13	-16	90	54	36	66.7%	40	20

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2002 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 Maine - Orono	106,765	84,568	22,197	26.2%	-68	-33
Public	University of Maryland - Baltimore	123,179	46,740	76,439	163.5%	72	10
Public	University of Maryland - Baltimore County	12,318	1,417	10,901	769.5%	-84	-4
Public	University of Maryland - College Park	262,781	89,230	173,550	194.5%	51	8
Public	University of Massachusetts - Amherst	64,328	34,481	29,847	86.6%	-4	-14
Public	University of Massachusetts Medical Sch - Worcester	40,936	21,942	18,994	86.6%	-26	-17
Public	University of Medicine & Dentistry of New Jersey	141,685	58,715	82,970	141.3%	52	9
Private	University of Miami	386,864	263,636	123,228	46.7%	-18	-4
Public	University of Michigan - Ann Arbor	2,936,363	1,061,393	1,874,970	176.7%	3	0
Public	University of Minnesota - Twin Cities	1,360,413	721,503	638,911	88.6%	2	1
Public	University of Mississippi - Oxford	257,395	53,983	203,412	376.8%	144	41
Public	University of Missouri - Columbia	345,384	181,688	163,696	90.1%	1	-5
Public	University of Nebraska - Lincoln	522,637	187,591	335,045	178.6%	31	5
Public	University of Nebraska Medical Center	125,433	74,441	50,992	68.5%	-8	-12
Public	University of Nevada - Reno	108,045	65,150	42,895	65.8%	-19	-14
Public	University of New Hampshire - Durham	123,351	53,582	69,769	130.2%	49	8
Public	University of New Mexico - Albuquerque	154,789	114,131	40,658	35.6%	-39	-28
Public	University of North Carolina - Chapel Hill	970,227	254,945	715,282	280.6%	43	8
Private	University of Notre Dame	2,314,183	966,733	1,347,450	139.4%	-1	-1
Public	University of Oklahoma - Norman	361,357	153,986	207,371	134.7%	21	3
Public	University of Oklahoma Health Sciences Center	154,868	65,994	88,874	134.7%	44	6
Public	University of Oregon	206,582	77,711	128,871	165.8%	50	8
Private	University of Pennsylvania	3,074,666	1,610,754	1,463,912	90.9%	0	0
Public	University of Pittsburgh - Pittsburgh	1,045,061	425,625	619,436	145.5%	16	3
Public	University of Rhode Island	48,156	19,741	28,415	143.9%	30	4
Private	University of Rochester	1,034,514	686,785	347,729	50.6%	-6	-4
Public	University of South Carolina - Columbia	265,090	86,141	178,950	207.7%	64	13
Public	University of South Florida	222,722	72,005	150,717	209.3%	71	17
Private	University of Southern California	1,930,878	870,411	1,060,467	121.8%	-1	-1
Public	University of Tennessee - Knoxville	404,980	72,532	332,448	458.3%	136	45
Public	University of Tennessee Health Science Center	111,902	61,653	50,250	81.5%	-5	-12
Public	University of Texas - Austin	1,224,284	741,933	482,351	65.0%	-2	-2
Public	University of Texas Health Science Center - Houston	79,671	20,915	58,756	280.9%	114	25
Public	University of Texas Health Science Ctr - San Antonio	205,503	20,118	185,384	921.5%	281	78
Public	University of Texas MD Anderson Cancer Center	238,887	85,013	153,873	181.0%	55	11
Public	University of Texas Medical Branch - Galveston	268,113	135,235	132,878	98.3%	15	-6
Public	University of Texas SW Medical Center - Dallas	656,187	228,404	427,783	187.3%	34	4
Public	University of Utah	294,142	126,625	167,517	132.3%	28	-1
Public	University of Vermont	173,820	105,531	68,289	64.7%	-17	-19
Public	University of Virginia	1,528,251	797,153	731,098	91.7%	-2	-1
Public	University of Washington - Seattle	1,007,335	327,431	679,903	207.6%	33	5
Public	University of Wisconsin - Madison	906,877	416,852	490,024	117.6%	9	0
Public	University of Wyoming	117,315	85,843	31,473	36.7%	-51	-27
Public	US Naval Postgraduate School	NR	NR				
Public	Utah State University	67,345	27,590	39,755	144.1%	36	-2
Private	Vanderbilt University	1,829,970	922,141	907,830	98.4%	-3	-3
Public	Virginia Commonwealth University	167,744	96,952	70,792	73.0%	-11	-16
Public	Virginia Polytechnic Institute and State University	297,817	181,593	116,223	64.0%	-12	-10
Private	Wake Forest University	663,782	442,616	221,165	50.0%	-10	-3
Public	Washington State University - Pullman	428,789	247,938	180,851	72.9%	-5	-8
Private	Washington University	3,186,848	1,911,579	1,275,269	66.7%	0	-1
Public	Wayne State University	134,718	69,458	65,260	94.0%	14	-2
Public	West Virginia University	246,432	114,659	131,773	114.9%	19	-6
Private	Woods Hole Oceanographic Institution	212,571	149,218	63,353	42.5%	-31	-8
Private	Yale University	9,535,434	3,881,547	5,653,887	145.7%	0	0
Private	Yeshiva University	782,889	345,344	437,544	126.7%	14	17

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2002 Annual Giving x \$1000	1993 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2002 Doctorates Awarded	1993 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
9,630	10,463	-833	-8.0%	-101	-46	39	40	-1	-2.5%	-32	-12
37,979	11,182	26,797	239.6%	102	34	81	59	22	37.3%	20	7
9,506	1,220	8,285	678.9%	536	123	53	49	4	8.2%	-13	-6
65,492	21,888	43,604	199.2%	49	25	430	490	-60	-12.2%	-1	-1
20,135	14,125	6,011	42.6%	-21	-22	287	370	-83	-22.4%	-15	-10
NR	NR					14	12	2	16.7%	-43	-22
16,310	NR					66	107	-41	-38.3%	-56	-28
78,126	62,611	15,515	24.8%	-12	-3	116	151	-35	-23.2%	-24	-11
146,229	106,148	40,081	37.8%	-15	-8	610	654	-44	-6.7%	3	2
211,428	137,402	74,026	53.9%	-4	-1	560	627	-67	-10.7%	0	-1
94,807	11,940	82,867	694.0%	155	69	84	77	7	9.1%	3	2
81,856	28,683	53,173	185.4%	34	16	252	260	-8	-3.1%	3	3
58,367	27,428	30,939	112.8%	20	8	213	221	-8	-3.6%	-3	-1
32,646	10,884	21,762	199.9%	90	26	27	12	15	125.0%	32	5
13,152	19,731	-6,579	-33.3%	-123	-53	72	32	40	125.0%	66	35
13,114	6,618	6,496	98.2%	65	0	55	50	5	10.0%	-11	-4
32,097	18,212	13,885	76.2%	11	0	189	164	25	15.2%	10	8
163,656	72,066	91,590	127.1%	5	6	390	388	2	0.5%	-1	-2
114,853	68,743	46,110	67.1%	-2	1	116	111	5	4.5%	-5	-3
61,233	23,298	37,936	162.8%	40	18	158	137	21	15.3%	7	8
21,514	9,985	11,529	115.5%	53	5	17	19	-2	-10.5%	-64	-26
60,837	22,560	38,277	169.7%	42	20	137	237	-100	-42.2%	-42	-26
289,718	215,885	73,834	34.2%	-3	-3	380	506	-126	-24.9%	-13	-4
68,182	37,404	30,778	82.3%	2	2	336	333	3	0.9%	1	0
13,686	9,940	3,746	37.7%	-15	-16	77	98	-21	-21.4%	-30	-14
52,059	36,985	15,074	40.8%	-22	-4	185	224	-39	-17.4%	-12	-5
58,203	27,080	31,123	114.9%	20	7	253	281	-28	-10.0%	-1	0
36,986	14,056	22,930	163.1%	61	19	165	108	57	52.8%	27	20
530,215	124,074	406,141	327.3%	10	7	496	415	81	19.5%	5	3
63,054	21,214	41,839	197.2%	50	25	276	249	27	10.8%	9	9
8,598	7,889	709	9.0%	-85	-44	NR	25				
140,728	75,932	64,796	85.3%	-1	0	639	686	-47	-6.9%	1	0
31,600	6,985	24,616	352.4%	178	44	82	59	23	39.0%	21	8
26,657	21,213	5,443	25.7%	-23	-22	34	11	23	209.1%	62	19
52,403	38,159	14,244	37.3%	-24	-19	0	NR				
37,187	36,151	1,036	2.9%	-39	-27	40	21	19	90.5%	35	16
106,518	66,190	40,328	60.9%	-4	-6	48	37	11	29.7%	-2	1
115,763	60,372	55,392	91.8%	4	0	218	211	7	3.3%	3	4
25,044	12,963	12,081	93.2%	38	1	54	53	1	1.9%	-19	-9
231,095	77,060	154,035	199.9%	16	10	321	315	6	1.9%	4	3
210,047	113,485	96,562	85.1%	-3	-1	452	416	36	8.7%	3	1
278,367	163,560	114,807	70.2%	0	0	650	676	-26	-3.8%	4	3
15,731	7,710	8,021	104.0%	55	0	55	50	5	10.0%	-11	-4
NR	NR					NR	7				
10,816	7,040	3,776	53.6%	4	-22	69	91	-22	-24.2%	-35	-18
179,874	67,036	112,839	168.3%	14	7	190	215	-25	-11.6%	-6	-3
26,966	14,785	12,181	82.4%	18	-4	108	102	6	5.9%	-9	-3
65,764	36,586	29,178	79.8%	3	1	326	369	-43	-11.7%	-7	-4
53,223	34,763	18,460	53.1%	-15	-2	24	18	6	33.3%	-19	-11
36,015	37,508	-1,493	-4.0%	-50	-34	161	163	-2	-1.2%	-3	3
124,340	69,019	55,322	80.2%	0	0	173	147	26	17.7%	8	0
NR	19,706					202	299	-97	-32.4%	-24	-18
52,051	22,871	29,180	127.6%	21	5	142	97	45	46.4%	27	17
12,504	4,194	8,310	198.2%	181	150	NR	NR				
232,271	176,311	55,961	31.7%	-6	-4	310	369	-59	-16.0%	-11	-3
55,841	NR					109	99	10	10.1%	-5	-5

Change: Students		SAT Scores					
		2001 SAT Range (V; Q) or ACT Range	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	490-600; 500-610	1080	20	1.9%	35	22
Public	Auburn University	490-600; 510-610	1145	-40	-3.5%	-154	-34
Private	Baylor College of Medicine	NA					
Private	Boston College	600-690; 620-700	1290	15	1.2%	-10	-10
Private	Boston University	600-680; 610-690	1235	55	4.5%	40	30
Private	Brandeis University	620-710; 620-720	1300	35	2.7%	5	4
Private	Brown University	640-750; 650-740	1380	10	0.7%	-6	-6
Private	California Institute of Technology	700-780; 760-800	1490	30	2.0%	0	0
Private	Carnegie Mellon University	600-700; 680-770	1335	40	3.0%	7	7
Private	Case Western Reserve University	600-710; 640-730	1345	-5	-0.4%	-16	-16
Private	Charles R. Drew University of Medicine and Science	NA					
Public	Clemson University	530-630; 560-650	1130	55	4.9%	92	23
Public	Colorado State University	500-600; 510-610	1110	0	0.0%	-54	-7
Private	Columbia University	660-760; 660-750	1375	40	2.9%	5	5
Private	Cornell University	620-720; 650-750	1345	25	1.9%	-1	-1
Private	Dartmouth College	660-750; 670-760	1415	5	0.4%	-1	-1
Public	Desert Research Institute	NA					
Private	Drexel University	510-610; 540-640	1115	45	4.0%	73	56
Private	Duke University	650-740; 670-760	1380	30	2.2%	0	0
Private	Emory University	640-720; 660-740	1315	65	4.9%	17	16
Public	Florida A&M University	460-570; 450-560					
Public	Florida International University	530-600; 520-600	1155	-30	-2.6%	-116	-22
Public	Florida State University	530-630; 530-640	1175	-10	-0.9%	-55	-13
Public	George Mason University	480-580; 490-590	1080	-10	-0.9%	-78	-19
Private	George Washington University	570-660; 580-670	1235	5	0.4%	-10	-8
Private	Georgetown University	640-730; 650-730	1305	70	5.4%	20	19
Public	Georgia Institute of Technology	600-690; 650-730	1320	15	1.1%	-6	-1
Private	Harvard University	700-790; 700-780	1465	20	1.4%	0	0
Private	Howard University	440-670; 410-660					
Public	Indiana University - Bloomington	490-600; 490-610					
Public	Indiana University-Purdue University - Indianapolis	430-550; 430-540	930	45	4.8%	-12	0
Public	Iowa State University	510-660; 550-690	1125	80	7.1%	142	35
Public	Jackson State University	16-20	830	40	4.8%	-173	-62
Private	Johns Hopkins University	640-730; 680-760	1365	40	2.9%	4	4
Public	Kansas State University	20-26	1070	0	0.0%	-47	-8
Private	Loma Linda University	NA					
Public	Louisiana State University - Baton Rouge	21-26	1130	-40	-3.5%	-168	-46
Public	Louisiana State University Health Sciences Center	NA					
Private	Loyola University Chicago	530-630; 520-630	1145	10	0.9%	-11	-10
Private	Massachusetts Institute of Technology	680-760; 730-800	1460	25	1.7%	1	1
Private	MCP Hahnemann University	NA					
Public	Medical College of Georgia	NA					
Private	Medical College of Wisconsin	NA					
Public	Medical University of South Carolina	NA					
Public	Michigan State University	490-610; 510-640	1095	30	2.7%	54	26
Public	Mississippi State University	20-27	1070	20	1.9%	32	17
Public	Montana State University - Bozeman	490-590; 500-610	1095	0	0.0%	-42	-3
Private	Mount Sinai School of Medicine	NA					
Public	New Mexico State University - Las Cruces	18-23	1010	-40	-4.0%	-320	-132
Private	New York University	630-710; 600-710	1280	45	3.5%	15	9
Public	North Carolina State University	530-630; 550-660	1170	15	1.3%	-7	4
Private	Northeastern University	520-620; 540-640	1100	60	5.5%	124	91
Private	Northwestern University	640-730; 660-750	1320	70	5.3%	17	17
Public	Ohio State University - Columbus	520-630; 540-660	1090	85	7.8%	197	58
Public	Oklahoma State University - Stillwater	490-620; 500-630	1145	-25	-2.2%	-109	-21
Public	Oregon Health & Science University	NA					
Public	Oregon State University	470-590; 480-610					
Public	Pennsylvania State University - Hershey Medical Ctr	NA					

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

National Merit and Achievement Scholars						Headcount Enrollment			
2002 National Merit Scholars	1993 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2001 Total Student Headcount	Fall 1992 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
103	25	78	312.0%	61	31	45,693	43,628	2,065	4.70%
29	24	5	20.8%	2	4	22,469	21,551	918	4.30%
						1,211	1,076	135	12.50%
15	12	3	25.0%	13	5	14,308	14,450	-142	-1.00%
49	51	-2	-3.9%	-14	-9	27,756	28,375	-619	-2.20%
36	14	22	157.1%	56	29	4,882	3,848	1,034	26.90%
82	65	17	26.2%	-2	1	7,774	7,593	181	2.40%
57	28	29	103.6%	37	17	2,058	2,009	49	2.40%
22	18	4	22.2%	16	6	8,588	7,139	1,449	20.30%
50	76	-26	-34.2%	-30	-15	9,216	9,059	157	1.70%
						95	240	-145	-60.40%
38	20	18	90.0%	40	24	17,101	17,666	-565	-3.20%
9	4	5	125.0%	63	27	28,103	27,306	797	2.90%
63	30	33	110.0%	39	20	19,710	19,290	420	2.20%
44	58	-14	-24.1%	-26	-15	20,155	20,995	-840	-4.00%
54	50	4	8.0%	-1	0	5,495	5,017	478	9.50%
						NR	NR		
1	8	-7	-87.5%	-116	-75	13,546	11,055	2,491	22.50%
123	104	19	18.3%	0	-1	11,926	11,426	500	4.40%
60	52	8	15.4%	4	2	11,443	9,958	1,485	14.90%
20	46	-26	-56.5%	-54	-29	12,316	9,487	2,829	29.80%
1	0	1		114	48	31,727	23,093	8,634	37.40%
27	54	-27	-50.0%	-51	-24	34,982	28,424	6,558	23.10%
0	2	-2	-100.0%	-144	-47	24,897	20,829	4,068	19.50%
38	67	-29	-43.3%	-37	-20	22,184	18,600	3,584	19.30%
34	34	0	0.0%	-9	-4	12,688	12,075	613	5.10%
116	137	-21	-15.3%	-8	-2	15,575	12,814	2,761	21.50%
455	473	-18	-3.8%	0	0	24,474	25,012	-538	-2.20%
54	37	17	45.9%	17	9	11,004	10,667	337	3.20%
8	21	-13	-61.9%	-65	-23	37,963	36,071	1,892	5.20%
0	0	0	0.0%	6	14	28,339	28,342	-3	0.00%
99	75	24	32.0%	-3	-2	27,823	25,695	2,128	8.30%
1	2	-1	-50.0%	-36	-13	7,098	6,203	895	14.40%
58	55	3	5.5%	0	0	17,826	14,506	3,320	22.90%
9	16	-7	-43.8%	-39	-10	22,396	20,451	1,945	9.50%
	0					3,162	2,821	341	12.10%
44	22	22	100.0%	39	24	32,059	27,358	4,701	17.20%
						NR	2,907		
9	2	7	350.0%	96	58	13,019	15,298	-2,279	-14.90%
153	123	30	24.4%	-2	-3	10,197	9,798	399	4.10%
						2,579	2,379	200	8.40%
						1,939	4,117	-2,178	-52.90%
						1,235	1,197	38	3.20%
						2,297	2,290	7	0.30%
51	56	-5	-8.9%	-12	-6	44,227	39,138	5,089	13.00%
37	18	19	105.6%	43	23	16,878	14,619	2,259	15.50%
4	0	4		187	81	11,670	10,537	1,133	10.80%
						610	518	92	17.80%
0	0	0	0.0%	6	14	15,224	15,500	-276	-1.80%
114	47	67	142.6%	25	16	37,134	33,695	3,439	10.20%
29	12	17	141.7%	52	27	29,286	27,766	1,520	5.50%
0	10	-10	-100.0%	-244	-161	23,422	27,586	-4,164	-15.10%
109	113	-4	-3.5%	-8	-6	17,000	17,285	-285	-1.60%
119	107	12	11.2%	-3	0	48,477	52,179	-3,702	-7.10%
13	26	-13	-50.0%	-51	-20	22,008	19,602	2,406	12.30%
						1,976	1,388	588	42.40%
7	3	4	133.3%	61	24	18,013	14,355	3,658	25.50%
						649	557	92	16.50%

Change: Students		SAT Scores					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 SAT Range (V; Q) or ACT Range	1995 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Pennsylvania State University - University Park	530-630; 560-660	1195	-5	-0.4%	-33	-5
Private	Princeton University	680-770; 700-790	1445	25	1.7%	2	2
Public	Purdue University - West Lafayette	500-600; 520-650	1095	40	3.7%	80	31
Private	Rensselaer Polytechnic Institute	580-680; 650-720	1275	40	3.1%	11	6
Private	Rice University	650-750; 670-770	1425	-5	-0.4%	-3	-3
Private	Rockefeller University	NA					
Private	Rush University	NA					
Public	Rutgers the State University of NJ - New Brunswick	520-630; 550-660	1210	-30	-2.5%	-78	-18
Private	Saint Louis University - St. Louis	540-650; 550-660	1160	40	3.4%	45	30
Public	San Diego State University	450-560; 470-580	945	85	9.0%	275	120
Private	Stanford University	670-770; 690-780	1430	25	1.7%	0	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA					
Public	Stony Brook University	500-600; 540-650	1085	60	5.5%	154	50
Private	Syracuse University	540-640; 570-660	1180	25	2.1%	19	12
Public	Temple University	470-580; 460-570	1025	15	1.5%	8	8
Public	Texas A&M University	520-630; 550-660	1175	5	0.4%	-19	-2
Private	Thomas Jefferson University	NA					
Private	Tufts University	590-700; 620-710	1295	15	1.2%	-13	-12
Private	Tulane University	630-710; 610-700	1275	50	3.9%	19	13
Public	University at Albany	500-600; 520-610	1165	-50	-4.3%	-179	-39
Public	University at Buffalo	500-600; 520-630	1145	-20	-1.7%	-87	-14
Public	University of Alabama - Birmingham	19-25	990	40	4.0%	107	44
Public	University of Alabama - Huntsville	490-620; 500-630	1150	-30	-2.6%	-123	-25
Public	University of Alabama - Tuscaloosa	490-610; 490-640	1070	30	2.8%	66	33
Public	University of Alaska - Fairbanks	450-590; 440-580	1060	-30	-2.8%	-179	-59
Public	University of Arizona	480-600; 490-620	1090	5	0.5%	-24	4
Public	University of Arkansas - Fayetteville	500-640; 510-640	1050	95	9.0%	279	98
Public	University of Arkansas for Medical Sciences	NA					
Public	University of California - Berkeley	560-700; 610-740	1305	0	0.0%	-21	-3
Public	University of California - Davis	500-620; 560-660	1155	15	1.3%	-1	1
Public	University of California - Irvine	520-610; 550-670	1105	70	6.3%	145	39
Public	University of California - Los Angeles	560-680; 600-720	1220	60	4.9%	46	13
Public	University of California - Riverside	450-570; 490-620	1070	-5	-0.5%	-70	-18
Public	University of California - San Diego	560-660; 610-710	1180	90	7.6%	95	28
Public	University of California - San Francisco	NA					
Public	University of California - Santa Barbara	530-630; 560-670	1115	80	7.2%	149	39
Public	University of California - Santa Cruz	510-630; 520-630	1130	15	1.3%	-2	1
Public	University of Central Florida	510-600; 520-610	1120	0	0.0%	-50	-8
Private	University of Chicago	650-750; 650-740	1370	25	1.8%	0	0
Public	University of Cincinnati - Cincinnati	460-590; 460-610	1105	-45	-4.1%	-214	-66
Public	University of Colorado - Boulder	540-640; 530-620	1155	10	0.9%	-12	-4
Public	University of Colorado Health Sciences Center	NA					
Public	University of Connecticut - Health Center	NA					
Public	University of Connecticut - Storrs	510-610; 530-630	1115	25	2.2%	24	10
Private	University of Dayton	520-630; 530-650	1185	-20	-1.7%	-74	-57
Public	University of Delaware	530-610; 550-630	1150	10	0.9%	-13	-4
Public	University of Florida	550-650; 570-670	1255	-35	-2.8%	-42	-7
Public	University of Georgia	560-650; 560-650	1200	10	0.8%	1	1
Public	University of Hawaii - Manoa	470-570; 510-610	1075	5	0.5%	-29	-6
Public	University of Houston - University Park	450-560; 470-590	1120	-85	-7.6%	-384	-127
Public	University of Idaho	480-610; 490-610	1090	5	0.5%	-24	4
Public	University of Illinois - Chicago	21-26	1065	25	2.3%	69	35
Public	University of Illinois - Urbana-Champaign	550-670; 600-720	1250	20	1.6%	7	5
Public	University of Iowa	530-650; 540-670	1170	25	2.1%	11	8
Public	University of Kansas - Lawrence	22-28	1070	70	6.5%	185	61
Public	University of Kansas Medical Center	NA					
Public	University of Kentucky	500-640; 510-630	1125	0	0.0%	-45	-6
Public	University of Louisville	18-25	1050	-40	-3.8%	-247	-85

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

National Merit and Achievement Scholars						Headcount Enrollment			
2002 National Merit Scholars	1993 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2001 Total Student Headcount	Fall 1992 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
32	23	9	39.1%	16	10	40,828	38,446	2,382	6.20%
179	162	17	10.5%	-1	-1	6,668	6,564	104	1.60%
90	11	79	718.2%	117	54	39,882	37,746	2,136	5.70%
20	15	5	33.3%	20	9	8,084	6,988	1,096	15.70%
173	263	-90	-34.2%	-8	-6	4,367	4,251	116	2.70%
						NR	132		
						1,268	1,301	-33	-2.50%
9	25	-16	-64.0%	-73	-27	35,650	33,577	2,073	6.20%
10	13	-3	-23.1%	-16	-14	13,521	14,537	-1,016	-7.00%
0	0	0	0.0%	6	14	34,171	30,887	3,284	10.60%
268	172	96	55.8%	2	1	18,591	15,674	2,917	18.60%
						1,451	1,711	-260	-15.20%
3	0	3		169	72	20,855	17,125	3,730	21.80%
2	6	-4	-66.7%	-69	-45	18,072	20,496	-2,424	-11.80%
1	1	0	0.0%	1	8	29,872	30,229	-357	-1.20%
160	183	-23	-12.6%	-8	-2	44,618	41,710	2,908	7.00%
						2,248	2,685	-437	-16.30%
58	22	36	163.6%	60	28	9,082	7,896	1,186	15.00%
53	45	8	17.8%	3	3	11,825	10,869	956	8.80%
1	1	0	0.0%	1	8	17,204	19,001	-1,797	-9.50%
1	1	0	0.0%	1	8	25,838	25,357	481	1.90%
9	1	8	800.0%	133	59	14,695	15,735	-1,040	-6.60%
1	2	-1	-50.0%	-36	-13	6,754	8,026	-1,272	-15.80%
52	43	9	20.9%	3	0	19,130	19,233	-103	-0.50%
2	13	-11	-84.6%	-125	-42	7,142	8,116	-974	-12.00%
58	36	22	61.1%	25	12	35,747	35,118	629	1.80%
39	31	8	25.8%	7	6	15,752	14,582	1,170	8.00%
						1,936	1,734	202	11.60%
67	57	10	17.5%	1	0	32,128	30,616	1,512	4.90%
21	23	-2	-8.7%	-4	1	27,292	22,880	4,412	19.30%
17	5	12	240.0%	91	36	21,885	17,181	4,704	27.40%
94	58	36	62.1%	4	1	37,494	35,403	2,091	5.90%
1	5	-4	-80.0%	-86	-30	14,429	8,799	5,630	64.00%
51	46	5	10.9%	-1	-3	21,558	18,239	3,319	18.20%
						3,574	3,746	-172	-4.60%
13	8	5	62.5%	41	18	20,373	18,651	1,722	9.20%
3	5	-2	-40.0%	-31	-6	13,170	10,251	2,919	28.50%
25	9	16	177.8%	74	32	35,850	21,873	13,977	63.90%
197	103	94	91.3%	11	7	12,883	11,286	1,597	14.20%
16	14	2	14.3%	8	4	27,289	28,779	-1,490	-5.20%
3	6	-3	-50.0%	-48	-13	30,063	28,524	1,539	5.40%
						2,523	2,251	272	12.10%
						471	457	14	3.10%
3	4	-1	-25.0%	-14	0	19,876	24,131	-4,255	-17.60%
16	23	-7	-30.4%	-25	-15	10,252	10,778	-526	-4.90%
12	20	-8	-40.0%	-32	-9	20,949	21,136	-187	-0.90%
237	151	86	57.0%	5	2	46,515	36,447	10,068	27.60%
56	39	17	43.6%	13	6	32,317	28,493	3,824	13.40%
0	1	-1	-100.0%	-107	-26	17,532	19,799	-2,267	-11.50%
21	76	-55	-72.4%	-75	-36	33,007	33,022	-15	0.00%
8	1	7	700.0%	125	54	12,067	11,435	632	5.50%
2	3	-1	-33.3%	-19	-6	24,955	25,335	-380	-1.50%
32	41	-9	-22.0%	-23	-12	39,291	38,396	895	2.30%
47	39	8	20.5%	-1	1	28,768	28,145	623	2.20%
100	42	58	138.1%	25	11	25,782	26,457	-675	-2.60%
						2,408	2,697	-289	-10.70%
54	69	-15	-21.7%	-17	-9	23,901	23,701	200	0.80%
11	14	-3	-21.4%	-16	-4	19,682	21,987	-2,305	-10.50%

Change: Students		SAT Scores					
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2001 SAT Range (V; Q) or ACT Range	1995 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Maine - Orono	490-590; 480-600	1100	-20	-1.8%	-127	-36
Public	University of Maryland - Baltimore	NA					
Public	University of Maryland - Baltimore County	530-630; 560-660	1190	0	0.0%	-27	-3
Public	University of Maryland - College Park	560-660; 590-690	1170	80	6.8%	89	28
Public	University of Massachusetts - Amherst	500-610; 510-620	1100	20	1.8%	14	12
Public	University of Massachusetts Medical Sch - Worcester	NA					
Public	University of Medicine & Dentistry of New Jersey	NA					
Private	University of Miami	540-640; 550-650	1145	45	3.9%	68	48
Public	University of Michigan - Ann Arbor	570-670; 610-710	1265	15	1.2%	5	6
Public	University of Minnesota - Twin Cities	530-650; 550-680	1090	115	10.6%	259	74
Public	University of Mississippi - Oxford	20-26	1050	20	1.9%	34	26
Public	University of Missouri - Columbia	24-29	1180	20	1.7%	7	4
Public	University of Nebraska - Lincoln	500-640; 520-650	1030	125	12.1%	377	124
Public	University of Nebraska Medical Center	NA					
Public	University of Nevada - Reno	460-580; 470-590	1120	-70	-6.3%	-301	-96
Public	University of New Hampshire - Durham	500-600; 510-610	1115	-5	-0.4%	-67	-14
Public	University of New Mexico - Albuquerque	460-610; 460-590	1075	-15	-1.4%	-100	-31
Public	University of North Carolina - Chapel Hill	570-680; 580-690	1225	35	2.9%	17	4
Private	University of Notre Dame	620-720; 640-730	1320	35	2.7%	4	4
Public	University of Oklahoma - Norman	22-27	1110	15	1.4%	-2	10
Public	University of Oklahoma Health Sciences Center	NA					
Public	University of Oregon	500-620; 500-610	1110	5	0.5%	-40	-4
Private	University of Pennsylvania	640-730; 670-760	1355	45	3.3%	5	5
Public	University of Pittsburgh - Pittsburgh	530-630; 630-540	1100	70	6.4%	151	42
Public	University of Rhode Island	490-600; 500-610	1080	20	1.9%	35	22
Private	University of Rochester	600-700; 620-710	1245	70	5.6%	41	28
Public	University of South Carolina - Columbia	490-600; 500-610	1075	25	2.3%	54	28
Public	University of South Florida	470-570; 470-580	1125	-80	-7.1%	-371	-119
Private	University of Southern California	600-700; 620-710	1190	125	10.5%	111	80
Public	University of Tennessee - Knoxville	480-600; 480-610	1100	-15	-1.4%	-114	-32
Public	University of Tennessee Health Science Center	NA					
Public	University of Texas - Austin	530-650; 560-680	1205	5	0.4%	-6	0
Public	University of Texas Health Science Center - Houston	NA					
Public	University of Texas Health Science Ctr - San Antonio	NA					
Public	University of Texas MD Anderson Cancer Center	NA					
Public	University of Texas Medical Branch - Galveston	NA					
Public	University of Texas SW Medical Center - Dallas	NA					
Public	University of Utah	20-26	1150	-80	-7.0%	-294	-80
Public	University of Vermont	520-610; 520-620	1115	20	1.8%	11	8
Public	University of Virginia	600-700; 610-720	1300	15	1.2%	-10	-1
Public	University of Washington - Seattle	500-620; 530-650	1145	5	0.4%	-27	-3
Public	University of Wisconsin - Madison	560-680; 590-710	1220	50	4.1%	35	10
Public	University of Wyoming	480-600; 490-610	1070	20	1.9%	32	17
Public	US Naval Postgraduate School	NA					
Public	Utah State University	460-590; 460-590	1010	40	4.0%	115	46
Private	Vanderbilt University	600-690; 630-710	1295	20	1.5%	-8	-8
Public	Virginia Commonwealth University	470-580; 450-570	1000	35	3.5%	101	42
Public	Virginia Polytechnic Institute and State University	530-630; 550-660	1155	30	2.6%	30	10
Private	Wake Forest University	610-680; 620-700	1285	20	1.6%	-8	-9
Public	Washington State University - Pullman	450-570; 460-580	1030	0	0.0%	-73	-24
Private	Washington University in St. Louis	640-730; 670-740	1280	110	8.6%	45	37
Public	Wayne State University	17-24	950	20	2.1%	-78	-28
Public	West Virginia University	460-560; 470-570					
Private	Woods Hole Oceanographic Institution	NA					
Private	Yale University	680-770; 680-770	1450	0	0.0%	-4	-4
Private	Yeshiva University	590-690; 570-670	1260	0	0.0%	-12	-12

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

National Merit and Achievement Scholars						Headcount Enrollment			
2002 National Merit Scholars	1993 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2001 Total Student Headcount	Fall 1992 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
4	3	1	33.3%	20	14	10,698	12,315	-1,617	-13.10%
						5,476	5,064	412	8.10%
7	14	-7	-50.0%	-50	-16	11,237	10,650	587	5.50%
58	24	34	141.7%	51	26	34,160	32,916	1,244	3.80%
1	2	-1	-50.0%	-36	-13	24,678	24,185	493	2.00%
						686	644	42	6.50%
						4,660	3,581	1,079	30.10%
34	32	2	6.3%	-4	-2	14,436	14,156	280	2.00%
61	59	2	3.4%	-5	-4	38,248	35,476	2,772	7.80%
38	37	1	2.7%	-5	-1	46,597	54,671	-8,074	-14.80%
23	10	13	130.0%	62	27	12,626	11,038	1,588	14.40%
21	24	-3	-12.5%	-9	-2	23,667	23,418	249	1.10%
42	18	24	133.3%	51	28	22,764	24,573	-1,809	-7.40%
						2,724	2,759	-35	-1.30%
0	2	-2	-100.0%	-144	-47	14,316	11,894	2,422	20.40%
0	4	-4	-100.0%	-177	-58	14,766	13,872	894	6.40%
3	2	1	50.0%	19	11	23,753	25,279	-1,526	-6.00%
149	33	116	351.5%	51	25	25,494	23,977	1,517	6.30%
51	38	13	34.2%	11	5	11,054	10,126	928	9.20%
168	158	10	6.3%	-3	0	25,104	21,724	3,380	15.60%
						2,862	3,102	-240	-7.70%
12	6	6	100.0%	50	20	18,956	17,285	1,671	9.70%
101	31	70	225.8%	46	23	22,326	22,418	-92	-0.40%
7	9	-2	-22.2%	-11	-2	26,710	27,852	-1,142	-4.10%
0	0	0	0.0%	6	14	14,264	15,449	-1,185	-7.70%
31	18	13	72.2%	31	15	8,351	9,686	-1,335	-13.80%
34	21	13	61.9%	28	15	23,000	26,471	-3,471	-13.10%
17	30	-13	-43.3%	-40	-18	37,221	34,145	3,076	9.00%
185	116	69	59.5%	5	2	29,813	28,586	1,227	4.30%
20	29	-9	-31.0%	-26	-12	26,033	26,579	-546	-2.10%
						2,011	2,001	10	0.50%
271	198	73	36.9%	1	0	50,616	49,253	1,363	2.80%
						3,284	3,203	81	2.50%
						2,665	2,573	92	3.60%
						48	NR		
						1,927	2,112	-185	-8.80%
						1,554	1,634	-80	-4.90%
32	34	-2	-5.9%	-13	-6	27,668	26,795	873	3.30%
1	0	1		114	48	10,078	10,885	-807	-7.40%
44	54	-10	-18.5%	-20	-8	22,739	21,535	1,204	5.60%
38	39	-1	-2.6%	-10	-4	37,412	34,597	2,815	8.10%
36	29	7	24.1%	5	3	40,922	41,824	-902	-2.20%
8	5	3	60.0%	38	16	12,366	12,044	322	2.70%
						NR	1,830		
20	21	-1	-4.8%	0	2	23,001	16,513	6,488	39.30%
140	77	63	81.8%	4	3	10,338	9,640	698	7.20%
3	0	3		169	72	25,001	21,939	3,062	14.00%
23	59	-36	-61.0%	-62	-31	28,203	26,003	2,200	8.50%
15	25	-10	-40.0%	-40	-23	6,271	5,650	621	11.00%
2	1	1	100.0%	35	21	21,073	17,871	3,202	17.90%
176	74	102	137.8%	14	8	12,187	11,572	615	5.30%
1	1	0	0.0%	1	8	31,040	34,945	-3,905	-11.20%
14	7	7	100.0%	52	22	22,774	22,712	62	0.30%
						NR	NR		
216	166	50	30.1%	1	1	11,136	10,945	191	1.70%
2	1	1	100.0%	35	14	5,999	4,899	1,100	22.50%

Institutional Characteristics				
Institutions with Over \$20 Million in Federal Research, Alphabetically		State	Highest Degree Offered	Has a Medical School
Public	Arizona State University - Tempe	AZ	Doctoral and First-Professional	
Public	Auburn University	AL	Doctoral and First-Professional	
Private	Baylor College of Medicine	TX	Doctoral and First-Professional	Yes
Private	Boston College	MA	Doctoral and First-Professional	
Private	Boston University	MA	Doctoral and First-Professional	Yes
Private	Brandeis University	MA	Doctoral	
Private	Brown University	RI	Doctoral and First-Professional	Yes
Private	California Institute of Technology	CA	Doctoral	
Private	Carnegie Mellon University	PA	Doctoral	
Private	Case Western Reserve University	OH	Doctoral and First-Professional	Yes
Private	Charles R. Drew University of Medicine and Science	NJ	Doctoral and First-Professional	
Public	Clemson University	SC	Doctoral	
Public	Colorado State University	CO	Doctoral and First-Professional	
Private	Columbia University	NY	Doctoral and First-Professional	Yes
Private	Cornell University	NY	Doctoral and First-Professional	Yes
Private	Dartmouth College	NH	Doctoral and First-Professional	Yes
Public	Desert Research Institute	NV	Non-Degree Granting	
Private	Drexel University	PA	Doctoral	
Private	Duke University	NC	Doctoral and First-Professional	Yes
Private	Emory University	GA	Doctoral and First-Professional	Yes
Public	Florida A&M University	FL	Doctoral and First-Professional	
Public	Florida International University	FL	Doctoral	
Public	Florida State University	FL	Doctoral and First-Professional	
Public	George Mason University	VA	Doctoral and First-Professional	
Private	George Washington University	DC	Doctoral and First-Professional	Yes
Private	Georgetown University	DC	Doctoral and First-Professional	Yes
Public	Georgia Institute of Technology	GA	Doctoral	
Private	Harvard University	MA	Doctoral and First-Professional	Yes
Private	Howard University	DC	Doctoral and First-Professional	Yes
Public	Indiana University - Bloomington	IN	Doctoral and First-Professional	
Public	Indiana University-Purdue University - Indianapolis	IN	Doctoral and First-Professional	Yes
Public	Iowa State University	IA	Doctoral and First-Professional	
Public	Jackson State University	MS	Doctoral	
Private	Johns Hopkins University	MD	Doctoral and First-Professional	Yes
Public	Kansas State University	KS	Doctoral and First-Professional	
Private	Loma Linda University	CA	Doctoral and First-Professional	Yes
Public	Louisiana State University - Baton Rouge	LA	Doctoral and First-Professional	
Public	Louisiana State University Health Sciences Center	LA	Doctoral and First-Professional	Yes
Private	Loyola University Chicago	IL	Doctoral and First-Professional	Yes
Private	Massachusetts Institute of Technology	MA	Doctoral and First-Professional	
Private	MCP Hahnemann University	PA	Doctoral and First-Professional	Yes
Public	Medical College of Georgia	GA	Doctoral and First-Professional	Yes
Private	Medical College of Wisconsin	WI	Doctoral and First-Professional	Yes
Public	Medical University of South Carolina	SC	Doctoral and First-Professional	Yes
Public	Michigan State University	MI	Doctoral and First-Professional	Yes
Public	Mississippi State University	MS	Doctoral and First-Professional	
Public	Montana State University - Bozeman	MT	Doctoral	
Private	Mount Sinai School of Medicine	NY	Doctoral and First-Professional	Yes
Public	New Mexico State University - Las Cruces	NM	Doctoral	
Private	New York University	NY	Doctoral and First-Professional	Yes
Public	North Carolina State University	NC	Doctoral and First-Professional	
Private	Northeastern University	MA	Doctoral and First-Professional	
Private	Northwestern University	IL	Doctoral and First-Professional	Yes
Public	Ohio State University - Columbus	OH	Doctoral and First-Professional	Yes
Public	Oklahoma State University - Stillwater	OK	Doctoral and First-Professional	
Public	Oregon Health & Science University	OR	Doctoral and First-Professional	Yes
Public	Oregon State University	OR	Doctoral and First-Professional	
Public	Pennsylvania State University - Hershey Medical Ctr	PA	Doctoral and First-Professional	Yes

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2001
	Moderate Engineering	45,693
Yes	Moderate Engineering and Life Science	22,469
	All Life Science	1,211
	Moderate Physical and Math	14,308
	Strong Life Science	27,756
	Strong Life Science	4,882
	Strong Life Science	7,774
	Strong Physical Science	2,058
	Moderate Engineering and Computer	8,588
	Heavy Life Science	9,216
	All Life Science	95
Yes	Moderate Engineering and Life Science	17,101
Yes	Moderate Life Science	28,103
	Strong Life Science	19,710
Yes	Strong Life Science	20,155
	Strong Life Science	5,495
	Heavy Environmental Science	NR
	Heavy Engineering	13,546
	Heavy Life Science	11,926
	All Life Science	11,443
Yes-1890	Strong Life Science	12,316
	Moderate Engineering	31,727
	Moderate Physical Science	34,982
	Moderate Engineering and Environmental	24,897
	Moderate Math and Life	22,184
	Heavy Life Science	12,688
	Strong Engineering	15,575
	Heavy Life Science	24,474
	Strong Life Science	11,004
	Moderate Physical and Life Science	37,963
	Heavy Life Science	28,339
Yes	Moderate Engineering and Life	27,823
	Mixed	7,098
	Moderate Engineering and Life Science	17,826
Yes	Moderate Physical and Life Science	22,396
	Heavy Life Science	3,162
Yes-System	Moderate Engineering and Life Science	32,059
No-System	All Life Science	NR
	Heavy Life Science	13,019
	Moderate Engineering and Physical	10,197
	All Life Science	2,579
	All Life Science	1,939
	All Life Science	1,235
	All Life Science	2,297
Yes	Strong Life Science	44,227
Yes	Moderate Engineering and Life Science	16,878
Yes	Moderate Physical and Life Science	11,670
	All Life Science	610
Yes	Strong Engineering	15,224
	Heavy Life Science	37,134
Yes	Moderate Engineering and Life Science	29,286
	Moderate Engineering and Physical	23,422
	Strong Life Science	17,000
Yes	Strong Life Science	48,477
Yes	Moderate Engineering and Life Science	22,008
	All Life Science	1,976
Yes	Moderate Environmental and Life Science	18,013
	All Life Science	649

Institutional Characteristics				
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Has a Medical School
Public	Pennsylvania State University - University Park	PA	Doctoral	
Private	Princeton University	NJ	Doctoral	
Public	Purdue University - West Lafayette	IN	Doctoral and First-Professional	
Private	Rensselaer Polytechnic Institute	NY	Doctoral	
Private	Rice University	TX	Doctoral	
Private	Rockefeller University	NY	Doctoral	
Private	Rush University	IL	Doctoral and First-Professional	Yes
Public	Rutgers the State University of NJ - New Brunswick	NJ	Doctoral and First-Professional	
Private	Saint Louis University - St. Louis	MO	Doctoral and First-Professional	Yes
Public	San Diego State University	CA	Doctoral	
Private	Stanford University	CA	Doctoral and First-Professional	Yes
Public	State Univ. of New York Health Science Ctr - Brooklyn	NY	Doctoral and First-Professional	Yes
Public	Stony Brook University	NY	Doctoral and First-Professional	Yes
Private	Syracuse University	NY	Doctoral and First-Professional	
Public	Temple University	PA	Doctoral and First-Professional	Yes
Public	Texas A&M University	TX	Doctoral and First-Professional	No
Private	Thomas Jefferson University	PA	Doctoral and First-Professional	Yes
Private	Tufts University	MA	Doctoral and First-Professional	Yes
Private	Tulane University	LA	Doctoral and First-Professional	Yes
Public	University at Albany	NY	Doctoral	
Public	University at Buffalo	NY	Doctoral and First-Professional	Yes
Public	University of Alabama - Birmingham	AL	Doctoral and First-Professional	Yes
Public	University of Alabama - Huntsville	AL	Doctoral	
Public	University of Alabama - Tuscaloosa	AL	Doctoral and First-Professional	
Public	University of Alaska - Fairbanks	AK	Doctoral	
Public	University of Arizona	AZ	Doctoral and First-Professional	Yes
Public	University of Arkansas - Fayetteville	AR	Doctoral and First-Professional	
Public	University of Arkansas for Medical Sciences	AR	Doctoral and First-Professional	Yes
Public	University of California - Berkeley	CA	Doctoral and First-Professional	
Public	University of California - Davis	CA	Doctoral and First-Professional	Yes
Public	University of California - Irvine	CA	Doctoral and First-Professional	Yes
Public	University of California - Los Angeles	CA	Doctoral and First-Professional	Yes
Public	University of California - Riverside	CA	Doctoral and First-Professional	
Public	University of California - San Diego	CA	Doctoral and First-Professional	Yes
Public	University of California - San Francisco	CA	Doctoral and First-Professional	Yes
Public	University of California - Santa Barbara	CA	Doctoral	
Public	University of California - Santa Cruz	CA	Doctoral	
Public	University of Central Florida	FL	Doctoral	
Private	University of Chicago	IL	Doctoral and First-Professional	Yes
Public	University of Cincinnati - Cincinnati	OH	Doctoral and First-Professional	Yes
Public	University of Colorado - Boulder	CO	Doctoral and First-Professional	
Public	University of Colorado Health Sciences Center	CO	Doctoral and First-Professional	Yes
Public	University of Connecticut - Health Center	CT	Doctoral and First-Professional	Yes
Public	University of Connecticut - Storrs	CT	Doctoral and First-Professional	
Private	University of Dayton	OH	Doctoral and First-Professional	
Public	University of Delaware	DE	Doctoral	
Public	University of Florida	FL	Doctoral and First-Professional	Yes
Public	University of Georgia	GA	Doctoral and First-Professional	
Public	University of Hawaii - Manoa	HI	Doctoral and First-Professional	Yes
Public	University of Houston - University Park	TX	Doctoral and First-Professional	
Public	University of Idaho	ID	Doctoral and First-Professional	
Public	University of Illinois - Chicago	IL	Doctoral and First-Professional	Yes
Public	University of Illinois - Urbana-Champaign	IL	Doctoral and First-Professional	
Public	University of Iowa	IA	Doctoral and First-Professional	Yes
Public	University of Kansas - Lawrence	KS	Doctoral and First-Professional	
Public	University of Kansas Medical Center	KS	Doctoral and First-Professional	Yes
Public	University of Kentucky	KY	Doctoral and First-Professional	Yes
Public	University of Louisville	KY	Doctoral and First-Professional	Yes

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2001
Yes	Strong Engineering	40,828
	Moderate Engineering	6,668
Yes	Moderate Engineering and Life Science	39,882
	Strong Engineering	8,084
	Moderate Physical Science	4,367
	Heavy Life Science	NR
	All Life Science	1,268
Yes	Moderate Life Science	35,650
	All Life Science	13,521
	Strong Life Science	34,171
	Strong Life Science	18,591
	All Life Science	1,451
	Strong Life Science	20,855
	Moderate Other Science	18,072
	Strong Life Science	29,872
Yes	Moderate Environmental and Life Science	44,618
	All Life Science	2,248
	Heavy Life Science	9,082
	Heavy Life Science	11,825
	Heavy Life Science	17,204
	Strong Life Science	25,838
	Heavy Life Science	14,695
	Moderate Engineering	6,754
	Strong Engineering	19,130
Yes-System	Moderate Environmental and Life Science	7,142
Yes	Strong Life Science	35,747
Yes	Moderate Engineering and Life Science	15,752
	All Life Science	1,936
Yes-System	Moderate Engineering, Physical, & Life Science	32,128
Yes-System	Strong Life Science	27,292
No-System	Strong Life Science	21,885
No-System	Strong Life Science	37,494
Yes-System	Moderate Life Science	14,429
No-System	Moderate Life Science	21,558
No-System	All Life Science	3,574
No-System	Moderate Engineering and Physical	20,373
No-System	Moderate Physical Science	13,170
	Mixed	35,850
	Strong Life Science	12,883
	Heavy Life Science	27,289
	Moderate Physical and Environmental	30,063
	All Life Science	2,523
	All Life Science	471
Yes	Moderate Life Science	19,876
	Heavy Engineering	10,252
Yes	Moderate Engineering	20,949
Yes	Strong Life Science	46,515
Yes	Strong Life Science	32,317
Yes	Moderate Environmental and Life Science	17,532
	Moderate Life Science	33,007
Yes	Strong Life Science	12,067
	Heavy Life Science	24,955
Yes	Moderate Engineering	39,291
	Heavy Life Science	28,768
	Moderate Life Science	25,782
	All Life Science	2,408
Yes	Strong Life Science	23,901
	Heavy Life Science	19,682

Institutional Characteristics				
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Has a Medical School
Public	University of Maine - Orono	ME	Doctoral	
Public	University of Maryland - Baltimore	MD	Doctoral and First-Professional	Yes
Public	University of Maryland - Baltimore County	MD	Doctoral	
Public	University of Maryland - College Park	MD	Doctoral and First-Professional	
Public	University of Massachusetts - Amherst	MA	Doctoral	
Public	University of Massachusetts Medical Sch - Worcester	MA	Doctoral and First-Professional	Yes
Public	University of Medicine & Dentistry of New Jersey	NJ	Doctoral and First-Professional	Yes
Private	University of Miami	FL	Doctoral and First-Professional	Yes
Public	University of Michigan - Ann Arbor	MI	Doctoral and First-Professional	Yes
Public	University of Minnesota - Twin Cities	MN	Doctoral and First-Professional	Yes
Public	University of Mississippi - Oxford	MS	Doctoral and First-Professional	
Public	University of Missouri - Columbia	MO	Doctoral and First-Professional	Yes
Public	University of Nebraska - Lincoln	NE	Doctoral and First-Professional	
Public	University of Nebraska Medical Center	NE	Doctoral and First-Professional	Yes
Public	University of Nevada - Reno	NV	Doctoral and First-Professional	Yes
Public	University of New Hampshire - Durham	NH	Doctoral	
Public	University of New Mexico - Albuquerque	NM	Doctoral and First-Professional	Yes
Public	University of North Carolina - Chapel Hill	NC	Doctoral and First-Professional	Yes
Private	University of Notre Dame	IN	Doctoral and First-Professional	
Public	University of Oklahoma - Norman	OK	Doctoral and First-Professional	
Public	University of Oklahoma Health Sciences Center	OK	Doctoral and First-Professional	Yes
Public	University of Oregon	OR	Doctoral and First-Professional	
Private	University of Pennsylvania	PA	Doctoral and First-Professional	Yes
Public	University of Pittsburgh - Pittsburgh	PA	Doctoral and First-Professional	Yes
Public	University of Rhode Island	RI	Doctoral and First-Professional	
Private	University of Rochester	NY	Doctoral and First-Professional	Yes
Public	University of South Carolina - Columbia	SC	Doctoral and First-Professional	Yes
Public	University of South Florida	FL	Doctoral and First-Professional	Yes
Private	University of Southern California	CA	Doctoral and First-Professional	Yes
Public	University of Tennessee - Knoxville	TN	Doctoral and First-Professional	
Public	University of Tennessee Health Science Center	TN	Doctoral and First-Professional	Yes
Public	University of Texas - Austin	TX	Doctoral and First-Professional	
Public	University of Texas Health Science Center - Houston	TX	Doctoral and First-Professional	Yes
Public	University of Texas Health Science Ctr - San Antonio	TX	Doctoral and First-Professional	Yes
Public	University of Texas MD Anderson Cancer Center	TX	Bachelor's	Yes
Public	University of Texas Medical Branch - Galveston	TX	Doctoral and First-Professional	Yes
Public	University of Texas SW Medical Center - Dallas	TX	Doctoral and First-Professional	Yes
Public	University of Utah	UT	Doctoral and First-Professional	Yes
Public	University of Vermont	VT	Doctoral and First-Professional	Yes
Public	University of Virginia	VA	Doctoral and First-Professional	Yes
Public	University of Washington - Seattle	WA	Doctoral and First-Professional	Yes
Public	University of Wisconsin - Madison	WI	Doctoral and First-Professional	Yes
Public	University of Wyoming	WY	Doctoral and First-Professional	
Public	US Naval Postgraduate School	CA	Doctoral	
Public	Utah State University	UT	Doctoral	
Private	Vanderbilt University	TN	Doctoral and First-Professional	Yes
Public	Virginia Commonwealth University	VA	Doctoral and First-Professional	Yes
Public	Virginia Polytechnic Institute and State University	VA	Doctoral and First-Professional	
Private	Wake Forest University	NC	Doctoral and First-Professional	Yes
Public	Washington State University - Pullman	WA	Doctoral and First-Professional	
Private	Washington University	MO	Doctoral and First-Professional	Yes
Public	Wayne State University	MI	Doctoral and First-Professional	Yes
Public	West Virginia University	WV	Doctoral and First-Professional	Yes
Private	Woods Hole Oceanographic Institution	MA	Doctoral	
Private	Yale University	CT	Doctoral and First-Professional	Yes
Private	Yeshiva University	NY	Doctoral and First-Professional	Yes

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2001
Yes	Moderate Environmental and Life Science	10,698
	All Life Science	5,476
	Moderate Environmental Science	11,237
Yes	Moderate Engineering	34,160
Yes	Moderate Life Science	24,678
	All Life Science	686
	All Life Science	4,660
	Strong Life Science	14,436
	Strong Life Science	38,248
Yes	Strong Life Science	46,597
	Moderate Physical and Life Science	12,626
Yes-System	Strong Life Science	23,667
Yes-System	Moderate Life Science	22,764
No-System	All Life Science	2,724
Yes	Strong Life Science	14,316
Yes	Strong Environmental Science	14,766
	Moderate Life and Other Science	23,753
	Heavy Life Science	25,494
	Moderate Engineering and Physical	11,054
	Moderate Environmental Science	25,104
	All Life Science	2,862
	Strong Life Science	18,956
	Heavy Life Science	22,326
	Heavy Life Science	26,710
Yes	Strong Environmental Science	14,264
	Strong Life Science	8,351
	Moderate Engineering and Life Science	23,000
	Strong Life Science	37,221
	Moderate Computer Science	29,813
Yes	Moderate Engineering and Life Science	26,033
	All Life Science	2,011
	Moderate Engineering	50,616
	All Life Science	3,284
	All Life Science	2,665
	Heavy Life Science	48
	All Life Science	1,927
	All Life Science	1,554
	Strong Life Science	27,668
Yes	Heavy Life Science	10,078
	Strong Life Science	22,739
	Strong Life Science	37,412
Yes	Strong Life Science	40,922
Yes	Moderate Life Science	12,366
	Moderate Engineering	NR
Yes	Strong Engineering	23,001
	Heavy Life Science	10,338
	Heavy Life Science	25,001
Yes	Moderate Engineering and Life Science	28,203
	All Life Science	6,271
Yes	Strong Life Science	21,073
	Heavy Life Science	12,187
	Heavy Life Science	31,040
Yes	Strong Life Science	22,774
	Heavy Environmental Science	NR
	Heavy Life Science	11,136
	All Life Science	5,999

Student Characteristics		Fall 2001 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	45,693	35,191	77.0%	9,982	21.8%	520	1.1%
Public	Auburn University	22,469	18,922	84.2%	2,819	12.5%	728	3.2%
Private	Baylor College of Medicine	1,211	0	0.0%	544	44.9%	667	55.1%
Private	Boston College	14,308	9,797	68.5%	3,696	25.8%	815	5.7%
Private	Boston University	27,756	17,602	63.4%	8,175	29.5%	1,979	7.1%
Private	Brandeis University	4,882	3,081	63.1%	1,801	36.9%	0	0.0%
Private	Brown University	7,774	5,999	77.2%	1,450	18.7%	325	4.2%
Private	California Institute of Technology	2,058	942	45.8%	1,116	54.2%	0	0.0%
Private	Carnegie Mellon University	8,588	5,310	61.8%	3,278	38.2%	0	0.0%
Private	Case Western Reserve University	9,216	3,381	36.7%	4,380	47.5%	1,455	15.8%
Private	Charles R. Drew University of Medicine and Science	95	88	92.6%	7	7.4%	0	0.0%
Public	Clemson University	17,101	13,975	81.7%	3,126	18.3%	0	0.0%
Public	Colorado State University	28,103	23,439	83.4%	4,136	14.7%	528	1.9%
Private	Columbia University	19,710	6,867	34.8%	10,896	55.3%	1,947	9.9%
Private	Cornell University	20,155	13,876	68.8%	4,997	24.8%	1,282	6.4%
Private	Dartmouth College	5,495	4,118	74.9%	1,100	20.0%	277	5.0%
Public	Desert Research Institute	NR	NR					
Private	Drexel University	13,546	11,019	81.3%	2,527	18.7%	0	0.0%
Private	Duke University	11,926	6,203	52.0%	4,162	34.9%	1,561	13.1%
Private	Emory University	11,443	6,374	55.7%	3,468	30.3%	1,601	14.0%
Public	Florida A&M University	12,316	10,853	88.1%	982	8.0%	481	3.9%
Public	Florida International University	31,727	25,971	81.9%	5,756	18.1%	0	0.0%
Public	Florida State University	34,982	28,231	80.7%	6,025	17.2%	726	2.1%
Public	George Mason University	24,897	15,802	63.5%	8,365	33.6%	730	2.9%
Private	George Washington University	22,184	10,063	45.4%	10,004	45.1%	2,117	9.5%
Private	Georgetown University	12,688	6,422	50.6%	3,487	27.5%	2,779	21.9%
Public	Georgia Institute of Technology	15,575	11,043	70.9%	4,532	29.1%	0	0.0%
Private	Harvard University	24,474	9,637	39.4%	12,122	49.5%	2,715	11.1%
Private	Howard University	11,004	6,971	63.3%	2,388	21.7%	1,645	14.9%
Public	Indiana University - Bloomington	37,963	30,157	79.4%	6,908	18.2%	898	2.4%
Public	Indiana University-Purdue University - Indianapolis	28,339	20,695	73.0%	5,288	18.7%	2,356	8.3%
Public	Iowa State University	27,823	23,060	82.9%	4,363	15.7%	400	1.4%
Public	Jackson State University	7,098	5,741	80.9%	1,357	19.1%	0	0.0%
Private	Johns Hopkins University	17,826	5,370	30.1%	11,982	67.2%	474	2.7%
Public	Kansas State University	22,396	18,770	83.8%	3,225	14.4%	401	1.8%
Private	Loma Linda University	3,162	979	31.0%	1,127	35.6%	1,056	33.4%
Public	Louisiana State University - Baton Rouge	32,059	26,518	82.7%	4,538	14.2%	1,003	3.1%
Public	Louisiana State University Health Sciences Center	NR	NR					
Private	Loyola University Chicago	13,019	7,497	57.6%	4,236	32.5%	1,286	9.9%
Private	Massachusetts Institute of Technology	10,197	4,213	41.3%	5,984	58.7%	0	0.0%
Private	MCP Hahnemann University	2,579	672	26.1%	934	36.2%	973	37.7%
Public	Medical College of Georgia	1,939	669	34.5%	332	17.1%	938	48.4%
Private	Medical College of Wisconsin	1,235	0	0.0%	424	34.3%	811	65.7%
Public	Medical University of South Carolina	2,297	400	17.4%	887	38.6%	1,010	44.0%
Public	Michigan State University	44,227	34,874	78.9%	7,975	18.0%	1,378	3.1%
Public	Mississippi State University	16,878	13,604	80.6%	3,081	18.3%	193	1.1%
Public	Montana State University - Bozeman	11,670	10,462	89.6%	1,208	10.4%	0	0.0%
Private	Mount Sinai School of Medicine	610	0	0.0%	184	30.2%	426	69.8%
Public	New Mexico State University - Las Cruces	15,224	12,584	82.7%	2,640	17.3%	0	0.0%
Private	New York University	37,134	19,028	51.2%	14,764	39.8%	3,342	9.0%
Public	North Carolina State University	29,286	22,418	76.5%	6,569	22.4%	299	1.0%
Private	Northeastern University	23,422	19,205	82.0%	3,650	15.6%	567	2.4%
Private	Northwestern University	17,000	9,167	53.9%	6,474	38.1%	1,359	8.0%
Public	Ohio State University - Columbus	48,477	36,049	74.4%	9,452	19.5%	2,976	6.1%
Public	Oklahoma State University - Stillwater	22,008	17,236	78.3%	4,483	20.4%	289	1.3%
Public	Oregon Health & Science University	1,976	634	32.1%	675	34.2%	667	33.8%
Public	Oregon State University	18,013	14,869	82.5%	2,855	15.8%	289	1.6%
Public	Pennsylvania State University - Hershey Medical Ctr	649	0	0.0%	179	27.6%	470	72.4%

Fall 2001 Part-Time Enrollment				2001-2002 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
25.4%	15.8%	9.5%	0.0%	0	6,590	2,293	313	151
14.4%	8.1%	6.1%	0.1%	0	3,625	754	143	164
0.0%	0.0%	0.0%	0.0%	0	0	45	41	160
19.6%	3.8%	15.8%	0.1%	0	2,311	1,100	120	268
18.1%	7.2%	10.9%	0.0%	0	3,657	2,943	246	588
12.2%	0.6%	11.6%	0.0%	0	858	370	102	0
5.6%	4.1%	1.3%	0.1%	0	1,506	280	148	75
0.0%	0.0%	0.0%	0.0%	0	249	126	139	0
10.5%	2.6%	7.8%	0.0%	0	1,178	1,141	176	0
26.4%	2.9%	23.3%	0.2%	0	729	1,289	175	409
18.9%	11.6%	7.4%	0.0%	87	46	0	0	0
12.8%	4.9%	7.9%	0.0%	0	2,809	768	116	0
25.5%	17.1%	8.5%	0.0%	0	3,867	989	148	124
14.1%	4.9%	9.2%	0.0%	10	1,703	4,732	452	603
0.1%	0.0%	0.0%	0.0%	30	3,565	1,571	412	0
1.9%	0.7%	1.3%	0.0%	0	1,157	339	40	46
				NR	NR	NR	NR	NR
27.9%	14.1%	13.7%	0.0%	27	1,759	932	86	220
2.7%	0.5%	2.2%	0.0%	0	1,673	1,172	246	471
7.5%	1.1%	5.7%	0.7%	271	1,506	935	178	415
14.0%	10.9%	2.9%	0.2%	50	1,414	304	9	97
44.7%	34.1%	10.5%	0.0%	0	4,311	1,591	52	0
19.1%	12.1%	6.9%	0.0%	132	5,912	1,647	248	227
47.4%	18.0%	28.0%	1.4%	0	3,258	1,598	129	198
36.1%	6.1%	28.8%	1.2%	335	1,967	2,936	223	632
10.2%	1.8%	7.6%	0.8%	4	1,666	1,329	81	786
10.9%	5.7%	5.3%	0.0%	0	2,157	1,116	257	0
22.8%	10.5%	12.2%	0.1%	16	2,111	3,343	543	781
16.2%	4.5%	10.9%	0.8%	40	1,252	391	102	371
13.7%	6.0%	7.4%	0.2%	241	5,711	1,663	347	265
46.6%	30.8%	14.7%	1.1%	797	2,200	1,108	29	609
13.9%	6.6%	7.3%	0.0%	0	4,163	802	239	98
22.8%	11.3%	11.5%	0.0%	0	767	297	26	0
48.9%	4.7%	44.2%	0.0%	23	1,570	3,272	373	114
20.7%	11.9%	8.8%	0.0%	107	3,369	609	152	98
21.3%	8.0%	13.2%	0.0%	207	236	332	66	248
14.1%	8.3%	5.8%	0.1%	0	4,401	1,001	222	267
				8	320	152	32	318
35.1%	15.8%	17.7%	1.7%	0	1,404	1,122	206	341
4.1%	0.6%	3.5%	0.0%	0	1,187	1,530	501	0
21.5%	10.4%	11.1%	0.0%	NR	NR	NR	NR	NR
7.6%	2.7%	4.7%	0.1%	10	317	97	16	215
21.2%	0.0%	21.2%	0.0%	0	0	53	17	194
13.9%	4.6%	9.3%	0.0%	0	209	260	39	231
17.7%	9.7%	7.9%	0.1%	101	7,073	1,888	428	323
19.4%	10.0%	9.3%	0.0%	0	2,749	832	96	46
17.9%	11.7%	6.2%	0.0%	0	1,828	320	36	0
0.0%	0.0%	0.0%	0.0%	0	0	16	35	102
21.8%	13.1%	8.7%	0.0%	69	1,897	597	77	0
27.0%	5.6%	21.2%	0.2%	962	4,115	5,483	415	961
25.3%	13.9%	11.3%	0.0%	154	3,928	1,179	300	75
29.1%	22.4%	6.7%	0.0%	230	2,873	1,320	60	234
19.1%	8.6%	10.4%	0.0%	15	1,978	2,619	349	391
16.6%	9.9%	6.6%	0.1%	375	7,354	2,457	617	775
20.6%	7.9%	12.7%	0.0%	3	3,001	786	188	70
19.3%	6.9%	12.2%	0.2%	19	326	214	34	160
13.0%	8.1%	4.8%	0.1%	0	2,777	596	156	37
2.0%	0.0%	2.0%	0.0%	0	0	8	20	104

Student Characteristics		Fall 2001 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	Pennsylvania State University - University Park	40,828	34,539	84.6%	6,289	15.4%	0	0.0%
Private	Princeton University	6,668	4,744	71.1%	1,924	28.9%	0	0.0%
Public	Purdue University - West Lafayette	39,882	32,648	81.9%	6,356	15.9%	878	2.2%
Private	Rensselaer Polytechnic Institute	8,084	5,261	65.1%	2,823	34.9%	0	0.0%
Private	Rice University	4,367	2,728	62.5%	1,639	37.5%	0	0.0%
Private	Rockefeller University	NR	NR					
Private	Rush University	1,268	148	11.7%	634	50.0%	486	38.3%
Public	Rutgers the State University of NJ - New Brunswick	35,650	28,351	79.5%	7,064	19.8%	235	0.7%
Private	Saint Louis University - St. Louis	13,521	9,604	71.0%	2,550	18.9%	1,367	10.1%
Public	San Diego State University	34,171	28,042	82.1%	6,129	17.9%	0	0.0%
Private	Stanford University	18,591	7,279	39.2%	10,258	55.2%	1,054	5.7%
Public	State Univ. of New York Health Science Ctr - Brooklyn	1,451	329	22.7%	347	23.9%	775	53.4%
Public	Stony Brook University	20,855	13,646	65.4%	6,627	31.8%	582	2.8%
Private	Syracuse University	18,072	12,464	69.0%	4,841	26.8%	767	4.2%
Public	Temple University	29,872	19,606	65.6%	7,099	23.8%	3,167	10.6%
Public	Texas A&M University	44,618	36,603	82.0%	7,518	16.8%	497	1.1%
Private	Thomas Jefferson University	2,248	771	34.3%	578	25.7%	899	40.0%
Private	Tufts University	9,082	4,775	52.6%	2,671	29.4%	1,636	18.0%
Private	Tulane University	11,825	7,479	63.2%	2,777	23.5%	1,569	13.3%
Public	University at Albany	17,204	11,884	69.1%	5,320	30.9%	0	0.0%
Public	University at Buffalo	25,838	17,289	66.9%	6,619	25.6%	1,930	7.5%
Public	University of Alabama - Birmingham	14,695	9,954	67.7%	3,766	25.6%	975	6.6%
Public	University of Alabama - Huntsville	6,754	5,466	80.9%	1,288	19.1%	0	0.0%
Public	University of Alabama - Tuscaloosa	19,130	15,201	79.5%	3,340	17.5%	589	3.1%
Public	University of Alaska - Fairbanks	7,142	6,309	88.3%	833	11.7%	0	0.0%
Public	University of Arizona	35,747	27,532	77.0%	7,118	19.9%	1,097	3.1%
Public	University of Arkansas - Fayetteville	15,752	12,818	81.4%	2,560	16.3%	374	2.4%
Public	University of Arkansas for Medical Sciences	1,936	673	34.8%	378	19.5%	885	45.7%
Public	University of California - Berkeley	32,128	23,269	72.4%	7,860	24.5%	999	3.1%
Public	University of California - Davis	27,292	21,356	78.3%	4,560	16.7%	1,376	5.0%
Public	University of California - Irvine	21,885	17,723	81.0%	3,770	17.2%	392	1.8%
Public	University of California - Los Angeles	37,494	25,328	67.6%	10,305	27.5%	1,861	5.0%
Public	University of California - Riverside	14,429	12,714	88.1%	1,662	11.5%	53	0.4%
Public	University of California - San Diego	21,558	17,505	81.2%	3,567	16.5%	486	2.3%
Public	University of California - San Francisco	3,574	34	1.0%	2,101	58.8%	1,439	40.3%
Public	University of California - Santa Barbara	20,373	17,724	87.0%	2,649	13.0%	0	0.0%
Public	University of California - Santa Cruz	13,170	12,034	91.4%	1,136	8.6%	0	0.0%
Public	University of Central Florida	35,850	30,181	84.2%	5,669	15.8%	0	0.0%
Private	University of Chicago	12,883	4,075	31.6%	7,746	60.1%	1,062	8.2%
Public	University of Cincinnati - Cincinnati	27,289	19,841	72.7%	6,471	23.7%	977	3.6%
Public	University of Colorado - Boulder	30,063	24,245	80.6%	5,330	17.7%	488	1.6%
Public	University of Colorado Health Sciences Center	2,523	381	15.1%	1,051	41.7%	1,091	43.2%
Public	University of Connecticut - Health Center	471	0	0.0%	0	0.0%	471	100.0%
Public	University of Connecticut - Storrs	19,876	14,050	70.7%	5,193	26.1%	633	3.2%
Private	University of Dayton	10,252	7,155	69.8%	2,674	26.1%	423	4.1%
Public	University of Delaware	20,949	18,007	86.0%	2,942	14.0%	0	0.0%
Public	University of Florida	46,515	33,639	72.3%	9,625	20.7%	3,251	7.0%
Public	University of Georgia	32,317	24,829	76.8%	5,975	18.5%	1,513	4.7%
Public	University of Hawaii - Manoa	17,532	12,054	68.8%	4,978	28.4%	500	2.9%
Public	University of Houston - University Park	33,007	25,230	76.4%	6,009	18.2%	1,768	5.4%
Public	University of Idaho	12,067	9,081	75.3%	2,664	22.1%	322	2.7%
Public	University of Illinois - Chicago	24,955	15,887	63.7%	6,820	27.3%	2,248	9.0%
Public	University of Illinois - Urbana-Champaign	39,291	28,746	73.2%	9,484	24.1%	1,061	2.7%
Public	University of Iowa	28,768	19,603	68.1%	6,343	22.0%	2,822	9.8%
Public	University of Kansas - Lawrence	25,782	19,651	76.2%	5,612	21.8%	519	2.0%
Public	University of Kansas Medical Center	2,408	409	17.0%	1,287	53.4%	712	29.6%
Public	University of Kentucky	23,901	17,137	71.7%	5,399	22.6%	1,365	5.7%
Public	University of Louisville	19,682	14,109	71.7%	4,302	21.9%	1,271	6.5%

Fall 2001 Part-Time Enrollment				2001-2002 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
8.8%	4.1%	4.7%	0.0%	3,760	8,757	1,107	519	0
2.0%	2.0%	0.0%	0.0%	0	1,106	368	230	0
12.5%	7.4%	5.1%	0.0%	875	5,855	1,341	409	192
17.3%	0.9%	16.4%	0.0%	0	1,200	797	115	0
1.6%	0.5%	1.1%	0.0%	0	764	388	106	0
				0	0	0	30	0
36.4%	1.3%	35.1%	0.0%	0	62	129	32	121
20.2%	7.5%	12.6%	0.1%	0	5,778	1,316	363	109
40.5%	26.7%	12.3%	1.6%	38	1,440	640	110	355
28.2%	18.8%	9.4%	0.0%	0	5,390	1,683	36	0
32.7%	4.4%	27.5%	0.8%	0	1,692	1,951	548	270
26.2%	11.4%	14.8%	0.0%	0	195	73	10	193
25.2%	6.3%	19.0%	0.0%	0	2,645	1,427	361	143
20.6%	5.8%	14.5%	0.3%	8	2,574	1,869	129	236
29.6%	11.7%	17.0%	1.0%	10	3,358	1,594	226	788
10.8%	6.3%	4.5%	0.0%	0	7,698	1,638	504	125
33.6%	18.4%	15.2%	0.0%	4	247	172	5	224
10.5%	1.0%	9.5%	0.0%	0	1,246	789	96	401
20.4%	14.7%	5.7%	0.0%	54	1,377	1,029	136	445
24.8%	6.6%	18.2%	0.0%	0	2,503	1,294	159	0
20.0%	7.6%	12.3%	0.1%	10	3,163	1,430	231	524
34.3%	21.6%	12.7%	0.0%	13	1,632	1,116	125	245
42.8%	30.6%	12.2%	0.0%	0	741	267	34	0
15.8%	8.8%	6.9%	0.0%	0	2,685	1,170	157	171
47.9%	43.6%	4.3%	0.0%	306	431	142	19	0
19.3%	11.8%	7.5%	0.0%	0	4,981	1,290	370	305
22.2%	12.7%	9.6%	0.0%	0	2,028	741	106	123
19.9%	9.0%	10.6%	0.3%	59	227	93	16	275
8.2%	4.9%	3.2%	0.0%	0	6,292	1,845	805	347
10.9%	9.6%	1.3%	0.0%	0	4,732	687	346	364
5.4%	3.4%	2.0%	0.0%	0	3,630	695	175	94
4.3%	3.3%	1.1%	0.0%	0	6,894	2,399	593	539
9.6%	8.8%	0.8%	0.0%	0	2,195	285	116	0
4.4%	3.5%	0.9%	0.0%	0	3,922	612	278	61
0.0%	0.0%	0.0%	0.0%	0	28	203	84	329
4.5%	3.6%	0.9%	0.0%	0	4,489	516	199	0
5.4%	5.0%	0.5%	0.0%	0	2,677	199	93	0
32.6%	22.6%	10.0%	0.0%	229	6,115	1,550	123	0
18.2%	0.2%	18.0%	0.1%	0	948	2,324	333	310
28.0%	18.1%	9.9%	0.0%	345	3,018	1,228	214	310
21.2%	8.8%	12.4%	0.0%	0	4,775	1,003	258	162
40.0%	1.1%	33.3%	5.7%	0	136	148	41	206
0.6%	0.0%	0.0%	0.6%	0	0	0	0	120
18.0%	4.9%	12.1%	1.0%	22	2,906	1,165	221	259
20.5%	5.2%	15.3%	0.0%	0	1,545	905	41	126
17.1%	13.5%	3.7%	0.0%	3	3,533	624	137	0
14.1%	8.0%	5.1%	1.1%	470	7,775	2,753	607	907
14.4%	7.9%	6.4%	0.1%	0	5,429	1,377	393	417
27.8%	11.8%	16.0%	0.0%	0	2,377	837	110	130
33.4%	23.0%	9.7%	0.8%	0	3,800	1,240	183	538
23.7%	9.8%	13.9%	0.1%	0	1,551	525	58	82
19.0%	7.2%	11.6%	0.2%	0	3,182	1,688	177	501
9.1%	2.9%	6.2%	0.1%	12	6,720	2,452	602	317
21.2%	8.4%	12.6%	0.3%	0	3,783	1,280	320	570
20.5%	7.7%	12.8%	0.0%	0	3,242	1,261	204	281
14.9%	2.6%	12.3%	0.0%	0	234	161	20	181
19.0%	7.9%	10.8%	0.2%	0	3,488	924	216	343
33.6%	21.7%	11.9%	0.0%	188	1,883	1,139	90	321

Student Characteristics		Fall 2001 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 Maine - Orono	10,698	8,511	79.6%	2,187	20.4%	0	0.0%
Public	University of Maryland - Baltimore	5,476	817	14.9%	2,123	38.8%	2,536	46.3%
Public	University of Maryland - Baltimore County	11,237	9,328	83.0%	1,909	17.0%	0	0.0%
Public	University of Maryland - College Park	34,160	25,099	73.5%	8,942	26.2%	119	0.3%
Public	University of Massachusetts - Amherst	24,678	19,368	78.5%	5,310	21.5%	0	0.0%
Public	University of Massachusetts Medical Sch - Worcester	686	0	0.0%	275	40.1%	411	59.9%
Public	University of Medicine & Dentistry of New Jersey	4,660	791	17.0%	1,923	41.3%	1,946	41.8%
Private	University of Miami	14,436	9,359	64.8%	3,243	22.5%	1,834	12.7%
Public	University of Michigan - Ann Arbor	38,248	24,547	64.2%	11,376	29.7%	2,325	6.1%
Public	University of Minnesota - Twin Cities	46,597	32,136	69.0%	11,832	25.4%	2,629	5.6%
Public	University of Mississippi - Oxford	12,626	10,212	80.9%	1,799	14.2%	615	4.9%
Public	University of Missouri - Columbia	23,667	18,431	77.9%	4,074	17.2%	1,162	4.9%
Public	University of Nebraska - Lincoln	22,764	17,985	79.0%	4,380	19.2%	399	1.8%
Public	University of Nebraska Medical Center	2,724	663	24.3%	1,156	42.4%	905	33.2%
Public	University of Nevada - Reno	14,316	11,075	77.4%	3,033	21.2%	208	1.5%
Public	University of New Hampshire - Durham	14,766	12,059	81.7%	2,707	18.3%	0	0.0%
Public	University of New Mexico - Albuquerque	23,753	16,441	69.2%	6,286	26.5%	1,026	4.3%
Public	University of North Carolina - Chapel Hill	25,494	15,844	62.1%	7,334	28.8%	2,316	9.1%
Private	University of Notre Dame	11,054	8,208	74.3%	2,284	20.7%	562	5.1%
Public	University of Oklahoma - Norman	25,104	18,696	74.5%	5,893	23.5%	515	2.1%
Public	University of Oklahoma Health Sciences Center	2,862	582	20.3%	753	26.3%	1,527	53.4%
Public	University of Oregon	18,956	15,113	79.7%	3,326	17.5%	517	2.7%
Private	University of Pennsylvania	22,326	11,781	52.8%	8,275	37.1%	2,270	10.2%
Public	University of Pittsburgh - Pittsburgh	26,710	17,798	66.6%	7,045	26.4%	1,867	7.0%
Public	University of Rhode Island	14,264	10,579	74.2%	3,228	22.6%	457	3.2%
Private	University of Rochester	8,351	4,665	55.9%	3,268	39.1%	418	5.0%
Public	University of South Carolina - Columbia	23,000	15,506	67.4%	6,271	27.3%	1,223	5.3%
Public	University of South Florida	37,221	28,769	77.3%	8,058	21.6%	394	1.1%
Private	University of Southern California	29,813	16,037	53.8%	11,154	37.4%	2,622	8.8%
Public	University of Tennessee - Knoxville	26,033	20,124	77.3%	5,182	19.9%	727	2.8%
Public	University of Tennessee Health Science Center	2,011	112	5.6%	534	26.6%	1,365	67.9%
Public	University of Texas - Austin	50,616	38,609	76.3%	10,340	20.4%	1,667	3.3%
Public	University of Texas Health Science Center - Houston	3,284	332	10.1%	1,868	56.9%	1,084	33.0%
Public	University of Texas Health Science Ctr - San Antonio	2,665	896	33.6%	586	22.0%	1,183	44.4%
Public	University of Texas MD Anderson Cancer Center	48	48	100.0%	0	0.0%	0	0.0%
Public	University of Texas Medical Branch - Galveston	1,927	562	29.2%	542	28.1%	823	42.7%
Public	University of Texas SW Medical Center - Dallas	1,554	215	13.8%	526	33.8%	813	52.3%
Public	University of Utah	27,668	22,180	80.2%	4,630	16.7%	858	3.1%
Public	University of Vermont	10,078	8,589	85.2%	1,103	10.9%	386	3.8%
Public	University of Virginia	22,739	13,764	60.5%	7,367	32.4%	1,608	7.1%
Public	University of Washington - Seattle	37,412	26,860	71.8%	8,848	23.7%	1,704	4.6%
Public	University of Wisconsin - Madison	40,922	29,861	73.0%	8,733	21.3%	2,328	5.7%
Public	University of Wyoming	12,366	8,907	72.0%	3,024	24.5%	435	3.5%
Public	US Naval Postgraduate School	NR	NR					
Public	Utah State University	23,001	19,295	83.9%	3,706	16.1%	0	0.0%
Private	Vanderbilt University	10,338	6,077	58.8%	3,072	29.7%	1,189	11.5%
Public	Virginia Commonwealth University	25,001	17,148	68.6%	6,439	25.8%	1,414	5.7%
Public	Virginia Polytechnic Institute and State University	28,203	21,593	76.6%	6,255	22.2%	355	1.3%
Private	Wake Forest University	6,271	4,136	66.0%	1,172	18.7%	963	15.4%
Public	Washington State University - Pullman	21,073	17,476	82.9%	2,921	13.9%	676	3.2%
Private	Washington University	12,187	6,772	55.6%	4,335	35.6%	1,080	8.9%
Public	Wayne State University	31,040	18,489	59.6%	9,797	31.6%	2,754	8.9%
Public	West Virginia University	22,774	16,121	70.8%	5,412	23.8%	1,241	5.4%
Private	Woods Hole Oceanographic Institution	NR	NR					
Private	Yale University	11,136	5,286	47.5%	4,556	40.9%	1,294	11.6%
Private	Yeshiva University	5,999	2,820	47.0%	1,514	25.2%	1,665	27.8%

Fall 2001 Part-Time Enrollment				2001-2002 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
26.7%	15.3%	11.4%	0.0%	0	1,316	447	39	0
26.1%	5.2%	17.8%	3.2%	0	343	662	81	611
24.4%	15.6%	8.8%	0.0%	24	1,616	305	53	0
18.5%	7.9%	10.6%	0.0%	82	5,470	1,692	430	27
18.8%	6.0%	12.8%	0.0%	74	3,910	940	287	0
1.3%	0.0%	1.3%	0.0%	0	1	30	14	89
18.1%	3.8%	14.4%	0.0%	134	118	338	66	454
10.7%	5.1%	5.1%	0.5%	0	1,912	1,194	116	535
8.6%	3.6%	5.0%	0.0%	0	5,724	2,986	610	674
31.5%	17.6%	13.6%	0.3%	0	5,322	2,521	560	673
13.2%	7.0%	6.1%	0.0%	6	1,917	482	84	241
12.5%	4.4%	7.9%	0.2%	0	3,761	1,060	252	291
18.2%	8.2%	9.9%	0.0%	5	2,897	708	213	117
15.1%	3.5%	11.5%	0.1%	0	464	648	27	220
33.1%	19.6%	13.5%	0.0%	0	1,421	362	72	46
22.3%	10.1%	12.2%	0.0%	196	2,150	605	55	0
32.7%	15.8%	16.7%	0.3%	3	2,514	1,045	189	286
16.5%	3.1%	13.1%	0.4%	11	3,560	1,638	390	589
2.3%	0.1%	2.1%	0.0%	0	1,985	725	116	180
25.5%	9.5%	16.0%	0.0%	0	2,892	1,526	158	173
19.1%	3.0%	16.0%	0.0%	0	296	295	17	275
12.9%	7.8%	5.1%	0.0%	0	3,239	801	137	169
18.7%	8.3%	10.3%	0.1%	5	2,775	2,415	380	590
19.8%	9.1%	10.7%	0.0%	317	3,656	1,879	336	577
28.2%	12.6%	15.5%	0.1%	0	1,893	565	77	78
16.7%	2.7%	14.0%	0.0%	0	1,094	786	185	109
23.2%	10.5%	12.6%	0.1%	19	3,206	1,692	253	358
42.3%	28.9%	13.4%	0.0%	163	5,037	1,725	165	104
13.3%	2.1%	11.3%	0.0%	0	3,997	3,056	496	649
15.7%	7.6%	8.1%	0.0%	0	3,959	1,752	276	541
3.9%	0.0%	3.5%	0.4%	NR	NR	NR	NR	NR
11.3%	9.1%	2.2%	0.1%	0	7,866	2,612	639	587
28.0%	0.3%	27.8%	0.0%	34	113	266	82	277
14.3%	6.9%	7.4%	0.0%	197	274	99	34	304
0.0%	0.0%	0.0%	0.0%	3	36	0	0	0
16.9%	10.6%	6.3%	0.0%	0	305	87	40	196
6.5%	4.5%	2.0%	0.0%	0	103	48	48	201
34.7%	29.3%	5.4%	0.0%	123	4,298	1,155	218	240
19.8%	13.6%	6.1%	0.0%	17	1,671	340	54	93
19.9%	4.3%	15.7%	0.0%	0	3,213	1,515	321	505
14.7%	9.6%	4.9%	0.2%	0	6,515	2,306	452	476
11.7%	6.9%	4.3%	0.5%	0	5,866	1,818	650	607
29.9%	12.6%	17.3%	0.0%	30	1,655	446	55	122
				NR	NR	NR	NR	NR
39.6%	28.4%	11.2%	0.0%	105	2,582	806	69	0
4.3%	0.6%	3.4%	0.4%	0	1,393	805	190	338
36.5%	20.3%	15.8%	0.4%	0	2,355	1,354	108	342
11.6%	2.2%	9.4%	0.0%	50	4,650	1,338	326	86
6.1%	1.5%	4.6%	0.1%	0	906	441	24	274
19.5%	13.8%	5.6%	0.1%	0	4,211	702	161	166
18.4%	7.1%	11.3%	0.1%	0	1,713	1,278	173	318
53.1%	29.7%	22.2%	1.2%	0	2,359	2,511	202	464
16.8%	4.1%	12.5%	0.2%	0	2,824	1,304	142	303
				NR	NR	NR	NR	NR
1.1%	0.3%	0.6%	0.2%	0	1,286	1,584	310	372
10.9%	0.7%	8.8%	1.4%	224	599	286	109	499

TheCenter Measures		National Rankings					
		2003 No. of Measures in Top 25 Nationally	2003 No. of Measures in Top 26-50 Nationally	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
	Institutions with Over \$20 Million in Federal Research, Alphabetically						
Public	Arizona State University - Tempe	0	2	0	1	0	1
Public	Auburn University	0	0	0	0	0	0
Private	Baylor College of Medicine	3	1	2	3	1	4
Private	Boston College	0	1	0	0	0	0
Private	Boston University	1	2	0	3	0	4
Private	Brandeis University	0	1	0	1	0	2
Private	Brown University	2	1	1	3	1	3
Private	California Institute of Technology	3	5	4	2	4	4
Private	Carnegie Mellon University	1	1	0	2	1	2
Private	Case Western Reserve University	0	7	1	6	0	7
Private	Charles R. Drew University of Medicine and Science	0	0	0	0	0	0
Public	Clemson University	0	0	0	0	0	0
Public	Colorado State University	0	0	0	0	0	1
Private	Columbia University	8	1	8	1	8	1
Private	Cornell University	8	1	7	2	9	0
Private	Dartmouth College	2	1	2	2	2	1
Public	Desert Research Institute	0	0	0	0	0	0
Private	Drexel University	0	0	0	0	0	0
Private	Duke University	8	0	8	1	8	0
Private	Emory University	3	4	3	3	1	4
Public	Florida A&M University	0	0	0	0	0	0
Public	Florida International University	0	0	0	0	0	0
Public	Florida State University	0	0	0	0	0	0
Public	George Mason University	0	0	0	0	0	0
Private	George Washington University	0	0	0	0	0	0
Private	Georgetown University	1	1	0	2	0	2
Public	Georgia Institute of Technology	1	6	0	7	0	7
Private	Harvard University	9	0	9	0	9	0
Private	Howard University	0	0	0	0	0	0
Public	Indiana University - Bloomington	0	2	1	1	1	1
Public	Indiana University-Purdue University - Indianapolis	0	1	1	0	0	2
Public	Iowa State University	0	1	0	0	0	1
Public	Jackson State University	0	0	0	0	0	0
Private	Johns Hopkins University	8	1	8	1	8	1
Public	Kansas State University	0	0	0	0	0	0
Private	Loma Linda University	0	0	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	0	0	1	0	1
Public	Louisiana State University Health Sciences Center	0	0	0	0	0	0
Private	Loyola University Chicago	0	0	0	0	0	0
Private	Massachusetts Institute of Technology	9	0	9	0	9	0
Private	MCP Hahnemann University	0	0	0	0	0	0
Public	Medical College of Georgia	0	0	0	0	0	0
Private	Medical College of Wisconsin	0	0	0	0	0	0
Public	Medical University of South Carolina	0	0	0	0	0	0
Public	Michigan State University	2	3	2	2	1	4
Public	Mississippi State University	0	0	0	0	0	0
Public	Montana State University - Bozeman	0	0	0	0	0	0
Private	Mount Sinai School of Medicine	0	0	0	0	0	0
Public	New Mexico State University - Las Cruces	0	0	0	0	0	0
Private	New York University	2	4	0	8	1	8
Public	North Carolina State University	0	4	0	4	0	3
Private	Northeastern University	0	0	0	0	0	0
Private	Northwestern University	3	5	3	5	4	5
Public	Ohio State University - Columbus	3	5	3	4	3	4
Public	Oklahoma State University - Stillwater	0	0	0	0	0	0
Public	Oregon Health & Science University	0	0	0	1	0	0
Public	Oregon State University	0	0	0	0	0	0
Public	Pennsylvania State University - Hershey Medical Ctr	0	0	0	0	0	0

Institutional Control Rankings

2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2003 No. of Measures in Top 25 Among Privates/Publics	2003 No. of Measures in Top 26-50 Among Privates/Publics	2002 No. of Measures in Top 25 Among Privates/Publics	2002 No. of Measures in Top 26-50 Among Privates/Publics	2001 No. of Measures in Top 25 Among Privates/Publics	2001 No. of Measures in Top 26-50 Among Privates/Publics	2000 No. of Measures in Top 25 Among Privates/Publics	2000 No. of Measures in Top 26-50 Among Privates/Publics
0	1	0	3	0	3	0	3	0	3
0	0	0	0	0	1	0	0	0	0
1	4	5	2	6	1	5	2	5	2
0	0	0	7	0	0	0	0	0	0
0	3	5	2	6	2	5	3	5	3
0	2	0	8	0	8	1	7	1	7
1	3	3	6	4	5	4	5	4	5
5	3	8	1	7	2	8	1	9	0
1	2	4	5	3	6	5	4	5	4
1	5	8	1	7	2	7	2	6	3
0	0	0	3	0	3	0	3	0	0
0	0	0	1	0	2	0	1	0	0
0	1	0	4	0	4	0	4	0	5
8	1	9	0	9	0	9	0	9	0
8	1	8	1	8	1	9	0	8	1
2	1	4	4	5	3	5	3	4	4
0	0	0	0	0	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0
8	0	9	0	9	0	9	0	9	0
2	5	8	1	7	2	4	5	5	4
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	4	0	5	0	3	0	3
0	0	0	0	0	0	0	0	0	0
0	0	1	7	1	6	1	6	1	7
0	2	2	6	2	6	1	8	3	5
0	6	6	2	7	1	7	1	6	1
9	0	9	0	9	0	9	0	9	0
0	1	0	3	0	3	0	3	0	4
0	1	1	4	2	4	3	2	2	4
0	0	1	3	1	3	1	4	0	4
0	2	0	8	1	7	2	5	1	6
0	0	0	0	0	0	0	0	0	0
8	0	9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	1	0	4	0	4	0	3	0	3
0	0	0	0	0	0	0	0	0	0
0	0	1	3	0	4	0	0	0	0
9	0	9	0	9	0	9	0	9	0
0	0	0	2	0	3	0	0	0	4
0	0	0	0	0	0	0	0	0	0
0	0	0	3	0	3	0	3	0	5
0	0	0	1	0	1	0	1	0	1
1	2	4	4	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	2	1	2	1	2	1	0	4
0	0	0	0	0	0	0	0	0	0
2	7	8	1	7	2	7	2	8	1
0	3	3	5	4	4	2	7	2	5
0	0	0	3	0	3	0	3	0	4
3	5	9	0	8	1	9	0	9	0
3	3	7	2	7	2	7	1	6	2
0	0	0	0	0	1	0	0	0	1
0	0	0	5	0	3	0	3	0	2
0	0	0	1	0	2	0	3	0	2
0	0	0	0	0	0	0	0	0	0

TheCenter Measures

National Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		National Rankings					
		2003 No. of Measures in Top 25 Nationally	2003 No. of Measures in Top 26-50 Nationally	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
Public	Pennsylvania State University - University Park	4	2	4	3	3	3
Private	Princeton University	5	1	5	2	5	2
Public	Purdue University - West Lafayette	1	4	1	4	1	4
Private	Rensselaer Polytechnic Institute	0	0	0	0	0	0
Private	Rice University	2	1	2	1	2	1
Private	Rockefeller University	1	4	1	2	1	2
Private	Rush University	0	0	0	0	0	0
Public	Rutgers the State University of NJ - New Brunswick	0	3	1	4	0	4
Private	Saint Louis University - St. Louis	0	0	0	0	0	1
Public	San Diego State University	0	0	0	0	0	0
Private	Stanford University	9	0	9	0	9	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	0	0	0	0	0	0
Public	Stony Brook University	0	3	0	2	1	1
Private	Syracuse University	0	0	0	0	0	0
Public	Temple University	0	0	0	0	0	0
Public	Texas A&M University	3	4	3	4	3	3
Private	Thomas Jefferson University	0	0	0	1	0	0
Private	Tufts University	0	1	0	2	0	1
Private	Tulane University	0	0	0	0	0	0
Public	University at Albany	0	0	0	0	0	0
Public	University at Buffalo	0	1	0	1	0	3
Public	University of Alabama - Birmingham	0	3	0	3	0	4
Public	University of Alabama - Huntsville	0	0	0	0	0	0
Public	University of Alabama - Tuscaloosa	0	0	0	0	0	0
Public	University of Alaska - Fairbanks	0	0	0	0	0	0
Public	University of Arizona	3	4	2	5	3	4
Public	University of Arkansas - Fayetteville	0	0	0	0	0	0
Public	University of Arkansas for Medical Sciences	0	0	0	0	0	0
Public	University of California - Berkeley	8	0	8	1	8	0
Public	University of California - Davis	2	3	2	4	1	4
Public	University of California - Irvine	0	3	0	2	0	2
Public	University of California - Los Angeles	7	1	7	1	7	1
Public	University of California - Riverside	0	0	0	0	0	0
Public	University of California - San Diego	4	3	5	2	5	2
Public	University of California - San Francisco	4	1	6	0	6	0
Public	University of California - Santa Barbara	1	1	0	2	0	1
Public	University of California - Santa Cruz	0	0	0	0	0	0
Public	University of Central Florida	0	0	0	0	0	0
Private	University of Chicago	4	4	4	4	5	3
Public	University of Cincinnati - Cincinnati	0	3	0	1	0	2
Public	University of Colorado - Boulder	2	4	1	5	0	6
Public	University of Colorado Health Sciences Center	0	2	0	1	0	2
Public	University of Connecticut - Health Center	0	0	0	0	0	0
Public	University of Connecticut - Storrs	0	0	0	0	0	1
Private	University of Dayton	0	0	0	0	0	0
Public	University of Delaware	0	1	0	1	0	0
Public	University of Florida	3	3	3	4	3	4
Public	University of Georgia	1	1	0	3	0	2
Public	University of Hawaii - Manoa	0	0	0	0	0	0
Public	University of Houston - University Park	0	0	0	0	0	0
Public	University of Idaho	0	0	0	0	0	0
Public	University of Illinois - Chicago	0	3	0	2	0	3
Public	University of Illinois - Urbana-Champaign	5	1	5	2	5	1
Public	University of Iowa	0	6	0	6	0	5
Public	University of Kansas - Lawrence	0	1	0	0	0	1
Public	University of Kansas Medical Center	0	0	0	0	0	0
Public	University of Kentucky	0	1	0	1	0	2
Public	University of Louisville	0	0	0	0	0	0

Institutional Control Rankings

2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2003 No. of Measures in Top 25 Among Privates/Publics	2003 No. of Measures in Top 26-50 Among Privates/Publics	2002 No. of Measures in Top 25 Among Privates/Publics	2002 No. of Measures in Top 26-50 Among Privates/Publics	2001 No. of Measures in Top 25 Among Privates/Publics	2001 No. of Measures in Top 26-50 Among Privates/Publics	2000 No. of Measures in Top 25 Among Privates/Publics	2000 No. of Measures in Top 26-50 Among Privates/Publics
2	4	7	2	7	2	8	1	8	1
5	1	8	1	7	2	8	1	8	1
1	6	5	3	5	3	5	3	6	2
0	1	0	7	1	6	0	7	0	6
2	3	3	6	3	6	3	6	4	5
1	2	5	2	4	3	3	4	3	4
0	0	0	4	0	4	0	3	0	4
0	3	2	5	3	5	4	5	4	5
0	2	0	4	0	5	0	5	0	7
0	0	0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0	0	0
0	3	3	3	2	4	2	4	2	4
0	1	0	6	0	5	0	7	0	7
0	1	0	1	0	1	0	1	0	2
3	4	5	4	6	3	6	3	7	2
0	1	0	5	1	3	1	3	1	3
0	2	1	7	1	7	2	6	2	5
0	1	0	9	0	8	0	7	0	7
0	0	0	0	0	0	0	0	0	0
0	1	1	4	0	5	1	6	1	6
1	3	2	3	3	3	4	2	3	2
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3	3	7	1	6	2	7	0	6	2
0	0	1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8	1	9	0	9	0	9	0	9	0
1	4	5	4	6	3	5	4	6	3
0	2	3	3	2	3	2	4	2	3
7	1	9	0	9	0	9	0	9	0
0	0	0	1	0	2	0	0	0	2
5	2	7	1	5	3	6	2	6	2
6	0	6	1	7	0	7	0	7	0
0	3	2	4	1	5	1	5	1	5
0	0	0	2	0	2	0	2	0	3
0	0	0	0	0	0	0	0	0	0
3	4	9	0	9	0	9	0	8	1
0	3	2	5	1	6	1	5	1	5
1	5	4	3	4	2	4	4	4	4
0	1	2	3	1	3	1	4	1	4
0	0	0	0	0	0	0	0	0	0
0	1	0	2	0	2	0	1	0	1
0	0	0	2	0	2	0	2	0	3
0	0	1	2	1	1	1	2	1	1
2	5	8	1	8	1	9	0	8	1
0	1	2	5	3	4	2	5	2	5
0	0	0	2	0	2	0	3	0	4
0	0	0	2	0	3	0	4	0	3
0	0	0	0	0	0	0	0	0	0
0	2	0	6	1	4	2	3	1	5
5	2	8	1	9	0	8	1	8	1
0	6	6	3	7	2	5	4	7	2
0	1	1	3	1	4	1	4	1	3
0	0	0	0	0	0	0	0	0	0
0	2	0	7	0	7	0	6	0	7
0	0	0	2	0	0	0	0	0	0

TheCenter Measures		National Rankings					
		2003		2002		2001	
Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		No. of Measures in Top 25 Nationally	No. of Measures in Top 26-50 Nationally	No. of Measures in Top 25 Nationally	No. of Measures in Top 26-50 Nationally	No. of Measures in Top 25 Nationally	No. of Measures in Top 26-50 Nationally
Public	University of Maine - Orono	0	0	0	0	0	0
Public	University of Maryland - Baltimore	0	1	0	1	0	0
Public	University of Maryland - Baltimore County	0	0	0	0	0	0
Public	University of Maryland - College Park	1	4	1	4	1	3
Public	University of Massachusetts - Amherst	0	1	0	1	0	1
Public	University of Massachusetts Medical Sch - Worcester	0	0	0	0	0	0
Public	University of Medicine & Dentistry of New Jersey	0	0	0	0	0	0
Private	University of Miami	0	1	0	1	0	2
Public	University of Michigan - Ann Arbor	7	1	8	0	8	0
Public	University of Minnesota - Twin Cities	7	1	8	0	8	0
Public	University of Mississippi - Oxford	0	1	0	0	0	0
Public	University of Missouri - Columbia	0	3	0	1	0	0
Public	University of Nebraska - Lincoln	0	0	0	0	0	0
Public	University of Nebraska Medical Center	0	0	0	0	0	0
Public	University of Nevada - Reno	0	0	0	0	0	0
Public	University of New Hampshire - Durham	0	0	0	0	0	0
Public	University of New Mexico - Albuquerque	0	0	0	0	0	0
Public	University of North Carolina - Chapel Hill	5	3	5	3	5	3
Private	University of Notre Dame	1	3	1	2	1	2
Public	University of Oklahoma - Norman	0	0	0	0	0	0
Public	University of Oklahoma Health Sciences Center	0	0	0	0	0	0
Public	University of Oregon	0	0	0	0	0	0
Private	University of Pennsylvania	8	1	8	1	9	0
Public	University of Pittsburgh - Pittsburgh	2	5	2	5	2	4
Public	University of Rhode Island	0	0	0	0	0	0
Private	University of Rochester	0	5	0	6	0	6
Public	University of South Carolina - Columbia	0	1	0	0	0	0
Public	University of South Florida	0	0	0	0	0	0
Private	University of Southern California	6	2	6	2	7	1
Public	University of Tennessee - Knoxville	0	1	0	0	0	1
Public	University of Tennessee Health Science Center	0	0	0	0	0	0
Public	University of Texas - Austin	3	4	4	3	5	2
Public	University of Texas Health Science Center - Houston	0	0	0	0	0	0
Public	University of Texas Health Science Ctr - San Antonio	0	0	0	0	0	0
Public	University of Texas MD Anderson Cancer Center	0	2	0	0	0	1
Public	University of Texas Medical Branch - Galveston	0	0	0	0	0	1
Public	University of Texas SW Medical Center - Dallas	0	5	1	4	0	4
Public	University of Utah	0	4	0	5	0	5
Public	University of Vermont	0	0	0	0	0	0
Public	University of Virginia	3	4	3	4	3	4
Public	University of Washington - Seattle	7	1	7	1	7	0
Public	University of Wisconsin - Madison	7	1	7	1	7	1
Public	University of Wyoming	0	0	0	0	0	0
Public	US Naval Postgraduate School	0	0	0	0	0	0
Public	Utah State University	0	0	0	0	0	0
Private	Vanderbilt University	2	3	1	4	2	3
Public	Virginia Commonwealth University	0	0	0	0	0	0
Public	Virginia Polytechnic Institute and State University	0	2	0	2	0	2
Private	Wake Forest University	0	0	0	0	0	1
Public	Washington State University - Pullman	0	0	0	0	0	0
Private	Washington University	7	1	6	2	6	2
Public	Wayne State University	0	0	0	0	0	0
Public	West Virginia University	0	0	0	0	0	0
Private	Woods Hole Oceanographic Institution	0	0	0	0	0	0
Private	Yale University	7	2	7	2	6	2
Private	Yeshiva University	1	1	1	1	1	0

Institutional Control Rankings

2000 No. of Measures in Top 25 Nationally	2000 No. of Measures in Top 26-50 Nationally	2003 No. of Measures in Top 25 Among Privates/Publics	2003 No. of Measures in Top 26-50 Among Privates/Publics	2002 No. of Measures in Top 25 Among Privates/Publics	2002 No. of Measures in Top 26-50 Among Privates/Publics	2001 No. of Measures in Top 25 Among Privates/Publics	2001 No. of Measures in Top 26-50 Among Privates/Publics	2000 No. of Measures in Top 25 Among Privates/Publics	2000 No. of Measures in Top 26-50 Among Privates/Publics
0	0	0	0	0	0	0	0	0	0
0	0	0	4	0	4	0	3	0	4
0	0	0	1	0	1	0	0	0	0
1	3	6	2	6	3	5	4	5	4
0	1	0	3	0	3	0	3	0	3
0	0	0	3	0	1	0	2	0	1
0	0	0	4	0	2	0	2	0	1
0	3	3	4	3	3	4	1	3	4
8	0	9	0	9	0	9	0	9	0
8	0	8	1	8	1	8	1	8	1
0	0	1	0	0	0	0	0	0	0
0	1	0	6	0	7	0	7	0	6
1	1	1	3	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	4	0	1	0	1	0	2
5	2	9	0	9	0	9	0	9	0
1	3	3	6	3	6	3	6	3	6
0	0	0	2	0	3	0	2	0	3
0	0	0	0	0	0	0	0	0	0
0	0	0	3	0	1	0	1	0	3
9	0	9	0	9	0	9	0	9	0
2	3	7	2	7	2	6	2	6	2
0	0	0	0	0	0	0	0	0	0
0	5	6	2	6	3	7	2	6	2
0	1	0	4	0	5	0	3	0	3
0	0	0	1	0	1	0	1	0	1
7	1	8	0	8	0	8	0	8	0
0	1	0	3	0	3	0	3	0	2
0	0	0	0	0	0	0	0	0	0
4	4	7	2	7	2	7	2	7	2
0	0	0	1	0	2	0	3	0	3
0	0	0	1	0	1	0	1	0	0
1	0	1	3	0	4	1	4	1	4
0	1	0	2	0	2	1	1	1	1
2	2	5	2	4	3	4	3	4	3
0	5	3	5	3	4	5	3	5	2
0	0	0	0	0	0	0	0	0	0
1	6	7	1	7	2	8	1	7	2
7	0	8	0	8	1	8	1	8	1
7	1	9	0	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	1	0	0	0	0	0	0
3	3	8	0	8	0	7	1	7	2
0	0	0	0	0	0	0	1	0	2
0	1	1	7	0	7	0	7	1	6
0	1	0	7	0	7	0	6	0	7
0	0	0	3	0	3	0	4	0	2
5	3	8	1	8	1	8	1	8	1
0	1	0	4	0	2	0	3	0	5
0	0	0	0	0	0	0	1	0	1
0	0	0	2	0	3	0	3	0	3
6	1	9	0	9	0	9	0	9	0
0	2	3	5	4	4	2	6	2	6

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. In the case of faculty awards, we limit institutions to those with at least three faculty awards. Tables in this section include:

- **2001 Total Research Expenditures**
- **2001 Federal Research Expenditures**
- **2002 Endowment Assets**
- **2002 Annual Giving**
- **2002 National Academy Membership**
- **2002 Faculty Awards**
- **2002 Doctorates Awarded**
- **2001 Postdoctoral Appointees**
- **2001 SAT Scores**
- **2002 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 online at [<http://thecenter.ufl.edu>].

The Top 200 Institutions – Total Research Expenditures (2001)

Top 50 Institutions in Total Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	999,246	1	1	Private
University of California - Los Angeles	693,801	2	1	Public
University of Wisconsin - Madison	604,143	3	2	Public
University of Michigan - Ann Arbor	600,523	4	3	Public
University of Washington - Seattle	589,626	5	4	Public
University of California - San Diego	556,533	6	5	Public
University of California - San Francisco	524,975	7	6	Public
Stanford University	482,906	8	2	Private
University of Pennsylvania	469,852	9	3	Private
University of Minnesota - Twin Cities	462,011	10	7	Public
University of California - Berkeley	446,273	11	8	Public
Cornell University	443,828	12	4	Private
Massachusetts Institute of Technology	435,495	13	5	Private
University of California - Davis	432,396	14	9	Public
Pennsylvania State University - University Park	412,259	15	10	Public
Texas A&M University	407,041	16	11	Public
Washington University	406,642	17	6	Private
University of Illinois - Urbana-Champaign	390,863	18	12	Public
Ohio State University - Columbus	390,652	19	13	Public
Baylor College of Medicine	381,461	20	7	Private
Duke University	375,133	21	8	Private
Harvard University	372,107	22	9	Private
University of Arizona	367,128	23	14	Public
University of Florida	359,312	24	15	Public
Columbia University	354,497	25	10	Private
University of Pittsburgh - Pittsburgh	348,792	26	16	Public
University of Southern California	340,597	27	11	Private
Yale University	321,514	28	12	Private
Georgia Institute of Technology	306,533	29	17	Public
University of North Carolina - Chapel Hill	303,576	30	18	Public
North Carolina State University	299,259	31	19	Public
University of Texas - Austin	295,104	32	20	Public
University of Georgia	272,298	33	21	Public
University of Maryland - College Park	267,383	34	22	Public
Michigan State University	265,946	35	23	Public
Northwestern University	257,933	36	13	Private
University of Iowa	255,348	37	24	Public
Purdue University - West Lafayette	254,917	38	25	Public
University of Maryland - Baltimore	239,007	39	26	Public
Emory University	236,997	40	14	Private
University of Rochester	234,261	41	15	Private
University of Illinois - Chicago	233,098	42	27	Public
University of Alabama - Birmingham	231,702	43	28	Public
University of Texas SW Medical Center - Dallas	222,376	44	29	Public
Virginia Polytechnic Institute and State University	216,323	45	30	Public
California Institute of Technology	215,085	46	16	Private
University of Texas MD Anderson Cancer Center	212,746	47	31	Public
University of Kentucky	211,721	48	32	Public
Rutgers the State University of NJ - New Brunswick	210,746	49	33	Public
University of Colorado - Boulder	201,010	50	34	Public

The Top 200 Institutions – Total Research Expenditures (2001), continued

Top 51-100 Institutions in Total Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Case Western Reserve University	198,253	51	17	Private
University of Utah	197,597	52	35	Public
University of Chicago	194,125	53	18	Private
University of Cincinnati - Cincinnati	192,895	54	36	Public
New York University	190,722	55	19	Private
University at Buffalo	186,829	56	37	Public
Vanderbilt University	186,504	57	20	Private
Louisiana State University - Baton Rouge	185,549	58	38	Public
University of California - Irvine	179,866	59	39	Public
Iowa State University	179,196	60	40	Public
Mount Sinai School of Medicine	176,946	61	21	Private
Wayne State University	175,984	62	41	Public
University of Missouri - Columbia	174,782	63	42	Public
Boston University	172,031	64	22	Private
University of South Florida	171,550	65	43	Public
Stony Brook University	168,487	66	44	Public
University of Medicine & Dentistry of New Jersey	162,417	67	45	Public
Colorado State University	161,144	68	46	Public
University of Colorado Health Sciences Center	160,808	69	47	Public
University of Nebraska - Lincoln	157,520	70	48	Public
University of Hawaii - Manoa	156,976	71	49	Public
University of New Mexico - Albuquerque	156,619	72	50	Public
Indiana University-Purdue University - Indianapolis	155,939	73	51	Public
Oregon State University	153,925	74	52	Public
University of Miami	153,772	75	23	Private
University of Virginia	149,547	76	53	Public
Princeton University	149,411	77	24	Private
Yeshiva University	148,230	78	25	Private
Mississippi State University	146,939	79	54	Public
Rockefeller University	145,571	80	26	Private
Carnegie Mellon University	144,882	81	27	Private
Oregon Health & Science University	136,785	82	55	Public
University of Texas Health Science Center - Houston	125,439	83	56	Public
Clemson University	123,885	84	57	Public
Utah State University	121,359	85	58	Public
Arizona State University - Tempe	118,763	86	59	Public
Medical University of South Carolina	116,687	87	60	Public
University of California - Santa Barbara	116,372	88	61	Public
University of Texas Health Science Ctr - San Antonio	115,154	89	62	Public
Florida State University	113,817	90	63	Public
University of Tennessee - Knoxville	111,710	91	64	Public
University of Massachusetts Medical Sch - Worcester	111,221	92	65	Public
University of Alaska - Fairbanks	110,195	93	66	Public
University of South Carolina - Columbia	109,973	94	67	Public
Dartmouth College	109,096	95	28	Private
Auburn University	106,347	96	68	Public
Tufts University	105,806	97	29	Private
Indiana University - Bloomington	103,960	98	69	Public
University of Texas Medical Branch - Galveston	102,722	99	70	Public
Tulane University	99,761	100	30	Private

The Top 200 Institutions – Total Research Expenditures (2001), continued

Top 101-150 Institutions in Total Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Washington State University - Pullman	99,302	101	71	Public
Georgetown University	99,228	102	31	Private
Virginia Commonwealth University	99,180	103	72	Public
Wake Forest University	98,343	104	32	Private
University of Massachusetts - Amherst	97,976	105	73	Public
University of California - Riverside	94,455	106	74	Public
Kansas State University	94,030	107	75	Public
University of Kansas - Lawrence	93,880	108	76	Public
University of Connecticut - Storrs	92,045	109	77	Public
Brown University	91,636	110	33	Private
Woods Hole Oceanographic Institution	91,029	111	34	Private
University of Oklahoma - Norman	90,704	112	78	Public
Oklahoma State University - Stillwater	90,311	113	79	Public
Thomas Jefferson University	88,936	114	35	Private
University of New Hampshire - Durham	87,879	115	80	Public
New Mexico State University - Las Cruces	86,963	116	81	Public
Medical College of Wisconsin	83,857	117	36	Private
University of Central Florida	79,287	118	82	Public
University of Arkansas - Fayetteville	78,303	119	83	Public
University of Delaware	77,491	120	84	Public
University of Vermont	75,597	121	85	Public
George Washington University	73,805	122	37	Private
University of Louisville	72,857	123	86	Public
University of Connecticut - Health Center	72,321	124	87	Public
West Virginia University	71,311	125	88	Public
Rush University	70,219	126	38	Private
University at Albany	70,119	127	89	Public
Montana State University - Bozeman	69,593	128	90	Public
University of Idaho	67,496	129	91	Public
North Dakota State University	64,882	130	92	Public
University of California - Santa Cruz	64,253	131	93	Public
University of Maine - Orono	64,070	132	94	Public
University of Kansas Medical Center	62,587	133	95	Public
University of Nebraska Medical Center	60,695	134	96	Public
Temple University	60,182	135	97	Public
University of Nevada - Reno	59,229	136	98	Public
Louisiana State University Health Sciences Center	59,160	137	99	Public
San Diego State University	58,332	138	100	Public
University of Oklahoma Health Sciences Center	57,991	139	101	Public
Texas Tech University	54,987	140	102	Public
Brandeis University	52,818	141	39	Private
Medical College of Georgia	52,191	142	103	Public
University of Arkansas for Medical Sciences	51,921	143	104	Public
University of Houston - University Park	51,567	144	105	Public
University of Rhode Island	50,835	145	106	Public
University of Tennessee Health Science Center	48,569	146	107	Public
University of Notre Dame	46,096	147	40	Private
Pennsylvania State University - Hershey Medical Ctr	45,807	148	108	Public
Rensselaer Polytechnic Institute	45,010	149	41	Private
Florida International University	44,291	150	109	Public

The Top 200 Institutions – Total Research Expenditures (2001), continued

Top 151-200 Institutions in Total Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
New Jersey Institute of Technology	44,177	151	110	Public
University of Alabama - Huntsville	43,731	152	111	Public
Southern Illinois University - Carbondale	43,207	153	112	Public
Rice University	42,675	154	42	Private
Syracuse University	42,476	155	43	Private
University of Wyoming	41,632	156	113	Public
University of Dayton	41,343	157	44	Private
US Naval Postgraduate School	40,889	158	114	Public
Texas A&M University System Health Sciences Center	40,859	159	115	Public
University of Mississippi - Oxford	39,552	160	116	Public
Georgia State University	38,960	161	117	Public
Loyola University Chicago	37,156	162	45	Private
University of Oregon	36,881	163	118	Public
Charles R. Drew University of Medicine and Science	36,717	164	46	Private
University of Maryland Center for Environmental Science	36,635	165	119	Public
College of William and Mary	35,829	166	120	Public
Northeastern University	34,467	167	47	Private
University of Montana - Missoula	33,535	168	121	Public
University of Alabama - Tuscaloosa	33,133	169	122	Public
George Mason University	32,881	170	123	Public
MCP Hahnemann University	32,462	171	48	Private
University of Maryland Biotechnology Institute	32,458	172	124	Public
Saint Louis University - St. Louis	32,442	173	49	Private
University of Louisiana - Lafayette	32,073	174	125	Public
Wright State University - Dayton	32,033	175	126	Public
State Univ. of New York Health Science Ctr - Brooklyn	31,626	176	127	Public
Boston College	30,768	177	50	Private
Howard University	30,148	178	51	Private
Desert Research Institute	29,697	179	128	Public
University of Maryland - Baltimore County	29,641	180	129	Public
Michigan Technological University	29,613	181	130	Public
University of Memphis	29,445	182	131	Public
Lehigh University	29,058	183	52	Private
University of Missouri - Rolla	28,799	184	132	Public
New Mexico Institute of Mining and Technology	28,392	185	133	Public
State Univ. of New York - Coll of Enviro Sci and Forestry	27,854	186	134	Public
Drexel University	27,698	187	53	Private
Ohio University - Athens	27,146	188	135	Public
University of Nevada - Las Vegas	27,008	189	136	Public
Loma Linda University	26,451	190	54	Private
Eastern Virginia Medical School	26,250	191	55	Private
Jackson State University	25,663	192	137	Public
Florida Atlantic University	25,111	193	138	Public
Old Dominion University	24,659	194	139	Public
New York Medical College	24,283	195	56	Private
University of New Orleans	24,202	196	140	Public
University of Puerto Rico - Medical Sciences	23,913	197	141	Public
Florida A&M University	23,865	198	142	Public
Colorado School of Mines	23,654	199	143	Public
University of Wisconsin - Milwaukee	23,492	200	144	Public

The Top 200 Institutions – Federal Research Expenditures (2001)

Top 50 Institutions in Federal Research Expenditures (2001)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	879,741	1	1	Private
University of Washington - Seattle	435,103	2	1	Public
University of Michigan - Ann Arbor	396,117	3	2	Public
Stanford University	384,468	4	2	Private
University of Pennsylvania	351,996	5	3	Private
University of California - San Diego	343,276	6	3	Public
Columbia University	317,928	7	4	Private
University of California - Los Angeles	312,858	8	4	Public
Massachusetts Institute of Technology	304,319	9	5	Private
University of Wisconsin - Madison	304,009	10	5	Public
Harvard University	300,414	11	6	Private
Washington University	284,928	12	7	Private
University of California - San Francisco	277,489	13	6	Public
University of Pittsburgh - Pittsburgh	268,571	14	7	Public
University of Minnesota - Twin Cities	264,289	15	8	Public
Yale University	250,702	16	8	Private
University of Southern California	246,207	17	9	Private
Cornell University	240,466	18	10	Private
Baylor College of Medicine	234,394	19	11	Private
University of North Carolina - Chapel Hill	221,615	20	9	Public
Pennsylvania State University - University Park	221,356	21	10	Public
Duke University	218,109	22	12	Private
University of California - Berkeley	208,080	23	11	Public
University of Arizona	199,484	24	12	Public
University of Illinois - Urbana-Champaign	195,316	25	13	Public
University of Texas - Austin	195,184	26	14	Public
University of Alabama - Birmingham	194,625	27	15	Public
California Institute of Technology	193,554	28	13	Private
University of Colorado - Boulder	172,840	29	16	Public
Emory University	170,317	30	14	Private
University of Rochester	166,945	31	15	Private
Ohio State University - Columbus	161,092	32	17	Public
Case Western Reserve University	158,852	33	16	Private
Northwestern University	158,129	34	17	Private
University of Chicago	155,566	35	18	Private
University of Iowa	155,249	36	18	Public
University of California - Davis	154,937	37	19	Public
Boston University	150,771	38	19	Private
Texas A&M University	149,382	39	20	Public
Vanderbilt University	146,230	40	20	Private
University of Maryland - College Park	145,515	41	21	Public
Georgia Institute of Technology	143,836	42	22	Public
University of Florida	139,744	43	23	Public
University of Colorado Health Sciences Center	132,716	44	24	Public
University of Texas SW Medical Center - Dallas	131,820	45	25	Public
New York University	129,897	46	21	Private
University of Cincinnati - Cincinnati	128,049	47	26	Public
University of Utah	127,253	48	27	Public
University of Illinois - Chicago	125,109	49	28	Public
University of Virginia	122,868	50	29	Public

The Top 200 Institutions – Federal Research Expenditures (2001), continued

Top 51-100 Institutions in Federal Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Michigan State University	112,359	51	30	Public
University of Miami	111,803	52	22	Private
Oregon Health & Science University	111,671	53	31	Public
University of New Mexico - Albuquerque	109,505	54	32	Public
Mount Sinai School of Medicine	109,344	55	23	Private
Yeshiva University	107,800	56	24	Private
University of California - Irvine	101,735	57	33	Public
Colorado State University	101,308	58	34	Public
University of Maryland - Baltimore	99,091	59	35	Public
Purdue University - West Lafayette	98,151	60	36	Public
University of Hawaii - Manoa	97,716	61	37	Public
Carnegie Mellon University	97,463	62	25	Private
University at Buffalo	96,595	63	38	Public
North Carolina State University	95,875	64	39	Public
University of Texas MD Anderson Cancer Center	94,053	65	40	Public
Georgetown University	93,626	66	26	Private
Stony Brook University	93,265	67	41	Public
University of Texas Health Science Center - Houston	88,545	68	42	Public
University of Kentucky	86,239	69	43	Public
University of Medicine & Dentistry of New Jersey	86,054	70	44	Public
Oregon State University	84,854	71	45	Public
University of Massachusetts Medical Sch - Worcester	79,453	72	46	Public
Wayne State University	79,448	73	47	Public
Princeton University	78,620	74	27	Private
Wake Forest University	78,021	75	28	Private
Virginia Polytechnic Institute and State University	77,384	76	48	Public
University of California - Santa Barbara	76,828	77	49	Public
Woods Hole Oceanographic Institution	75,670	78	29	Private
Utah State University	74,251	79	50	Public
Tufts University	71,669	80	30	Private
University of Texas Health Science Ctr - San Antonio	71,153	81	51	Public
Indiana University-Purdue University - Indianapolis	70,069	82	52	Public
Dartmouth College	69,844	83	31	Private
Rutgers the State University of NJ - New Brunswick	68,669	84	53	Public
University of Missouri - Columbia	68,435	85	54	Public
University of Georgia	66,913	86	55	Public
Mississippi State University	65,493	87	56	Public
Louisiana State University - Baton Rouge	65,291	88	57	Public
Thomas Jefferson University	64,881	89	32	Private
University of Texas Medical Branch - Galveston	64,682	90	58	Public
Medical College of Wisconsin	64,003	91	33	Private
Iowa State University	62,024	92	59	Public
New Mexico State University - Las Cruces	61,124	93	60	Public
Medical University of South Carolina	60,543	94	61	Public
University of South Florida	58,826	95	62	Public
Brown University	58,367	96	34	Private
Virginia Commonwealth University	57,315	97	63	Public
Florida State University	57,075	98	64	Public
Arizona State University - Tempe	56,616	99	65	Public
Tulane University	55,669	100	35	Private

The Top 200 Institutions – Federal Research Expenditures (2001), *continued*

Top 101-150 Institutions in Federal Research Expenditures (2001)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Rockefeller University	55,362	101	36	Private
University of Alaska - Fairbanks	55,287	102	66	Public
University of South Carolina - Columbia	51,983	103	67	Public
George Washington University	51,757	104	37	Private
University of Massachusetts - Amherst	49,576	105	68	Public
University of Vermont	48,810	106	69	Public
University of Tennessee - Knoxville	48,739	107	70	Public
Clemson University	48,560	108	71	Public
Indiana University - Bloomington	46,712	109	72	Public
University at Albany	46,671	110	73	Public
University of New Hampshire - Durham	45,223	111	74	Public
Washington State University - Pullman	43,989	112	75	Public
University of Kansas - Lawrence	43,951	113	76	Public
University of Nebraska - Lincoln	43,877	114	77	Public
University of Rhode Island	43,161	115	78	Public
University of Delaware	41,830	116	79	Public
Temple University	41,643	117	80	Public
US Naval Postgraduate School	40,121	118	81	Public
Auburn University	40,097	119	82	Public
University of Connecticut - Health Center	39,907	120	83	Public
Rush University	37,301	121	38	Private
Rice University	35,682	122	39	Private
Montana State University - Bozeman	34,857	123	84	Public
University of Oklahoma - Norman	34,350	124	85	Public
University of Arkansas for Medical Sciences	34,219	125	86	Public
University of Dayton	34,102	126	40	Private
Kansas State University	33,998	127	87	Public
University of Oregon	32,232	128	88	Public
University of Nevada - Reno	31,386	129	89	Public
University of Alabama - Huntsville	30,625	130	90	Public
University of Kansas Medical Center	30,543	131	91	Public
University of Mississippi - Oxford	30,108	132	92	Public
University of Connecticut - Storrs	30,106	133	93	Public
Syracuse University	30,036	134	41	Private
Brandeis University	30,031	135	42	Private
University of Tennessee Health Science Center	29,872	136	94	Public
University of Notre Dame	29,801	137	43	Private
West Virginia University	29,440	138	95	Public
University of California - Santa Cruz	29,201	139	96	Public
Saint Louis University - St. Louis	28,117	140	44	Private
Howard University	27,848	141	45	Private
Charles R. Drew University of Medicine and Science	27,415	142	46	Private
University of Idaho	26,548	143	97	Public
Loyola University Chicago	26,474	144	47	Private
George Mason University	25,992	145	98	Public
University of Oklahoma Health Sciences Center	25,914	146	99	Public
Rensselaer Polytechnic Institute	25,894	147	48	Private
University of California - Riverside	25,713	148	100	Public
Oklahoma State University - Stillwater	25,636	149	101	Public
University of Louisville	25,116	150	102	Public

The Top 200 Institutions – Federal Research Expenditures (2001), continued

Top 151-200 Institutions in Federal Research Expenditures (2001)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Pennsylvania State University - Hershey Medical Ctr	24,595	151	103	Public
Florida International University	23,940	152	104	Public
University of Maine - Orono	23,873	153	105	Public
University of Maryland - Baltimore County	23,695	154	106	Public
San Diego State University	23,621	155	107	Public
Northeastern University	23,532	156	49	Private
University of Arkansas - Fayetteville	23,172	157	108	Public
MCP Hahnemann University	22,944	158	50	Private
State Univ. of New York Health Science Ctr - Brooklyn	22,860	159	109	Public
Jackson State University	22,750	160	110	Public
University of Nebraska Medical Center	22,497	161	111	Public
Florida A&M University	22,477	162	112	Public
University of Central Florida	22,342	163	113	Public
University of Alabama - Tuscaloosa	22,183	164	114	Public
Desert Research Institute	22,018	165	115	Public
University of Houston - University Park	21,876	166	116	Public
Medical College of Georgia	21,116	167	117	Public
Louisiana State University Health Sciences Center	20,818	168	118	Public
Loma Linda University	20,494	169	51	Private
Drexel University	20,159	170	52	Private
Boston College	20,123	171	53	Private
University of Wyoming	20,017	172	119	Public
University of Puerto Rico - Medical Sciences	19,433	173	120	Public
University of Montana - Missoula	19,194	174	121	Public
New Jersey Institute of Technology	18,530	175	122	Public
Texas A&M University System Health Sciences Center	18,384	176	123	Public
New York Medical College	18,344	177	54	Private
Morehouse School of Medicine	18,127	178	55	Private
University of Southern Mississippi	18,061	179	124	Public
Michigan Technological University	17,620	180	125	Public
Texas Tech University	17,230	181	126	Public
University of Texas - El Paso	16,167	182	127	Public
University of North Dakota	15,743	183	128	Public
University of Nevada - Las Vegas	15,681	184	129	Public
Wright State University - Dayton	15,417	185	130	Public
College of William and Mary	15,288	186	131	Public
Old Dominion University	15,280	187	132	Public
North Dakota State University	15,207	188	133	Public
Clark Atlanta University	14,354	189	56	Private
San Jose State University	14,301	190	134	Public
Florida Atlantic University	14,099	191	135	Public
OGI School of Science & Engineering at OSHU	14,072	192	136	Public
Lehigh University	13,961	193	57	Private
Georgia State University	13,575	194	137	Public
Catholic University of America	13,308	195	58	Private
New Mexico Institute of Mining and Technology	13,255	196	138	Public
City University of New York - City College	13,022	197	139	Public
Ohio University - Athens	12,898	198	140	Public
Colorado School of Mines	12,314	199	141	Public
University of Louisiana - Lafayette	12,130	200	142	Public

The Top 200 Institutions – Endowment Assets (2002)

Top 50 Institutions in Endowment Assets (2002)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	17,169,757	1	1	Private
Yale University	10,523,600	2	2	Private
Princeton University	8,319,600	3	3	Private
Stanford University	7,613,000	4	4	Private
Massachusetts Institute of Technology	5,359,423	5	5	Private
Emory University	4,551,873	6	6	Private
Columbia University	4,208,373	7	7	Private
Washington University	3,517,104	8	8	Private
Texas A&M University	3,503,862	9	1	Public
University of Pennsylvania	3,393,297	10	9	Private
University of Chicago	3,255,368	11	10	Private
University of Michigan - Ann Arbor	3,240,661	12	2	Public
Northwestern University	3,022,733	13	11	Private
Rice University	2,939,804	14	12	Private
Duke University	2,927,478	15	13	Private
Cornell University	2,853,742	16	14	Private
University of Notre Dame	2,554,004	17	15	Private
Dartmouth College	2,186,610	18	16	Private
University of Southern California	2,130,977	19	17	Private
Vanderbilt University	2,019,612	20	18	Private
University of California - Berkeley	1,774,200	21	3	Public
Johns Hopkins University	1,695,150	22	19	Private
University of Virginia	1,686,625	23	4	Public
University of Minnesota - Twin Cities	1,501,394	24	5	Public
Brown University	1,414,285	25	20	Private
University of Texas - Austin	1,351,158	26	6	Public
Case Western Reserve University	1,347,054	27	21	Private
Rockefeller University	1,288,100	28	22	Private
University of California - Los Angeles	1,224,018	29	7	Public
New York University	1,177,600	30	23	Private
California Institute of Technology	1,154,540	31	24	Private
University of Pittsburgh - Pittsburgh	1,153,362	32	8	Public
University of Rochester	1,141,722	33	25	Private
University of Washington - Seattle	1,111,726	34	9	Public
Purdue University - West Lafayette	1,098,939	35	10	Public
Grinnell College	1,075,153	36	26	Private
Georgia Institute of Technology	1,073,443	37	11	Public
University of North Carolina - Chapel Hill	1,070,772	38	12	Public
Williams College	1,060,043	39	27	Private
Wellesley College	1,032,465	40	28	Private
Pomona College	1,018,179	41	29	Private
University of Wisconsin - Madison	1,000,857	42	13	Public
University of Richmond	998,201	43	30	Private
Boston College	964,313	44	31	Private
Ohio State University - Columbus	960,079	45	14	Public
Swarthmore College	894,236	46	32	Private
University of Cincinnati - Cincinnati	894,031	47	15	Public
Baylor College of Medicine	885,915	48	33	Private
University of Delaware	868,225	49	16	Public
Yeshiva University	864,020	50	34	Private

The Top 200 Institutions – Endowment Assets (2002), continued

Top 51-100 Institutions in Endowment Assets (2002)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Amherst College	860,189	51	35	Private
Smith College	851,253	52	36	Private
Southern Methodist University	831,116	53	37	Private
Texas Christian University	829,516	54	38	Private
University of California - San Francisco	797,414	55	17	Public
Wake Forest University	732,570	56	39	Private
University of Texas SW Medical Center - Dallas	724,188	57	18	Public
Berea College	716,523	58	40	Private
Pennsylvania State University - University Park	695,128	59	19	Public
Saint Louis University - St. Louis	692,126	60	41	Private
University of Tulsa	679,691	61	42	Private
Lehigh University	677,761	62	43	Private
Carnegie Mellon University	667,807	63	44	Private
Syracuse University	657,769	64	45	Private
University of Iowa	657,682	65	20	Public
Tufts University	651,808	66	46	Private
George Washington University	646,964	67	47	Private
University of Illinois - Urbana-Champaign	608,545	68	21	Public
Georgetown University	606,718	69	48	Private
Tulane University	600,964	70	49	Private
Trinity University	599,347	71	50	Private
University of Kansas - Lawrence	585,749	72	22	Public
Baylor University	584,333	73	51	Private
University of Florida	583,407	74	23	Public
Boston University	578,473	75	52	Private
University of Nebraska - Lincoln	576,798	76	24	Public
University of Arkansas - Fayetteville	569,859	77	25	Public
Middlebury College	563,124	78	53	Private
Vassar College	554,199	79	54	Private
Oberlin College	535,735	80	55	Private
Rensselaer Polytechnic Institute	530,850	81	56	Private
Michigan State University	523,284	82	26	Public
Indiana University - Bloomington	497,115	83	27	Public
Wesleyan University	484,289	84	57	Private
Lafayette College	479,989	85	58	Private
University of Louisville	478,917	86	28	Public
Washington State University - Pullman	473,225	87	29	Public
Carleton College	457,488	88	59	Private
University of Tennessee - Knoxville	446,948	89	30	Public
Macalester College	442,395	90	60	Private
Colgate University	439,437	91	61	Private
Washington and Lee University	435,561	92	62	Private
Bowdoin College	430,623	93	63	Private
Indiana University-Purdue University - Indianapolis	430,196	94	31	Public
University of Miami	426,955	95	64	Private
Northeastern University	422,920	96	65	Private
University of Georgia	421,807	97	32	Public
Santa Clara University	406,694	98	66	Private
University of California - Davis	400,837	99	33	Public
Hamilton College (NY)	400,374	100	67	Private

The Top 200 Institutions – Endowment Assets (2002), continued

Top 101-150 Institutions in Endowment Assets (2002)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Bryn Mawr College	400,332	101	68	Private
Pepperdine University	399,400	102	69	Private
Denison University	399,317	103	70	Private
University of Oklahoma - Norman	398,805	104	34	Public
University of Kentucky	397,763	105	35	Public
University at Buffalo	388,216	106	36	Public
Brandeis University	384,335	107	71	Private
Principia College	383,757	108	72	Private
University of Missouri - Columbia	381,177	109	37	Public
DePauw University	378,910	110	73	Private
Bucknell University	364,634	111	74	Private
Rochester Institute of Technology	358,671	112	75	Private
College of William and Mary	357,012	113	38	Public
Mount Holyoke College	355,915	114	76	Private
Rutgers the State University of NJ - New Brunswick	355,799	115	39	Public
University of Alabama - Tuscaloosa	354,909	116	40	Public
Colorado College	351,404	117	77	Private
Agnes Scott College	338,509	118	78	Private
College of the Holy Cross	336,614	119	79	Private
Trinity College (CT)	336,232	120	80	Private
Iowa State University	335,927	121	41	Public
Texas Tech University	332,456	122	42	Public
Virginia Polytechnic Institute and State University	328,680	123	43	Public
Florida State University	325,098	124	44	Public
University of Utah	324,624	125	45	Public
Colby College	322,559	126	81	Private
Howard University	312,739	127	82	Private
Earlham College	311,575	128	83	Private
North Carolina State University	297,566	129	46	Public
University of Texas Medical Branch - Galveston	295,898	130	47	Public
University of Houston - University Park	294,158	131	48	Public
University of South Carolina - Columbia	292,562	132	49	Public
University of Arizona	292,380	133	50	Public
Davidson College	292,338	134	84	Private
Rush University	292,303	135	85	Private
Claremont McKenna College	292,155	136	86	Private
Reed College	290,959	137	87	Private
University of Maryland - College Park	290,013	138	51	Public
Haverford College	285,173	139	88	Private
University of Mississippi - Oxford	284,069	140	52	Public
Southwestern University	282,935	141	89	Private
West Virginia University	271,970	142	53	Public
Wabash College	271,562	143	90	Private
Regent University	266,341	144	91	Private
Bryn Athyn College of the New Church	265,247	145	92	Private
Loyola University New Orleans	264,791	146	93	Private
University of Texas MD Anderson Cancer Center	263,643	147	54	Public
Worcester Polytechnic Institute	262,198	148	94	Private
University of California - San Diego	259,241	149	55	Public
Whitman College	257,601	150	95	Private

The Top 200 Institutions – Endowment Assets (2002), continued

Top 151-200 Institutions in Endowment Assets (2002)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
University of Dayton	254,752	151	96	Private
University of Alabama - Birmingham	251,185	152	56	Public
College of the Ozarks	250,966	153	97	Private
University of South Alabama - Mobile	249,494	154	57	Public
Oregon Health & Science University	248,362	155	58	Public
Franklin & Marshall College	246,450	156	98	Private
University of South Florida	245,803	157	59	Public
Union College (NY)	238,923	158	99	Private
Oregon State University	235,572	159	60	Public
Woods Hole Oceanographic Institution	234,600	160	100	Private
Wheaton College (IL)	234,025	161	101	Private
Virginia Military Institute	231,202	162	61	Public
Occidental College	230,092	163	102	Private
Furman University	229,999	164	103	Private
University of Oregon	227,990	165	62	Public
University of Texas Health Science Ctr - San Antonio	226,799	166	63	Public
Loyola Marymount University	225,374	167	104	Private
Truckee Meadows Community College	223,633	168	64	Public
Rhode Island School of Design	220,613	169	105	Private
University of the South	220,256	170	106	Private
Samford University	218,590	171	107	Private
Drexel University	218,495	172	108	Private
Auburn University	217,747	173	65	Public
Spelman College	215,032	174	109	Private
University of St. Thomas (MN)	212,669	175	110	Private
Fordham University	210,793	176	111	Private
Miami University - Oxford	208,210	177	66	Public
Marquette University	207,202	178	112	Private
Arizona State University - Tempe	205,660	179	67	Public
Louisiana State University - Baton Rouge	202,000	180	68	Public
Berry College	201,650	181	113	Private
Clemson University	200,989	182	69	Public
Rhodes College (TN)	200,119	183	114	Private
Loyola University Chicago	198,100	184	115	Private
University of Colorado - Boulder	196,852	185	70	Public
DePaul University	192,260	186	116	Private
University of Vermont	191,833	187	71	Public
College of Wooster	189,646	188	117	Private
Drew University	189,584	189	118	Private
Illinois Institute of Technology	189,382	190	119	Private
Willamette University	189,252	191	120	Private
Virginia Commonwealth University	185,127	192	72	Public
Creighton University	182,575	193	121	Private
Thomas Jefferson University	178,569	194	122	Private
St. Lawrence University	173,999	195	123	Private
Villanova University	173,997	196	124	Private
Mercer University - Macon	172,836	197	125	Private
Kansas State University	172,307	198	73	Public
University of Texas - Dallas	171,653	199	74	Public
University of Oklahoma Health Sciences Center	170,917	200	75	Public

The Top 200 Institutions – Annual Giving (2002)

Top 50 Institutions in Annual Giving (2002)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Southern California	585,162	1	1	Private
Harvard University	477,617	2	2	Private
Stanford University	454,770	3	3	Private
Cornell University	363,032	4	4	Private
University of Pennsylvania	319,742	5	5	Private
Johns Hopkins University	318,687	6	6	Private
University of Wisconsin - Madison	307,214	7	1	Public
University of California - Los Angeles	282,343	8	2	Public
Columbia University	271,231	9	7	Private
Duke University	264,580	10	8	Private
Yale University	256,342	11	9	Private
University of Virginia	255,044	12	3	Public
New York University	251,408	13	10	Private
University of Minnesota - Twin Cities	233,338	14	4	Public
University of Washington - Seattle	231,814	15	5	Public
University of California - Berkeley	223,261	16	6	Public
Massachusetts Institute of Technology	220,573	17	11	Private
Michigan State University	211,629	18	7	Public
Emory University	210,372	19	12	Private
University of California - San Francisco	207,228	20	8	Public
Vanderbilt University	198,515	21	13	Private
Princeton University	185,223	22	14	Private
University of Chicago	183,772	23	15	Private
Northwestern University	183,335	24	16	Private
University of North Carolina - Chapel Hill	180,616	25	9	Public
Ohio State University - Columbus	179,493	26	10	Public
University of Florida	179,330	27	11	Public
Purdue University - West Lafayette	164,000	28	12	Public
University of Michigan - Ann Arbor	161,383	29	13	Public
University of Texas - Austin	155,312	30	14	Public
Pennsylvania State University - University Park	140,931	31	15	Public
Washington University	137,226	32	17	Private
University of Cincinnati - Cincinnati	131,475	33	16	Public
University of Illinois - Urbana-Champaign	129,555	34	17	Public
University of Utah	127,760	35	18	Public
University of Notre Dame	126,755	36	18	Private
North Carolina State University	122,164	37	19	Public
University of Arizona	119,687	38	20	Public
Texas A&M University	118,204	39	21	Public
University of Texas SW Medical Center - Dallas	117,557	40	22	Public
Indiana University-Purdue University - Indianapolis	117,520	41	23	Public
California Institute of Technology	113,260	42	19	Private
University of Mississippi - Oxford	104,632	43	24	Public
University of California - San Diego	101,214	44	25	Public
Case Western Reserve University	100,131	45	20	Private
Brigham Young University - Provo	97,255	46	21	Private
Rockefeller University	91,257	47	22	Private
Boston University	90,589	48	23	Private
University of Missouri - Columbia	90,339	49	26	Public
University of Miami	86,222	50	24	Private

The Top 200 Institutions – Annual Giving (2002), continued

Top 51-100 Institutions in Annual Giving (2002)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Dartmouth College	85,927	51	25	Private
University of Iowa	85,260	52	27	Public
Brown University	85,044	53	26	Private
Tufts University	82,253	54	27	Private
University of California - Davis	81,869	55	28	Public
Baylor College of Medicine	79,252	56	28	Private
Georgetown University	78,896	57	29	Private
Georgia Institute of Technology	78,658	58	29	Public
University of Pittsburgh - Pittsburgh	75,248	59	30	Public
University of Illinois - Chicago	74,659	60	31	Public
Rutgers the State University of NJ - New Brunswick	74,637	61	32	Public
Virginia Polytechnic Institute and State University	72,579	62	33	Public
University of Maryland - College Park	72,279	63	34	Public
University of Tennessee - Knoxville	69,588	64	35	Public
University of Oklahoma - Norman	67,579	65	36	Public
University of Oregon	67,142	66	37	Public
University of Nebraska - Lincoln	64,416	67	38	Public
Indiana University - Bloomington	64,269	68	39	Public
University of South Carolina - Columbia	64,235	69	40	Public
University of Arkansas - Fayetteville	63,660	70	41	Public
Brandeis University	63,354	71	30	Private
Oregon Health & Science University	62,159	72	42	Public
Yeshiva University	61,628	73	31	Private
Southern Methodist University	61,413	74	32	Private
Louisiana State University - Baton Rouge	61,400	75	43	Public
Florida State University	61,223	76	44	Public
University of Colorado - Boulder	61,006	77	45	Public
University of Kentucky	60,958	78	46	Public
Iowa State University	60,720	79	47	Public
Arizona State University - Tempe	60,505	80	48	Public
Rice University	59,493	81	33	Private
Wake Forest University	58,738	82	34	Private
University of Texas MD Anderson Cancer Center	57,834	83	49	Public
University of Georgia	57,832	84	50	Public
University of Rochester	57,454	85	35	Private
West Virginia University	57,445	86	51	Public
University of Kansas - Lawrence	57,441	87	52	Public
Rensselaer Polytechnic Institute	57,167	88	36	Private
Boston College	56,014	89	37	Private
University of Alabama - Tuscaloosa	54,569	90	53	Public
Mississippi State University	53,341	91	54	Public
Tulane University	53,177	92	38	Private
San Diego State University	52,706	93	55	Public
Pomona College	52,188	94	39	Private
Wellesley College	51,555	95	40	Private
University of Alabama - Birmingham	51,496	96	56	Public
Smith College	49,339	97	41	Private
George Washington University	48,401	98	42	Private
California Polytechnic State Univ - San Luis Obispo	44,325	99	57	Public
Texas Tech University	43,798	100	58	Public

The Top 200 Institutions – Annual Giving (2002), continued

Top 101-150 Institutions in Annual Giving (2002)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Oregon State University	43,621	101	59	Public
University of Delaware	43,024	102	60	Public
University of Maryland - Baltimore	41,915	103	61	Public
Baylor University	41,327	104	43	Private
University of Texas Medical Branch - Galveston	41,041	105	62	Public
University of South Florida	40,819	106	63	Public
Trinity College (CT)	40,412	107	44	Private
Williams College	40,120	108	45	Private
Clemson University	40,039	109	64	Public
Washington State University - Pullman	39,747	110	65	Public
University of California - Irvine	38,901	111	66	Public
Syracuse University	38,785	112	46	Private
Vassar College	38,223	113	47	Private
Auburn University	38,054	114	67	Public
University of Louisville	37,960	115	68	Public
Kansas State University	37,263	116	69	Public
Carnegie Mellon University	36,294	117	48	Private
University of Nebraska Medical Center	36,029	118	70	Public
University of New Mexico - Albuquerque	35,423	119	71	Public
University of Texas Health Science Center - Houston	34,875	120	72	Public
University of Connecticut - Storrs	34,607	121	73	Public
East Carolina University	32,996	122	74	Public
Temple University	32,898	123	75	Public
University of Massachusetts - Lowell	32,458	124	76	Public
Lehigh University	32,425	125	49	Private
University of Houston - University Park	32,302	126	77	Public
Thomas Jefferson University	31,903	127	50	Private
Middlebury College	31,748	128	51	Private
University of Colorado Health Sciences Center	31,555	129	78	Public
Santa Clara University	31,408	130	52	Private
Oklahoma State University - Stillwater	31,349	131	79	Public
University of Denver	30,983	132	53	Private
University of California - Riverside	30,332	133	80	Public
Medical University of South Carolina	30,123	134	81	Public
University of Richmond	30,080	135	54	Private
Virginia Commonwealth University	29,760	136	82	Public
Rush University	29,600	137	55	Private
University of Texas Health Science Ctr - San Antonio	29,419	138	83	Public
College of William and Mary	28,584	139	84	Public
Florida Atlantic University	28,583	140	85	Public
Western Michigan University	27,773	141	86	Public
Northeastern University	27,701	142	56	Private
Amherst College	27,641	143	57	Private
University of Vermont	27,639	144	87	Public
Davidson College	27,594	145	58	Private
Rochester Institute of Technology	27,484	146	59	Private
Wesleyan University	27,302	147	60	Private
Pepperdine University	26,864	148	61	Private
University of California - Santa Barbara	26,680	149	88	Public
Ball State University	26,665	150	89	Public

The Top 200 Institutions – Annual Giving (2002), continued

Top 151-200 Institutions in Annual Giving (2002)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Calvin College	26,585	151	62	Private
Texas Christian University	26,358	152	63	Private
Lafayette College	25,859	153	64	Private
University of San Francisco	25,663	154	65	Private
Wells College	25,621	155	66	Private
Carleton College	25,618	156	67	Private
University at Buffalo	25,501	157	90	Public
Colgate University	25,468	158	68	Private
University of Dayton	25,467	159	69	Private
University of North Texas	25,196	160	91	Public
Berea College	25,029	161	70	Private
Teachers College at Columbia University	24,849	162	71	Private
Loma Linda University	24,690	163	72	Private
Bucknell University	24,424	164	73	Private
California State University - Long Beach	24,246	165	92	Public
Saint Louis University - St. Louis	24,110	166	74	Private
Northern Arizona University	24,091	167	93	Public
University of Idaho	23,957	168	94	Public
Drexel University	23,868	169	75	Private
University of Oklahoma Health Sciences Center	23,744	170	95	Public
College of the Holy Cross	23,663	171	76	Private
Bryn Mawr College	23,651	172	77	Private
Bowdoin College	23,622	173	78	Private
Pennsylvania State University - Hershey Medical Ctr	23,489	174	96	Public
Saint Mary's College of California	23,420	175	79	Private
Washington and Lee University	23,283	176	80	Private
College of Wooster	23,279	177	81	Private
California State University - Fresno	23,073	178	97	Public
University at Albany	22,959	179	98	Public
University of Missouri - Kansas City	22,937	180	99	Public
Colorado State University	22,820	181	100	Public
University of Indianapolis	22,553	182	82	Private
Loyola University Chicago	22,352	183	83	Private
University of Akron - Akron	22,347	184	101	Public
University of Massachusetts - Amherst	22,222	185	102	Public
Mount Holyoke College	22,199	186	84	Private
Oberlin College	21,858	187	85	Private
Cooper Union for the Advancement of Science & Art	21,675	188	86	Private
Claremont McKenna College	21,119	189	87	Private
Goshen College	20,754	190	88	Private
Villanova University	20,357	191	89	Private
Catholic University of America	20,256	192	90	Private
University of Texas - El Paso	19,893	193	103	Public
East Tennessee State University	19,654	194	104	Public
University of St. Thomas (MN)	19,539	195	91	Private
DePauw University	19,523	196	92	Private
Xavier University	19,295	197	93	Private
Creighton University	19,250	198	94	Private
Hamilton College (NY)	18,881	199	95	Private
Wheaton College (MA)	18,844	200	96	Private

The Top 200 Institutions – National Academy Membership (2002)

Top 50 Institutions in National Academy Membership (2002)	Number of Members	National Rank	Control Rank	Institutional Control
Harvard University	259	1	1	Private
Stanford University	244	2	2	Private
Massachusetts Institute of Technology	232	3	3	Private
University of California - Berkeley	202	4	1	Public
Yale University	108	5	4	Private
California Institute of Technology	95	6	5	Private
University of Pennsylvania	91	7	6	Private
University of California - San Diego	91	7	2	Public
Columbia University	84	9	7	Private
Princeton University	79	10	8	Private
University of Washington - Seattle	79	10	3	Public
Cornell University	78	12	9	Private
University of California - San Francisco	77	13	4	Public
University of Michigan - Ann Arbor	70	14	5	Public
University of Wisconsin - Madison	69	15	6	Public
Johns Hopkins University	63	16	10	Private
University of California - Los Angeles	60	17	7	Public
University of Texas - Austin	53	18	8	Public
University of Chicago	52	19	11	Private
University of Illinois - Urbana-Champaign	51	20	9	Public
Duke University	45	21	12	Private
Rockefeller University	44	22	13	Private
University of California - Santa Barbara	38	23	10	Public
University of Minnesota - Twin Cities	38	23	10	Public
Washington University	37	25	14	Private
University of North Carolina - Chapel Hill	36	26	12	Public
University of Southern California	35	27	15	Private
Northwestern University	34	28	16	Private
New York University	32	29	17	Private
University of Arizona	28	30	13	Public
Rutgers the State University of NJ - New Brunswick	27	31	14	Public
University of California - Davis	27	31	14	Public
University of Colorado - Boulder	26	33	16	Public
Georgia Institute of Technology	26	33	16	Public
University of Texas SW Medical Center - Dallas	25	35	18	Public
Pennsylvania State University - University Park	25	35	18	Public
University of California - Irvine	24	37	20	Public
University of Rochester	23	38	18	Private
Carnegie Mellon University	22	39	19	Private
University of Pittsburgh - Pittsburgh	21	40	21	Public
Rice University	21	40	20	Private
University of Virginia	20	42	22	Public
Scripps Research Institute	20	42	21	Private
Case Western Reserve University	20	42	21	Private
Brown University	19	45	23	Private
University of Maryland - College Park	19	45	23	Public
North Carolina State University	18	47	24	Public
University of Iowa	18	47	24	Public
University of Utah	18	47	24	Public
Ohio State University - Columbus	17	50	27	Public
Texas A&M University	17	50	27	Public

The Top 200 Institutions – National Academy Membership (2002), continued

Institutions with 5 to 16 National Academy Members (2002)	Number of Members	National Rank	Control Rank	Institutional Control
University of Florida	16	52	29	Public
Vanderbilt University	15	53	24	Private
Purdue University - West Lafayette	15	53	30	Public
Baylor College of Medicine	14	55	25	Private
Boston University	13	56	26	Private
Stony Brook University	13	56	31	Public
Emory University	12	58	27	Private
Rensselaer Polytechnic Institute	12	58	27	Private
Virginia Polytechnic Institute and State University	12	58	32	Public
Brandeis University	11	61	29	Private
University of Maryland - Baltimore	11	61	33	Public
Dartmouth College	11	61	29	Private
Mount Sinai School of Medicine	11	61	29	Private
City University of New York - City College	11	61	33	Public
Yeshiva University	10	66	32	Private
Lehigh University	10	66	32	Private
Indiana University - Bloomington	9	68	35	Public
Iowa State University	9	68	35	Public
University of Delaware	9	68	35	Public
University of Colorado Health Sciences Center	9	68	35	Public
University of Houston - University Park	9	68	35	Public
University of Massachusetts - Amherst	9	68	35	Public
University of Alabama - Birmingham	9	68	35	Public
University of California - Santa Cruz	9	68	35	Public
Tufts University	8	76	34	Private
Indiana University-Purdue University - Indianapolis	7	77	43	Public
University of Georgia	7	77	43	Public
Florida State University	7	77	43	Public
University of Oregon	7	77	43	Public
University of Kansas - Lawrence	6	81	47	Public
Howard University	6	81	35	Private
Michigan State University	6	81	47	Public
Colorado State University	6	81	47	Public
Washington State University - Pullman	6	81	47	Public
University of Illinois - Chicago	6	81	47	Public
Oregon Health & Science University	6	81	47	Public
Thomas Jefferson University	5	88	36	Private
Georgetown University	5	88	36	Private
University of Missouri - Columbia	5	88	53	Public
Wayne State University	5	88	53	Public
University of Texas Health Science Center - Houston	5	88	53	Public
University of Cincinnati - Cincinnati	5	88	53	Public
University of Hawaii - Manoa	5	88	53	Public
University at Buffalo	5	88	53	Public
Polytechnic University	5	88	36	Private
Oregon State University	5	88	53	Public

The Top 200 Institutions – National Academy Membership (2002), continued

Institutions with 1 to 4 National Academy Members (2002)	Number of Members	National Rank	Control Rank	Institutional Control
Drexel University	4	98	39	Private
Arizona State University - Tempe	4	98	60	Public
University of California - Riverside	4	98	60	Public
University of Massachusetts Medical School - Worcester	4	98	60	Public
George Washington University	4	98	39	Private
Colorado School of Mines	4	98	60	Public
University of New Mexico - Albuquerque	3	104	64	Public
University of Connecticut - Health Center	3	104	64	Public
Rush University	3	104	41	Private
Illinois Institute of Technology	3	104	41	Private
University of Kentucky	3	104	64	Public
Morehouse School of Medicine	3	104	41	Private
Tulane University	3	104	41	Private
University of Vermont	3	104	64	Public
Oklahoma State University - Stillwater	3	104	64	Public
University of South Florida	3	104	64	Public
Wake Forest University	2	114	45	Private
University of Notre Dame	2	114	45	Private
University of Wyoming	2	114	70	Public
Charles R. Drew University of Medicine and Science	2	114	45	Private
Boston College	2	114	45	Private
University of Nebraska - Lincoln	2	114	70	Public
Louisiana State University - Baton Rouge	2	114	70	Public
University of Nevada - Reno	2	114	70	Public
Michigan Technological University	2	114	70	Public
George Mason University	2	114	70	Public
Southern Methodist University	2	114	45	Private
Bowdoin College	2	114	45	Private
University of Arkansas - Fayetteville	2	114	70	Public
Medical University of South Carolina	2	114	70	Public
University of Oklahoma - Norman	2	114	70	Public
Drew University	2	114	45	Private
University of Miami	2	114	45	Private
Florida Atlantic University	2	114	70	Public
Meharry Medical College	2	114	45	Private
Virginia Commonwealth University	2	114	70	Public
University of Texas Medical Branch - Galveston	2	114	70	Public
Clark University	2	114	45	Private
City University of NY - Graduate Sch and University Ctr	1	136	82	Public
US Naval Academy	1	136	82	Public
Saint Louis University - St. Louis	1	136	55	Private
Kettering University	1	136	55	Private
Becker College - Worcester	1	136	55	Private
Manhattanville College	1	136	55	Private
Creighton University	1	136	55	Private
Fordham University	1	136	55	Private
University of Minnesota - Duluth	1	136	82	Public
University of Medicine & Dentistry of New Jersey	1	136	82	Public
University of Nebraska Medical Center	1	136	82	Public
Manhattan College	1	136	55	Private

The Top 200 Institutions – National Academy Membership (2002), continued

Institutions with at least 1 National Academy Member (2002)	Number of Members	National Rank	Control Rank	Institutional Control
University of Texas Health Science Ctr - San Antonio	1	136	82	Public
University of Louisville	1	136	82	Public
University of Maine - Orono	1	136	82	Public
Haverford College	1	136	55	Private
Villanova University	1	136	55	Private
University of Rhode Island	1	136	82	Public
Clemson University	1	136	82	Public
University of South Carolina - Columbia	1	136	82	Public
University of the Pacific	1	136	55	Private
University of Tennessee - Knoxville	1	136	82	Public
Catholic University of America	1	136	55	Private
University of Texas - Arlington	1	136	82	Public
University of Texas - Dallas	1	136	82	Public
College of William and Mary	1	136	82	Public
Marshall University	1	136	82	Public
Medical College of Wisconsin	1	136	55	Private
Ponce School of Medicine	1	136	55	Private
University of Texas MD Anderson Cancer Center	1	136	82	Public
South Dakota School of Mines and Technology	1	136	82	Public
Bryn Mawr College	1	136	55	Private
Binghamton University	1	136	82	Public
State Univ. of New York - Coll of Enviro Sci and Forestry	1	136	82	Public
State Univ. of New York Health Science Ctr - Brooklyn	1	136	82	Public
Syracuse University	1	136	55	Private
Union College (NY)	1	136	55	Private
University of Akron - Akron	1	136	82	Public
Wright State University - Dayton	1	136	82	Public
Clark Atlanta University	1	136	55	Private
University of Tulsa	1	136	55	Private
Florida International University	1	136	82	Public
University of Arkansas - Little Rock	1	136	82	Public
University of Arkansas for Medical Sciences	1	136	82	Public
California State University - Fullerton	1	136	82	Public
US Naval Postgraduate School	1	136	82	Public
Uniformed Services University of the Health Sciences	1	136	82	Public
University of Colorado - Denver	1	136	82	Public
University of Connecticut - Storrs	1	136	82	Public
New York Medical College	1	136	55	Private
University of Oklahoma Health Sciences Center	1	136	82	Public

The Top 200 Institutions – Faculty Awards (2002)

Top 45 Institutions in Faculty Awards (2002)	Number of Awards	National Rank	Control Rank	Institutional Control
Harvard University	56	1	1	Private
University of Wisconsin - Madison	52	2	1	Public
Columbia University	44	3	2	Private
University of Michigan - Ann Arbor	44	3	2	Public
University of Washington - Seattle	42	5	3	Public
Cornell University	36	6	3	Private
Johns Hopkins University	35	7	4	Private
Massachusetts Institute of Technology	34	8	5	Private
Washington University	31	9	6	Private
University of Pennsylvania	31	9	6	Private
Princeton University	30	11	8	Private
Yale University	28	12	9	Private
Stanford University	27	13	10	Private
University of California - Berkeley	27	13	4	Public
Pennsylvania State University - University Park	26	15	5	Public
University of California - Los Angeles	26	15	5	Public
University of Colorado - Boulder	26	15	5	Public
University of Illinois - Urbana-Champaign	26	15	5	Public
University of North Carolina - Chapel Hill	24	19	9	Public
University of Southern California	23	20	11	Private
Georgia Institute of Technology	21	21	10	Public
University of Arizona	21	21	10	Public
Duke University	21	21	12	Private
Ohio State University - Columbus	21	21	10	Public
University of Virginia	20	25	13	Public
University of Texas - Austin	20	25	13	Public
Boston University	20	25	13	Private
Rockefeller University	19	28	14	Private
University of Utah	19	28	15	Public
University of Maryland - College Park	19	28	15	Public
Stony Brook University	18	31	17	Public
University of Minnesota - Twin Cities	18	31	17	Public
Purdue University - West Lafayette	17	33	19	Public
University of California - San Diego	17	33	19	Public
University of Chicago	17	33	15	Private
Northwestern University	17	33	15	Private
University of Iowa	17	33	19	Public
University of Florida	16	38	22	Public
Dartmouth College	16	38	17	Private
Georgetown University	16	38	17	Private
University of Pittsburgh - Pittsburgh	15	41	23	Public
Emory University	15	41	19	Private
Vanderbilt University	15	41	19	Private
University of California - Irvine	15	41	23	Public
University of Notre Dame	14	45	21	Private
California Institute of Technology	14	45	21	Private
University of California - Santa Barbara	14	45	25	Public
Case Western Reserve University	14	45	21	Private

The Top 200 Institutions – Faculty Awards (2002), continued

Institutions with Between 6 and 13 Faculty Awards (2002)	Number of Awards	National Rank	Control Rank	Institutional Control
Arizona State University - Tempe	13	49	26	Public
Iowa State University	13	49	26	Public
Michigan State University	13	49	26	Public
Indiana University - Bloomington	13	49	26	Public
University of Kansas - Lawrence	13	49	26	Public
University of Missouri - Columbia	13	49	26	Public
Texas A&M University	13	49	26	Public
Baylor College of Medicine	12	56	24	Private
University of Illinois - Chicago	12	56	33	Public
University of Texas SW Medical Center - Dallas	12	56	33	Public
Rutgers the State University of NJ - New Brunswick	11	59	35	Public
New York University	11	59	25	Private
Oregon Health & Science University	10	61	36	Public
University of Massachusetts - Amherst	10	61	36	Public
University of Cincinnati - Cincinnati	10	61	36	Public
University of Kentucky	10	61	36	Public
Virginia Polytechnic Institute and State University	10	61	36	Public
University of California - San Francisco	10	61	36	Public
University of South Carolina - Columbia	10	61	36	Public
University of California - Davis	10	61	36	Public
Brown University	9	69	26	Private
University of Texas Health Science Ctr - San Antonio	9	69	44	Public
University of Rochester	9	69	26	Private
University of Colorado Health Sciences Center	9	69	44	Public
George Washington University	9	69	26	Private
Tulane University	9	69	26	Private
Brandeis University	9	69	26	Private
University of Alabama - Birmingham	9	69	44	Public
University of Louisville	8	77	47	Public
University of Oregon	8	77	47	Public
University of Connecticut - Storrs	8	77	47	Public
University of Massachusetts Medical Sch - Worcester	7	80	50	Public
University of New Mexico - Albuquerque	7	80	50	Public
University of Delaware	7	80	50	Public
Rice University	7	80	31	Private
North Carolina State University	7	80	50	Public
Louisiana State University - Baton Rouge	7	80	50	Public
University of Miami	7	80	31	Private
University of Medicine & Dentistry of New Jersey	7	80	50	Public
Wesleyan University	7	80	31	Private
Yeshiva University	6	89	34	Private
State Univ. of New York - College at Buffalo	6	89	56	Public
Brigham Young University - Provo	6	89	34	Private
New York University School of Medicine	6	89	34	Private
Bard College	6	89	34	Private
Old Dominion University	6	89	56	Public
University of Nebraska - Lincoln	6	89	56	Public
University of Nevada - Reno	6	89	56	Public
Washington State University - Pullman	6	89	56	Public
Virginia Commonwealth University	6	89	56	Public
University of Vermont	6	89	56	Public
Florida State University	6	89	56	Public
University of Georgia	6	89	56	Public
Ohio University - Athens	6	89	56	Public
State University of New York - University at Buffalo	6	89	56	Public

The Top 200 Institutions – Faculty Awards (2002), continued

Institutions with Between 4 and 5 Faculty Awards (2002)	Number of Awards	National Rank	Control Rank	Institutional Control
College of William and Mary	5	103	66	Public
Kansas State University	5	103	66	Public
University of South Florida	5	103	66	Public
City University of New York - City College	5	103	66	Public
Colorado State University	5	103	66	Public
University of Tennessee - Knoxville	5	103	66	Public
Amherst College	5	103	38	Private
University of Maine - Orono	5	103	66	Public
Carnegie Mellon University	5	103	38	Private
Drexel University	5	103	38	Private
Lehigh University	5	103	38	Private
Pennsylvania State University - Hershey Medical Ctr	5	103	66	Public
Marquette University	5	103	38	Private
Tufts University	5	103	38	Private
Wayne State University	5	103	66	Public
Worcester Polytechnic Institute	5	103	38	Private
University of Texas Health Science Center - Houston	5	103	66	Public
Texas Tech University	5	103	66	Public
Cleveland State University	5	103	66	Public
University of California - Santa Cruz	5	103	66	Public
Syracuse University	5	103	38	Private
Middlebury College	4	124	46	Private
Northern Illinois University	4	124	79	Public
Illinois State University	4	124	79	Public
University of Arkansas - Fayetteville	4	124	79	Public
Clemson University	4	124	79	Public
DePaul University	4	124	46	Private
University of Missouri - Kansas City	4	124	79	Public
Boston College	4	124	46	Private
University of Connecticut - Health Center	4	124	79	Public
Scripps Research Institute	4	124	46	Private
Smith College	4	124	46	Private
Wellesley College	4	124	46	Private
Williams College	4	124	46	Private
Western Michigan University	4	124	79	Public
University of North Carolina - Charlotte	4	124	79	Public
University of Wyoming	4	124	79	Public
New Mexico State University - Las Cruces	4	124	79	Public
City University of New York - Hunter College	4	124	79	Public
Washington and Lee University	4	124	46	Private
University of Central Florida	4	124	79	Public
Wake Forest University	4	124	46	Private
Binghamton University	4	124	79	Public
Oklahoma State University - Stillwater	4	124	79	Public
University of the South	4	124	46	Private
George Mason University	4	124	79	Public
University of Houston - University Park	4	124	79	Public
Rensselaer Polytechnic Institute	4	124	46	Private
University of California - Riverside	4	124	79	Public

The Top 200 Institutions – Faculty Awards (2002), continued

Institutions with at Least 3 Faculty Awards (2002)	Number of Awards	National Rank	Control Rank	Institutional Control
University of Kansas Medical Center	3	152	96	Public
Southern Illinois University - Edwardsville	3	152	96	Public
University of Hawaii - Manoa	3	152	96	Public
Occidental College	3	152	57	Private
Catholic University of America	3	152	57	Private
University of Denver	3	152	57	Private
Colorado School of Mines	3	152	96	Public
San Francisco State University	3	152	96	Public
Santa Clara University	3	152	57	Private
California State University - Hayward	3	152	96	Public
California State University - Long Beach	3	152	96	Public
Florida Institute of Technology	3	152	57	Private
University of Maryland - Baltimore	3	152	96	Public
Florida Atlantic University	3	152	96	Public
University of Alabama - Tuscaloosa	3	152	96	Public
East Carolina University	3	152	96	Public
Texas Christian University	3	152	57	Private
City University of New York - Queens College	3	152	96	Public
Fordham University	3	152	57	Private
Ithaca College	3	152	57	Private
Mount Sinai School of Medicine	3	152	57	Private
University of Texas - Dallas	3	152	96	Public
Sarah Lawrence College	3	152	57	Private
Temple University	3	152	96	Public
Southern Methodist University	3	152	57	Private
Utah State University	3	152	96	Public
Davidson College	3	152	57	Private
Nassau Community College	3	152	96	Public
North Dakota State University	3	152	96	Public
University of Akron - Akron	3	152	96	Public
Bowling Green State University - Bowling Green	3	152	96	Public
John Carroll University	3	152	57	Private
Kent State University - Kent	3	152	96	Public
Rutgers the State University of NJ - Camden	3	152	96	Public
Oregon State University	3	152	96	Public
Rhode Island College	3	152	96	Public
Villanova University	3	152	57	Private
Thomas Jefferson University	3	152	57	Private
University at Albany	3	152	96	Public
Stevens Institute of Technology	3	152	57	Private
City University of New York - Bernard M Baruch College	3	152	96	Public
Gonzaga University	3	152	57	Private
University of New Hampshire - Durham	3	152	96	Public
Gustavus Adolphus College	3	152	57	Private
Beloit College	3	152	57	Private
University of Mississippi - Oxford	3	152	96	Public

The Top 200 Institutions – Doctorates Awarded (2002)

Top 50 Institutions in Doctorate Degrees Awarded (2002)	Number of Degrees	National Rank	Control Rank	Institutional Control
University of California - Berkeley	805	1	1	Public
University of Wisconsin - Madison	650	2	2	Public
University of Texas - Austin	639	3	3	Public
Ohio State University - Columbus	617	4	4	Public
University of Michigan - Ann Arbor	610	5	5	Public
University of Florida	607	6	6	Public
University of Illinois - Urbana-Champaign	602	7	7	Public
University of California - Los Angeles	593	8	8	Public
University of Minnesota - Twin Cities	560	9	9	Public
Nova Southeastern University	555	10	1	Private
Stanford University	548	11	2	Private
Harvard University	543	12	3	Private
Pennsylvania State University - University Park	519	13	10	Public
Texas A&M University	504	14	11	Public
Massachusetts Institute of Technology	501	15	4	Private
University of Southern California	496	16	5	Private
University of Washington - Seattle	452	17	12	Public
Columbia University	452	17	6	Private
University of Maryland - College Park	430	19	13	Public
Michigan State University	428	20	14	Public
New York University	415	21	7	Private
Cornell University	412	22	8	Private
Purdue University - West Lafayette	409	23	15	Public
University of Georgia	393	24	16	Public
University of North Carolina - Chapel Hill	390	25	17	Public
University of Pennsylvania	380	26	9	Private
Johns Hopkins University	373	27	10	Private
University of Arizona	370	28	18	Public
Rutgers the State University of NJ - New Brunswick	363	29	19	Public
Stony Brook University	361	30	20	Public
Northwestern University	349	31	11	Private
Indiana University - Bloomington	347	32	21	Public
University of California - Davis	346	33	22	Public
University of Pittsburgh - Pittsburgh	336	34	23	Public
University of Chicago	333	35	12	Private
Virginia Polytechnic Institute and State University	326	36	24	Public
University of Virginia	321	37	25	Public
University of Iowa	320	38	26	Public
Arizona State University - Tempe	313	39	27	Public
Yale University	310	40	13	Private
North Carolina State University	300	41	28	Public
Southwestern Baptist Theological Seminary	288	42	14	Private
University of Massachusetts - Amherst	287	43	29	Public
University of California - San Diego	278	44	30	Public
University of Tennessee - Knoxville	276	45	31	Public
City University of NY - Graduate Sch and University Ctr	271	46	32	Public
University of Colorado - Boulder	258	47	33	Public
Georgia Institute of Technology	257	48	34	Public
University of South Carolina - Columbia	253	49	35	Public
University of Missouri - Columbia	252	50	36	Public

The Top 200 Institutions – Doctorates Awarded (2002), continued

Top 51-99 Institutions in Doctorate Degrees Awarded (2002)	Number of Degrees	National Rank	Control Rank	Institutional Control
Florida State University	248	51	37	Public
Boston University	246	52	15	Private
Duke University	246	52	15	Private
Iowa State University	239	54	38	Public
University at Buffalo	231	55	39	Public
Princeton University	230	56	17	Private
Temple University	226	57	40	Public
George Washington University	223	58	18	Private
Louisiana State University - Baton Rouge	222	59	41	Public
University of Connecticut - Storrs	221	60	42	Public
University of Utah	218	61	43	Public
University of Kentucky	216	62	44	Public
University of Cincinnati - Cincinnati	214	63	45	Public
University of Nebraska - Lincoln	213	64	46	Public
Loyola University Chicago	206	65	19	Private
University of Kansas - Lawrence	204	66	47	Public
Wayne State University	202	67	48	Public
University of California - Santa Barbara	199	68	49	Public
Vanderbilt University	190	69	20	Private
University of New Mexico - Albuquerque	189	70	50	Public
Oklahoma State University - Stillwater	188	71	51	Public
University of Rochester	185	72	21	Private
University of Houston - University Park	183	73	52	Public
Teachers College at Columbia University	179	74	22	Private
Emory University	178	75	23	Private
University of Illinois - Chicago	177	76	53	Public
Carnegie Mellon University	176	77	24	Private
University of California - Irvine	175	78	54	Public
Case Western Reserve University	175	78	25	Private
Fuller Theological Seminary in California	175	78	25	Private
Washington University	173	81	27	Private
Union Institute & University	169	82	28	Private
University of South Florida	165	83	55	Public
Washington State University - Pullman	161	84	56	Public
University at Albany	159	85	57	Public
University of Oklahoma - Norman	158	86	58	Public
University of Alabama - Tuscaloosa	157	87	59	Public
Oregon State University	156	88	60	Public
University of North Texas	155	89	61	Public
Kansas State University	152	90	62	Public
Kent State University - Kent	150	91	63	Public
Kirkville College of Osteopathic Medicine	148	92	29	Private
Colorado State University	148	92	64	Public
Brown University	148	92	29	Private
Auburn University	143	95	65	Public
West Virginia University	142	96	66	Public
Texas Tech University	140	97	67	Public
California Institute of Technology	139	98	31	Private
University of Oregon	137	99	68	Public
University of Delaware	137	99	68	Public

The Top 200 Institutions – Doctorates Awarded (2002), continued

Top 101-150 Institutions in Doctorate Degrees Awarded (2002)	Number of Degrees	National Rank	Control Rank	Institutional Control
Tulane University	136	101	32	Private
Syracuse University	129	102	33	Private
George Mason University	129	102	70	Public
Northern Illinois University	128	104	71	Public
Georgia State University	127	105	72	Public
Southern Illinois University - Carbondale	126	106	73	Public
Alliant International University	126	106	34	Private
University of Alabama - Birmingham	125	108	74	Public
University of Central Florida	123	109	75	Public
Fordham University	122	110	35	Private
Boston College	120	111	36	Private
University of California - Riverside	116	112	76	Public
University of Miami	116	112	37	Private
Clemson University	116	112	76	Public
University of Notre Dame	116	112	37	Private
Rensselaer Polytechnic Institute	115	116	39	Private
Northern Arizona University	115	116	78	Public
Fielding Graduate Institute	114	118	40	Private
California School of Professional Psych - San Diego	113	119	41	Private
Ohio University - Athens	112	120	79	Public
University of Southern Mississippi	112	120	79	Public
Binghamton University	112	120	79	Public
University of Hawaii - Manoa	110	123	82	Public
Saint Louis University - St. Louis	110	123	42	Private
Yeshiva University	109	125	43	Private
Virginia Commonwealth University	108	126	83	Public
University of Arkansas - Fayetteville	106	127	84	Public
Rice University	106	127	44	Private
Claremont Graduate University	105	129	45	Private
Brandeis University	102	130	46	Private
Howard University	102	130	46	Private
California School of Professional Psych - Alameda	100	132	48	Private
Mississippi State University	96	133	85	Public
Tufts University	96	133	49	Private
University of California - Santa Cruz	93	135	86	Public
University of Louisville	90	136	87	Public
Texas Woman's University	88	137	88	Public
Drexel University	86	138	50	Private
University of Wisconsin - Milwaukee	86	138	89	Public
Drew University	86	138	50	Private
University of California - San Francisco	84	141	90	Public
University of Mississippi - Oxford	84	141	90	Public
University of Denver	83	143	52	Private
University of Texas Health Science Center - Houston	82	144	92	Public
University of Maryland - Baltimore	81	145	93	Public
Georgetown University	81	145	53	Private
Lehigh University	81	145	53	Private
University of Memphis	81	145	93	Public
University of Akron - Akron	80	149	95	Public
Creighton University	78	150	55	Private

The Top 200 Institutions – Doctorates Awarded (2002), continued

Top 151-196 Institutions in Doctorate Degrees Awarded (2002)	Number of Degrees	National Rank	Control Rank	Institutional Control
New Mexico State University - Las Cruces	77	151	96	Public
University of Rhode Island	77	151	96	Public
University of North Carolina - Greensboro	76	153	98	Public
University of Toledo	75	154	99	Public
Carlos Albizu University - Miami	75	154	56	Private
California School of Professional Psych - Fresno	74	156	57	Private
Catholic University of America	73	157	58	Private
City University - Los Angeles	73	157	58	Private
Widener University - Chester	73	157	58	Private
University of Nevada - Reno	72	160	100	Public
Bowling Green State University - Bowling Green	72	160	100	Public
University of Texas - Arlington	72	160	100	Public
University of New Orleans	72	160	100	Public
New School University	70	164	61	Private
Utah State University	69	165	104	Public
Baylor University	69	165	62	Private
Illinois Institute of Technology	69	165	62	Private
Trinity College of the Bible and Trinity Theological Seminary	67	168	64	Private
University of Northern Colorado	66	169	105	Public
University of Medicine & Dentistry of New Jersey	66	169	105	Public
Loma Linda University	66	169	65	Private
University of Texas - Dallas	65	172	107	Public
Central Michigan University	64	173	108	Public
Pepperdine University	64	173	66	Private
University of Puerto Rico - Rio Piedras	64	173	108	Public
Old Dominion University	63	176	110	Public
Brigham Young University - Provo	63	176	67	Private
University of San Francisco	62	178	68	Private
Finch University of Health Science - Chicago Med School	62	178	68	Private
Mgh Institute of Health Professions	62	178	68	Private
Arcadia University	62	178	68	Private
Indiana University of Pennsylvania - Indiana	61	182	111	Public
College of William and Mary	60	183	112	Public
Seton Hall University	60	183	72	Private
Western Michigan University	60	183	112	Public
St. John's University (NY)	60	183	72	Private
Northeastern University	60	183	72	Private
University of Missouri - Kansas City	59	188	114	Public
McCormick Theological Seminary	59	188	75	Private
Marquette University	59	188	75	Private
University of Idaho	58	191	115	Public
Trinity International University	58	191	77	Private
Southern Baptist Theological Seminary	57	193	78	Private
Regent University	56	194	79	Private
Ball State University	56	194	116	Public
Miami University - Oxford	55	196	117	Public
University of Wyoming	55	196	117	Public
Pennsylvania College of Optometry	55	196	80	Private
University of New Hampshire - Durham	55	196	117	Public
Belmont University	55	196	80	Private

The Top 200 Institutions – Postdoctoral Appointees (2001)

Top 50 Institutions in Postdoctoral Appointees (2001)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Harvard University	3597	1	1	Private
Stanford University	1210	2	2	Private
Johns Hopkins University	1159	3	3	Private
Yeshiva University	1117	4	4	Private
University of Pennsylvania	950	5	5	Private
University of California - San Diego	949	6	1	Public
University of Washington - Seattle	938	7	2	Public
University of California - Berkeley	896	8	3	Public
University of California - Los Angeles	847	9	4	Public
Massachusetts Institute of Technology	828	10	6	Private
Cornell University	689	11	7	Private
University of Colorado - Boulder	678	12	5	Public
Washington University	639	13	8	Private
Duke University	635	14	9	Private
University of Michigan - Ann Arbor	624	15	6	Public
University of Minnesota - Twin Cities	615	16	7	Public
University of North Carolina - Chapel Hill	594	17	8	Public
University of California - Davis	585	18	9	Public
University of Pittsburgh - Pittsburgh	554	19	10	Public
Yale University	551	20	10	Private
University of Southern California	549	21	11	Private
California Institute of Technology	529	22	12	Private
University of Florida	510	23	11	Public
Baylor College of Medicine	506	24	13	Private
University of Wisconsin - Madison	467	25	12	Public
University of Texas SW Medical Center - Dallas	464	26	13	Public
University of California - San Francisco	430	27	14	Public
Tufts University	428	28	14	Private
University of Arizona	420	29	15	Public
Emory University	415	30	15	Private
Vanderbilt University	408	31	16	Private
Stony Brook University	394	32	16	Public
University of Iowa	370	33	17	Public
University of Virginia	366	34	18	Public
University of Chicago	361	35	17	Private
Princeton University	339	36	18	Private
University of Texas MD Anderson Cancer Center	330	37	19	Public
Rockefeller University	324	38	19	Private
Mayo Graduate School	321	39	20	Private
University at Buffalo	317	40	20	Public
Columbia University	315	41	21	Private
University of Alabama - Birmingham	312	42	21	Public
University of California - Irvine	295	43	22	Public
Michigan State University	289	44	23	Public
New York University	284	45	22	Private
Ohio State University - Columbus	283	46	24	Public
Case Western Reserve University	281	47	23	Private
University of Colorado Health Sciences Center	272	48	25	Public
University of Illinois - Chicago	265	49	26	Public
University of Rochester	263	50	24	Private

The Top 200 Institutions – Postdoctoral Appointees (2001), continued

Top 51-100 Institutions in Postdoctoral Appointees (2001)	Number of Postdocs	National Rank	Control Rank	Institutional Control
University of Illinois - Urbana-Champaign	261	51	27	Public
University of Utah	260	52	28	Public
Pennsylvania State University - University Park	258	53	29	Public
University of Massachusetts Medical Sch - Worcester	256	54	30	Public
Northwestern University	251	55	25	Private
University of Kentucky	250	56	31	Public
Purdue University - West Lafayette	247	57	32	Public
Thomas Jefferson University	235	58	26	Private
University of Texas Medical Branch - Galveston	235	58	33	Public
Texas A&M University	232	60	34	Public
University of California - Riverside	224	61	35	Public
University of Maryland - College Park	224	61	35	Public
Colorado State University	218	63	37	Public
Medical University of South Carolina	216	64	38	Public
Indiana University-Purdue University - Indianapolis	212	65	39	Public
University of Texas - Austin	207	66	40	Public
Wayne State University	191	67	41	Public
University of Georgia	187	68	42	Public
University of Maryland - Baltimore	181	69	43	Public
Iowa State University	180	70	44	Public
University of California - Santa Barbara	176	71	45	Public
University of Cincinnati - Cincinnati	173	72	46	Public
University of California - Santa Cruz	172	73	47	Public
Washington State University - Pullman	161	74	48	Public
Oregon Health & Science University	160	75	49	Public
University of Medicine & Dentistry of New Jersey	155	76	50	Public
Indiana University - Bloomington	144	77	51	Public
University of Missouri - Columbia	142	78	52	Public
University of Miami	141	79	27	Private
University of Kansas - Lawrence	140	80	53	Public
Carnegie Mellon University	140	80	28	Private
University of Tennessee Health Science Center	136	82	54	Public
University of Massachusetts - Amherst	134	83	55	Public
University of South Carolina - Columbia	133	84	56	Public
University of Delaware	131	85	57	Public
Virginia Commonwealth University	126	86	58	Public
Rutgers the State University of NJ - New Brunswick	123	87	59	Public
Kansas State University	122	88	60	Public
Medical College of Wisconsin	121	89	29	Private
University of Connecticut - Health Center	121	89	61	Public
University of Connecticut - Storrs	120	91	62	Public
University of Tennessee - Knoxville	120	91	62	Public
University of Notre Dame	120	91	30	Private
Florida State University	116	94	64	Public
University of Texas Health Science Ctr - San Antonio	113	95	65	Public
Virginia Polytechnic Institute and State University	111	96	66	Public
Rice University	107	97	31	Private
Oregon State University	107	97	67	Public
Brown University	106	99	32	Private
Wake Forest University	103	100	33	Private

The Top 200 Institutions – Postdoctoral Appointees (2001), continued

Top 101-152 Institutions in Postdoctoral Appointees (2001)	Number of Postdocs	National Rank	Control Rank	Institutional Control
University of Louisville	101	101	68	Public
Dartmouth College	98	102	34	Private
University of Vermont	92	103	69	Public
Brandeis University	91	104	35	Private
Boston University	87	105	36	Private
Medical College of Georgia	84	106	70	Public
Louisiana State University - Baton Rouge	84	106	70	Public
Arizona State University - Tempe	81	108	72	Public
Montana State University - Bozeman	79	109	73	Public
Georgetown University	76	110	37	Private
University of Nebraska - Lincoln	76	110	74	Public
North Carolina State University	75	112	75	Public
Loyola University Chicago	74	113	38	Private
Texas A&M University System Health Sciences Center	73	114	76	Public
University of South Florida	71	115	77	Public
University of Hawaii - Manoa	69	116	78	Public
Uniformed Services University of the Health Sciences	67	117	79	Public
Texas Tech University	67	117	79	Public
Tulane University	67	117	39	Private
Rensselaer Polytechnic Institute	64	120	40	Private
Georgia Institute of Technology	64	120	81	Public
University of Oregon	63	122	82	Public
University of Missouri - Kansas City	63	122	82	Public
University of Nebraska Medical Center	63	122	82	Public
City University of NY - Graduate Sch and University Ctr	62	125	85	Public
University of Oklahoma Health Sciences Center	61	126	86	Public
University of Houston - University Park	61	126	86	Public
Rush University	59	128	41	Private
University of Texas Health Science Center - Houston	58	129	88	Public
University of Arkansas - Fayetteville	57	130	89	Public
Louisiana State University Health Sciences Center	56	131	90	Public
George Washington University	55	132	42	Private
University of Akron - Akron	54	133	91	Public
University of Kansas Medical Center	54	133	91	Public
Drexel University	52	135	43	Private
Temple University	51	136	93	Public
University of New Mexico - Albuquerque	51	136	93	Public
Pennsylvania State University - Hershey Medical Ctr	49	138	95	Public
University of Oklahoma - Norman	48	139	96	Public
North Dakota State University	46	140	97	Public
Oklahoma State University - Stillwater	43	141	98	Public
University of Wyoming	43	141	98	Public
Loma Linda University	41	143	44	Private
University of Maine - Orono	40	144	100	Public
University of Mississippi - Oxford	40	144	100	Public
Georgia State University	39	146	102	Public
Clarkson University	38	147	45	Private
University of Maryland - Baltimore County	38	147	103	Public
City University of New York - City College	38	147	103	Public
Lehigh University	38	147	45	Private
University of Wisconsin - Milwaukee	38	147	103	Public
Clemson University	37	152	106	Public
Boston College	37	152	47	Private
Medical College of Ohio	37	152	106	Public

The Top 200 Institutions – Postdoctoral Appointees (2001), *continued*

Top 155-198 Institutions in Postdoctoral Appointees (2001)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Rutgers the State University of NJ - Newark	35	155	108	Public
Auburn University	34	156	109	Public
New York Medical College	33	157	48	Private
Morehouse School of Medicine	33	157	48	Private
West Virginia University	32	159	110	Public
Louisiana State University Medical Center - Shreveport	32	159	110	Public
Northeastern University	32	159	50	Private
Texas Tech University Health Sciences Center	32	159	110	Public
Florida International University	31	163	113	Public
University of Arkansas for Medical Sciences	31	163	113	Public
University of Idaho	31	163	113	Public
University of Texas - Dallas	31	163	113	Public
University of Toledo	31	163	113	Public
University of Alabama - Tuscaloosa	30	168	118	Public
Utah State University	30	168	118	Public
University of Denver	30	168	51	Private
Saint Louis University - St. Louis	29	171	52	Private
University of Rhode Island	29	171	120	Public
University of North Texas	28	173	121	Public
Mississippi State University	28	173	121	Public
Syracuse University	27	175	53	Private
Woods Hole Oceanographic Institution	26	176	54	Private
Southern Illinois University - Carbondale	26	176	123	Public
State Univ. of New York Upstate Medical University	25	178	124	Public
Albany Medical College	25	178	55	Private
OGI School of Science & Engineering at OSU	25	178	124	Public
Stevens Institute of Technology	24	181	56	Private
University of New Hampshire - Durham	24	181	126	Public
University of Missouri - Rolla	23	183	127	Public
Illinois Institute of Technology	23	183	57	Private
University of Southern Mississippi	23	183	127	Public
University of New Orleans	23	183	127	Public
Polytechnic University	22	187	58	Private
College of William and Mary	22	187	130	Public
Wright State University - Dayton	22	187	130	Public
University of North Texas Health Science Ctr - Fort Worth	21	190	132	Public
East Carolina University	21	190	132	Public
University of Texas - Arlington	20	192	134	Public
University of Mississippi Medical Center	19	193	135	Public
University of Montana - Missoula	19	193	135	Public
Meharry Medical College	17	195	59	Private
Institute of Paper Science and Technology	17	195	59	Private
University of South Alabama - Mobile	17	195	137	Public
Brigham Young University - Provo	16	198	61	Private
Miami University - Oxford	16	198	138	Public
Finch University of Health Science - Chicago Med School	16	198	61	Private
University of Missouri - St. Louis	16	198	138	Public
Wesleyan University	16	198	61	Private

The Top 200 Institutions – SAT Scores (2001)

Top 48 Institutions in Median SAT Score (2001)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
California Institute of Technology	700-780; 760-800	1	1	Private
Harvard University	700-790; 700-780	2	2	Private
Massachusetts Institute of Technology	680-760; 730-800	2	2	Private
Princeton University	680-770; 700-790	4	4	Private
Union College (NE)	31-35	4	4	Private
Harvey Mudd College	670-750; 720-790	6	6	Private
Stanford University	670-770; 690-780	7	7	Private
Yale University	680-770; 680-770	8	8	Private
Swarthmore College	690-770; 670-760	9	9	Private
Pomona College	680-760; 680-750	10	10	Private
Dartmouth College	660-750; 670-760	11	11	Private
Rice University	650-750; 670-770	11	11	Private
Amherst College	660-760; 660-750	13	13	Private
Columbia University	660-760; 660-750	13	13	Private
Duke University	650-740; 670-760	15	15	Private
Middlebury College	680-740; 670-730	15	15	Private
Williams College	650-760; 660-750	15	15	Private
Johns Hopkins University	640-730; 680-760	18	18	Private
University of Pennsylvania	640-730; 670-760	19	19	Private
University of Chicago	650-750; 650-740	20	20	Private
Brown University	640-750; 650-740	21	21	Private
Northwestern University	640-730; 660-750	21	21	Private
Washington University in St. Louis	640-730; 670-740	21	21	Private
Emory University	640-720; 660-740	24	24	Private
Carnegie Mellon University	600-700; 680-770	25	25	Private
Georgetown University	640-730; 650-730	25	25	Private
Carleton College	640-740; 640-720	27	27	Private
Claremont McKenna College	640-720; 650-730	27	27	Private
Cornell University	620-720; 650-750	27	27	Private
Colgate University	640-720; 650-720	30	30	Private
Haverford College	640-730; 640-720	30	30	Private
Wesleyan University	630-740; 640-720	30	30	Private
Bowdoin College	640-730; 640-710	33	33	Private
Cooper Union for the Advancement of Science & Art	610-710; 650-740	34	34	Private
University of Notre Dame	620-720; 640-730	34	34	Private
Vassar College	650-730; 620-700	36	36	Private
Grinnell College	630-730; 620-710	37	37	Private
Macalester College	640-730; 610-710	37	37	Private
Washington and Lee University	630-710; 640-710	37	37	Private
Webb Institute	580-720; 660-730	37	37	Private
Wellesley College	630-730; 620-710	37	37	Private
Case Western Reserve University	600-710; 640-730	42	42	Private
New College of Florida	660-750; 590-680	42	1	Public
Bates College	630-700; 640-700	44	43	Private
Brandeis University	620-710; 620-720	44	43	Private
Georgia Institute of Technology	600-690; 650-730	44	2	Public
Oberlin College	630-730; 610-700	44	43	Private
Barnard College	630-710; 620-700	48	46	Private
Colby College	620-700; 630-710	48	46	Private
Reed College	640-740; 600-680	48	46	Private

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

The Top 200 Institutions – SAT Scores (2001), *continued*

Top 51-98 Institutions in Median SAT Score (2001)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
Bard College	650-720; 590-690	51	49	Private
College of William and Mary	620-720; 610-700	51	3	Public
Davidson College	620-710; 620-700	51	49	Private
New York University	630-710; 600-710	51	49	Private
Tulane University	630-710; 610-700	51	49	Private
Illinois Institute of Technology	600-690; 630-720	56	53	Private
St. John's College (MD)	650-740; 580-670	56	53	Private
Wheaton College (IL)	610-710; 610-710	56	53	Private
Rensselaer Polytechnic Institute	580-680; 650-720	59	56	Private
University of Rochester	600-700; 620-710	59	56	Private
University of Southern California	600-700; 620-710	59	56	Private
University of Virginia	600-700; 610-720	59	4	Public
Vanderbilt University	600-690; 630-710	59	56	Private
Tufts University	590-700; 620-710	64	60	Private
Whitman College	610-710; 610-690	64	60	Private
Boston College	600-690; 620-700	66	62	Private
Connecticut College	620-700; 610-680	66	62	Private
University of California - Berkeley	560-700; 610-740	66	5	Public
Wake Forest University	610-680; 620-700	66	62	Private
US Naval Academy	600-680; 620-700	70	6	Public
Boston University	600-680; 610-690	71	65	Private
Bryn Mawr College	610-710; 590-670	71	65	Private
Lehigh University	590-660; 620-710	71	65	Private
Bucknell University	590-680; 610-690	74	68	Private
Hamilton College (NY)	600-690; 600-680	74	68	Private
Rose-Hulman Institute of Technology	560-660; 630-720	74	68	Private
University of Richmond	590-680; 610-690	74	68	Private
Colorado College	580-690; 610-680	78	72	Private
Fontbonne University	21-36	78	72	Private
Kenyon College	600-700; 580-680	78	72	Private
Manhattanville College	530-780; 530-720	78	72	Private
Rhodes College (TN)	600-690; 590-680	78	72	Private
University of California - Los Angeles	560-680; 600-720	78	7	Public
University of Michigan - Ann Arbor	570-670; 610-710	78	7	Public
Furman University	590-690; 590-680	85	77	Private
Stevens Institute of Technology	560-650; 630-710	85	77	Private
Trinity College (CT)	590-680; 600-680	85	77	Private
US Air Force Academy	580-670; 610-690	85	9	Public
Franklin & Marshall College	570-680; 600-690	89	80	Private
Grove City College	580-690; 590-680	89	80	Private
Kalamazoo College	590-690; 590-670	89	80	Private
Lawrence University	560-700; 580-700	89	80	Private
University of California - San Diego	560-660; 610-710	89	10	Public
University of Illinois - Urbana-Champaign	550-670; 600-720	89	10	Public
University of Wisconsin - Madison	560-680; 590-710	89	10	Public
US Merchant Marine Academy	620-670; 600-650	89	10	Public
Worcester Polytechnic Institute	560-660; 620-700	89	80	Private
Scripps College	600-700; 570-660	98	85	Private
Smith College	590-700; 570-670	98	85	Private

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

The Top 200 Institutions – SAT Scores (2001), *continued*

Top 100-140 Institutions in Median SAT Score (2001)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
Illinois Wesleyan University	580-680; 580-680	100	87	Private
Mount Holyoke College	600-690; 570-660	100	87	Private
Thomas Aquinas College	600-700; 570-650	100	87	Private
Trinity University	580-680; 590-670	100	87	Private
University of North Carolina - Chapel Hill	570-680; 580-690	100	14	Public
University of Puget Sound	580-680; 580-680	100	87	Private
Yeshiva University	590-690; 570-670	100	87	Private
Lewis & Clark College	600-690; 560-660	107	93	Private
St. Olaf College	580-680; 570-680	107	93	Private
US Military Academy	570-670; 590-680	107	15	Public
Babson College	560-650; 610-680	110	95	Private
Centre College	570-700; 560-670	110	95	Private
Lafayette College	560-650; 600-690	110	95	Private
Sarah Lawrence College	610-710; 540-640	110	95	Private
St. John's College (NM)	630-680; 570-620	110	95	Private
University of Maryland - College Park	560-660; 590-690	110	16	Public
US Coast Guard Academy	560-660; 600-680	110	16	Public
Colorado School of Mines	540-650; 620-680	117	18	Public
Columbia College (MO)	560-690; 540-700	117	100	Private
Hampshire College	600-700; 550-640	117	100	Private
University of Tulsa	570-690; 550-680	117	100	Private
College of New Jersey	560-660; 580-680	121	19	Public
George Washington University	570-660; 580-670	121	103	Private
Dickinson College	580-670; 570-650	123	104	Private
Skidmore College	570-660; 580-660	123	104	Private
Southwestern University	570-660; 570-670	123	104	Private
Villanova University	560-650; 590-670	123	104	Private
Beloit College	580-690; 540-650	127	108	Private
College of the Holy Cross	560-660; 580-660	127	108	Private
Hendrix College	570-690; 550-650	127	108	Private
Polytechnic University	530-610; 620-690	130	111	Private
Rochester Institute of Technology	540-640; 580-680	130	111	Private
St. Mary's College of Maryland	570-680; 550-650	130	20	Public
Union College (NY)	550-650; 580-670	130	111	Private
Willamette University	570-660; 570-650	130	111	Private
Hillsdale College	570-690; 520-660	135	115	Private
University of Florida	550-650; 570-670	135	21	Public
University of Minnesota - Morris	550-650; 560-680	135	21	Public
University of Missouri - Rolla	24-30	135	21	Public
University of the South	570-660; 560-650	135	115	Private
Austin College	560-660; 560-650	140	117	Private
Binghamton University	540-640; 580-670	140	24	Public
Christendom College	580-710; 550-590	140	117	Private
College of the Atlantic	570-670; 550-640	140	117	Private
Knox College	540-670; 560-660	140	117	Private
Loyola College in Maryland	560-640; 570-660	140	117	Private
Miami University - Oxford	550-640; 580-660	140	24	Public
Truman State University	560-660; 560-650	140	24	Public
Wofford College	550-650; 570-660	140	117	Private

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

The Top 200 Institutions – SAT Scores (2001), *continued*

Top 149-197 Institutions in Median SAT Score (2001)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
American University	560-660; 550-650	149	123	Private
Bradley University	560-640; 560-660	149	123	Private
Denison University	550-650; 560-660	149	123	Private
Drew University	550-670; 550-650	149	123	Private
Gustavus Adolphus College	530-670; 550-670	149	123	Private
Occidental College	550-660; 550-650	149	123	Private
Ohio Wesleyan University	550-660; 550-660	149	123	Private
Pitzer College	560-670; 550-640	149	123	Private
Saint Joseph's University	520-640; 580-680	149	123	Private
Simon's Rock College of Bard	560-700; 490-670	149	123	Private
State Univ. of New York - College at Geneseo	560-640; 570-650	149	27	Public
University of Dallas	550-680; 540-650	149	123	Private
University of Georgia	560-650; 560-650	149	27	Public
University of Puerto Rico - Bayamon	580-670; 540-630	149	27	Public
University of Texas - Austin	530-650; 560-680	149	27	Public
Westmont College	560-650; 560-650	149	123	Private
Earlham College	560-680; 520-650	165	135	Private
Gettysburg College	560-640; 570-640	165	135	Private
Iowa State University	510-660; 550-690	165	31	Public
Luther College	560-650; 540-660	165	135	Private
Marlboro College	580-690; 520-620	165	135	Private
Mary Washington College	570-660; 550-630	165	31	Public
Oglethorpe University	550-680; 550-630	165	135	Private
Pepperdine University	540-650; 560-660	165	135	Private
St. John's University (MN)	530-650; 550-680	165	135	Private
Syracuse University	540-640; 570-660	165	135	Private
University of Minnesota - Twin Cities	530-650; 550-680	165	31	Public
Ursinus College	550-650; 550-660	165	135	Private
Brigham Young University - Provo	24-29	177	144	Private
Emerson College	570-660; 540-630	177	144	Private
Florida Memorial College	21-32	177	144	Private
Free Will Baptist Bible College	17-36	177	144	Private
Hope College	530-660; 540-670	177	144	Private
Michigan Technological University	510-630; 570-690	177	34	Public
Milwaukee School of Engineering	510-620; 590-680	177	144	Private
Muhlenberg College	550-640; 560-650	177	144	Private
Saint Louis University - St. Louis	540-650; 550-660	177	144	Private
University of Missouri - Columbia	24-29	177	34	Public
Wabash College	540-650; 560-650	177	144	Private
Bennington College	560-680; 510-640	188	153	Private
DePauw University	540-640; 560-650	188	153	Private
Gordon College (MA)	560-650; 540-640	188	153	Private
Goucher College	560-660; 540-630	188	153	Private
Millsaps College	540-650; 550-650	188	153	Private
Santa Clara University	530-640; 560-660	188	153	Private
University of California - Santa Barbara	530-630; 560-670	188	36	Public
University of Iowa	530-650; 540-670	188	36	Public
Wheaton College (MA)	560-650; 540-640	188	153	Private
Augustana College (SD)	520-670; 540-650	197	160	Private
Birmingham-Southern College	560-650; 503-640	197	160	Private
Centenary College of Louisiana	530-650; 550-650	197	160	Private
Drury University	540-650; 540-650	197	160	Private
LeTourneau University	530-660; 530-660	197	160	Private
Messiah College	540-650; 540-650	197	160	Private
Pennsylvania State University - University Park	530-630; 560-660	197	38	Public
University of Maryland - Baltimore County	530-630; 560-660	197	38	Public
University of Miami	540-640; 550-650	197	160	Private

*Source of Data: the Annual Survey of Colleges of the College Board and Data Base, 2002-03. Copyright (c) 2002 College Entrance Examination Board. All rights reserved.

The Top 200 Institutions – National Merit and Achievement Scholars (2002)

Top 50 Institutions in Merit and Achievement Scholars (2002)	Number of Scholars	National Rank	Control Rank	Institutional Control
Harvard University	455	1	1	Private
University of Texas - Austin	271	2	1	Public
Stanford University	268	3	2	Private
University of Florida	237	4	2	Public
Yale University	216	5	3	Private
University of Chicago	197	6	4	Private
University of Southern California	185	7	5	Private
Princeton University	179	8	6	Private
Washington University	176	9	7	Private
Rice University	173	10	8	Private
University of Oklahoma - Norman	168	11	3	Public
Texas A&M University	160	12	4	Public
Massachusetts Institute of Technology	153	13	9	Private
University of North Carolina - Chapel Hill	149	14	5	Public
Vanderbilt University	140	15	10	Private
Duke University	123	16	11	Private
Ohio State University - Columbus	119	17	6	Public
Georgia Institute of Technology	116	18	7	Public
New York University	114	19	12	Private
Brigham Young University - Provo	111	20	13	Private
Northwestern University	109	21	14	Private
Arizona State University - Tempe	103	22	8	Public
University of Pennsylvania	101	23	15	Private
University of Kansas - Lawrence	100	24	9	Public
Iowa State University	99	25	10	Public
University of California - Los Angeles	94	26	11	Public
Purdue University - West Lafayette	90	27	12	Public
Carleton College	83	28	16	Private
Brown University	82	29	17	Private
Oberlin College	70	30	18	Private
University of California - Berkeley	67	31	13	Public
Columbia University	63	32	19	Private
University of Michigan - Ann Arbor	61	33	14	Public
Emory University	60	34	20	Private
Johns Hopkins University	58	35	21	Private
Tufts University	58	35	21	Private
University of Arizona	58	35	15	Public
University of Maryland - College Park	58	35	15	Public
California Institute of Technology	57	39	23	Private
University of Georgia	56	40	17	Public
Dartmouth College	54	41	24	Private
Howard University	54	41	24	Private
University of Kentucky	54	41	18	Public
Tulane University	53	44	26	Private
University of Alabama - Tuscaloosa	52	45	19	Public
Michigan State University	51	46	20	Public
University of California - San Diego	51	46	20	Public
University of Notre Dame	51	46	27	Private
University of Tulsa	51	46	27	Private
Case Western Reserve University	50	50	29	Private
Harvey Mudd College	50	50	29	Private
Williams College	50	50	29	Private

The Top 200 Institutions – National Merit and Achievement Scholars (2002), continued

Top 53-99 Institutions in Merit and Achievement Scholars (2002)	Number of Scholars	National Rank	Control Rank	Institutional Control
Boston University	49	53	32	Private
Macalester College	47	54	33	Private
University of Iowa	47	54	22	Public
Cornell University	44	56	34	Private
Louisiana State University - Baton Rouge	44	56	23	Public
University of Virginia	44	56	23	Public
St. Olaf College	42	59	35	Private
University of Nebraska - Lincoln	42	59	25	Public
Baylor University	41	61	36	Private
University of Arkansas - Fayetteville	39	62	26	Public
Clemson University	38	63	27	Public
George Washington University	38	63	37	Private
University of Minnesota - Twin Cities	38	63	27	Public
University of Washington - Seattle	38	63	27	Public
Mississippi State University	37	67	30	Public
Brandeis University	36	68	38	Private
Miami University - Oxford	36	68	31	Public
University of Wisconsin - Madison	36	68	31	Public
Georgetown University	34	71	39	Private
University of Miami	34	71	39	Private
University of South Carolina - Columbia	34	71	33	Public
Kenyon College	33	74	41	Private
Pennsylvania State University - University Park	32	75	34	Public
University of Illinois - Urbana-Champaign	32	75	34	Public
University of Utah	32	75	34	Public
Wheaton College (IL)	32	75	42	Private
Furman University	31	79	43	Private
University of Rochester	31	79	43	Private
Amherst College	30	81	45	Private
Grinnell College	30	81	45	Private
Swarthmore College	30	81	45	Private
Auburn University - Auburn	29	84	37	Public
North Carolina State University	29	84	37	Public
Washington and Lee University	28	86	48	Private
Florida State University	27	87	39	Public
Pomona College	26	88	49	Private
University of Central Florida	25	89	40	Public
Claremont McKenna College	23	90	50	Private
University of Mississippi - Oxford	23	90	41	Public
University of Richmond	23	90	50	Private
Virginia Polytechnic Institute and State University	23	90	41	Public
Carnegie Mellon University	22	94	52	Private
Rose-Hulman Institute of Technology	21	95	53	Private
University of California - Davis	21	95	43	Public
University of Houston - University Park	21	95	43	Public
University of Missouri - Columbia	21	95	43	Public
Florida A&M University	20	99	46	Public
Gustavus Adolphus College	20	99	54	Private
Rensselaer Polytechnic Institute	20	99	54	Private
Scripps College	20	99	54	Private
University of Puget Sound	20	99	54	Private
University of Tennessee - Knoxville	20	99	46	Public
Utah State University	20	99	46	Public
Whitman College	20	99	54	Private

The Top 200 Institutions – National Merit and Achievement Scholars (2002), continued

Top 107-145 Institutions in Merit and Achievement Scholars (2002)	Number of Scholars	National Rank	Control Rank	Institutional Control
Bowdoin College	19	107	59	Private
Calvin College	19	107	59	Private
University of Texas - Dallas	19	107	49	Public
Bowling Green State University - Bowling Green	18	110	50	Public
American University	17	111	61	Private
Marquette University	17	111	61	Private
Ohio University - Athens	17	111	51	Public
University of California - Irvine	17	111	51	Public
University of South Florida	17	111	51	Public
DePauw University	16	116	63	Private
Harding University	16	116	63	Private
Hendrix College	16	116	63	Private
Texas Tech University	16	116	54	Public
University of Cincinnati - Cincinnati	16	116	54	Public
University of Dallas	16	116	63	Private
University of Dayton	16	116	63	Private
Ball State University	15	123	56	Public
Boston College	15	123	68	Private
Rhodes College (TN)	15	123	68	Private
Wake Forest University	15	123	68	Private
Worcester Polytechnic Institute	15	123	68	Private
Morehouse College	14	128	72	Private
Southern Methodist University	14	128	72	Private
West Virginia University	14	128	57	Public
Oklahoma State University - Stillwater	13	131	58	Public
Rochester Institute of Technology	13	131	74	Private
University of California - Santa Barbara	13	131	58	Public
Valparaiso University	13	131	74	Private
Abilene Christian University	12	135	76	Private
Lehigh University	12	135	76	Private
Middlebury College	12	135	76	Private
University of Delaware	12	135	60	Public
University of Oregon	12	135	60	Public
Bradley University	11	140	79	Private
College of William and Mary	11	140	62	Public
Davidson College	11	140	79	Private
Spelman College	11	140	79	Private
University of Louisville	11	140	62	Public
Birmingham-Southern College	10	145	82	Private
Colorado College	10	145	82	Private
Gonzaga University	10	145	82	Private
Illinois Wesleyan University	10	145	82	Private
Saint Louis University - St. Louis	10	145	82	Private
Samford University	10	145	82	Private
Truman State University	10	145	64	Public
University of Missouri - Rolla	10	145	64	Public
Westmont College	10	145	82	Private
Wofford College	10	145	82	Private
Xavier University	10	145	82	Private

The Top 200 Institutions – National Merit and Achievement Scholars (2002), continued

Top 156-190 Institutions in Merit and Achievement Scholars (2002)	Number of Scholars	National Rank	Control Rank	Institutional Control
Colorado State University	9	156	66	Public
Kansas State University	9	156	66	Public
Loyola University Chicago	9	156	91	Private
Rutgers the State University of NJ - New Brunswick	9	156	66	Public
Trinity University	9	156	91	Private
University of Alabama - Birmingham	9	156	66	Public
University of Southern Mississippi	9	156	66	Public
University of the South	9	156	91	Private
Butler University	8	164	94	Private
Earlham College	8	164	94	Private
Hillsdale College	8	164	94	Private
Indiana University - Bloomington	8	164	71	Public
Lewis & Clark College	8	164	94	Private
Oral Roberts University	8	164	94	Private
Taylor University - Fort Wayne	8	164	94	Private
University of Idaho	8	164	71	Public
University of Wyoming	8	164	71	Public
Xavier University of Louisiana	8	164	94	Private
Bethel College (MN)	7	174	101	Private
Clarkson University	7	174	101	Private
Gordon College (MA)	7	174	101	Private
Ithaca College	7	174	101	Private
Kalamazoo College	7	174	101	Private
Messiah College	7	174	101	Private
Michigan Technological University	7	174	74	Public
North Dakota State University	7	174	74	Public
Oregon State University	7	174	74	Public
Pepperdine University	7	174	101	Private
Sarah Lawrence College	7	174	101	Private
Transylvania University	7	174	101	Private
University of Maryland - Baltimore County	7	174	74	Public
University of Montana - Missoula	7	174	74	Public
University of Pittsburgh - Pittsburgh	7	174	74	Public
Wellesley College	7	174	101	Private
Albion College	6	190	111	Private
Cedarville University	6	190	111	Private
College of Wooster	6	190	111	Private
Denison University	6	190	111	Private
Franklin & Marshall College	6	190	111	Private
Grove City College	6	190	111	Private
Hampshire College	6	190	111	Private
Hope College	6	190	111	Private
Luther College	6	190	111	Private
Reed College	6	190	111	Private
Smith College	6	190	111	Private
University of North Dakota	6	190	80	Public
Villanova University	6	190	111	Private
Wesleyan University	6	190	111	Private
Wright State University - Dayton	6	190	80	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 2001.

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 2001 Survey data for fiscal years (FYs) 1999-00, the 2000 Survey for FYs 1993-98 data, and the 1999 Survey for FY 1992 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, 2002.

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 2002.

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* (Online: <http://www.nsf.gov/sbe/srs/nsf02308/secta.htm>)

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

CAE's VSE Data Miner service, available online, provides 10 years of data for all participating institutions (more than 950 universities and colleges). Although this is a subscription-based service and requires a user ID and password, limited access is available online 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 2002.

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 online 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, 2001-02
- Beckman Young Investigators, 2002
- Burroughs Wellcome Fund Career Awards, 2002
- Cottrell Scholars, 2002
- Fulbright American Scholars, 2002-03
- Getty Scholars in Residence, 2002-03

- Guggenheim Fellows, 2002
- Howard Hughes Medical Institute Investigators, 2000-01 (This award excluded this year as no awards were given.)
- Lasker Medical Research Awards, 2002
- MacArthur Foundation Fellows, 2002
- Andrew W. Mellon Foundation Distinguished Achievement Awards, 2002
- National Endowment for the Humanities (NEH) Fellows, 2003
- National Humanities Center Fellows, 2002-03
- National Institutes of Health (NIH) MERIT (R37) and Outstanding Investigator (R35), FY 2002
- National Medal of Science and National Medal of Technology, 2002 (these awards were not available at time of publication, and were excluded from this year's rankings.)
- NSF CAREER awards 2002
- Newberry Library Long-term Fellows, 2002-03
- Pew Scholars in Biomedicine, 2002
- Presidential Early Career Awards for Scientists and Engineers (PECASE), 2001 (the 2002 data were not available at time of publication and we used last year's data.)
- Robert Wood Johnson Policy Fellows, 2002-03
- Searle Scholars, 2002
- Sloan Research Fellows, 2002
- US Secretary of Agriculture Honor Awards, 2002
- Woodrow Wilson Fellows, 2002-03

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, 2001, and June 30, 2002.

Each year, universities report their degrees awarded to the NCES in the IPEDS Completions Survey. IPEDS provides straightforward instructions for reporting doctoral degrees awarded. 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. 188).

Postdoctoral Appointees

Source: NSF/Division of Science Resource Statistics (SRS) Survey of Graduate Students and Postdoctorates in Science and Engineering, Fall 2001.

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 survey⁵, 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

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)

published reports. In all cases, we obtain the single-campus data for these schools directly from NSF.

SAT Scores

Source: The College Board’s College Handbook 2003, which reflects the 2001 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. 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 2001-02 National Merit Scholarship Corporation Annual Report, which reflects the 2002 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 institutional 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, 2001, and June 30, 2002.

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 2001.

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. 98-109), 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. 182) 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 only two 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, 2001.

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			
2001 Total Research Expenditures (NSF)	\$118,763	\$118,763	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2001 Federal Research Expenditures (NSF)	\$56,616	\$56,616	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2002 Endowment Assets (NACUBO)	\$205,660	\$205,660	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2002 Annual Giving (CAE VSE Survey)	\$64,367	\$60,505	Estimate 94% is main campus, per institution.
Auburn University			
2002 Endowment Assets (NACUBO)	\$232,884	\$217,747	Estimate 94% is Auburn campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$39,150	\$38,054	Estimate 97% is Auburn campus, per institution.
2001 Postdoctoral Appointees (NSF)	34	34	All postdocs on Auburn campus, per NSF.
Brown University			
Endowment Assets Revision			Institution revised FY 01 data in 2002 NACUBO Study.
Charles R. Drew University of Medicine and Science			
2002 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			
2001 SAT Score (The College Board)	Not Reported	1370	Data obtained from US News and World Report Web site.
Drexel University			
2001 SAT Score (The College Board)	Not Reported	1160	Data obtained from institution's Web site.
Emory University			
Endowment Assets Revision			Institution revised FY 01 data in 2002 NACUBO Study.
Florida International University			
2002 Endowment Assets (NACUBO)	Not Reported	\$48,712	Data provided by institution.
Endowment Assets Revision			Institution revised FY 01 data originally sent to NACUBO via email.
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$10,787	Data provided by institution.
Annual Giving Revision			Institution revised FY 01 data originally sent to CAE VSE via email.
Georgia Institute of Technology			
2002 Endowment Assets (NACUBO)	\$1,073,443	\$1,073,443	Data represent both the Georgia Tech Foundation and the Georgia Institute of Technology, per institution.
Indiana University - Bloomington			
2001 Total Research Expenditures (NSF)	\$259,899	\$103,960	Estimate 40% is Bloomington campus, with institution's knowledge.
2001 Federal Research Expenditures (NSF)	\$116,781	\$46,712	Estimate 40% is Bloomington campus, with institution's knowledge.
2002 Endowment Assets (NACUBO)	\$955,991	\$497,115	Estimate 52% is Bloomington campus, with institution's knowledge.
2002 Annual Giving (CAE VSE Survey)	\$183,625	\$64,269	Estimate 35% is Bloomington campus, with institution's knowledge.
2001 Postdoctoral Appointees (NSF)	356	144	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
Indiana University-Purdue University - Indianapolis			
2001 Total Research Expenditures (NSF)	\$259,899	\$155,939	Estimate 60% is IUPUI campus, with institution's knowledge.
2001 Federal Research Expenditures (NSF)	\$116,781	\$70,069	Estimate 60% is IUPUI campus, with institution's knowledge.
2002 Endowment Assets (NACUBO)	\$955,991	\$430,196	Estimate 45% is IUPUI campus, with institution's knowledge.
2002 Annual Giving (CAE YSE Survey)	\$183,625	\$117,520	Estimate 64% is IUPUI campus, with institution's knowledge.
2001 Postdoctoral Appointees (NSF)	356	212	Data obtained directly from NSF.
Iowa State University			
Endowment Assets Revision			Institution revised FY 01 data in 2002 NACUBO Study.
Jackson State University			
2001 SAT Score (The College Board)	Not Reported	870	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
Johns Hopkins University			
2001 Total Research Expenditures (NSF)	\$999,246	\$999,246	Johns Hopkins' primarily federally funded Applied Physics Lab had \$482 million in total FY 01 R&D expenditures.
2001 Federal Research Expenditures (NSF)	\$879,741	\$879,741	Johns Hopkins' primarily federally funded Applied Physics Lab had \$463 million in federal FY 01 R&D expenditures.
Kansas State University			
2001 SAT Score (The College Board)	Not Reported	1070	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
Louisiana State University - Baton Rouge			
2001 Total Research Expenditures (NSF)	\$268,911	\$185,549	Estimate 69% is Baton Rouge campus, per institution.
2001 Federal Research Expenditures (NSF)	\$94,625	\$65,291	Estimate 69% is Baton Rouge campus, per institution.
2002 Endowment Assets (NACUBO)	\$348,291	\$202,000	Data provided by institution.
2002 Annual Giving (CAE YSE Survey)	Not Reported	\$61,400	Data provided by institution.
2001 Postdoctoral Appointees (NSF)	195	84	Data obtained directly from NSF.
2001 SAT Score (The College Board)	Not Reported	1090	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
Louisiana State University Health Sciences Center			
2001 Total Research Expenditures (NSF)	\$268,911	\$59,160	Estimate 22% is Health Center campus, per institution.
2001 Federal Research Expenditures (NSF)	\$94,625	\$20,818	Estimate 22% is Health Center campus, per institution.
2002 Endowment Assets (NACUBO)	\$348,291	\$52,716	Data provided by institution.
2002 Annual Giving (CAE YSE Survey)	Not Reported	\$9,877	Data provided by institution.
2001 Postdoctoral Appointees (NSF)	195	56	Data obtained directly from NSF.
Loyola University Chicago			
2002 Doctorates Awarded (IPEDS)	206	206	Increase in PhDs attributed to unusually large graduating class, per institution (118 Ph.D.s in 2001).
Medical College of Wisconsin			
2002 Annual Giving (CAE YSE Survey)	Not Reported	\$17,400	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
Mississippi State University			
2001 SAT Score (The College Board)	Not Reported	1090	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
New Mexico State University - Las Cruces			
2001 Total Research Expenditures (NSF)	\$86,963	\$86,963	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus.
2001 Federal Research Expenditures (NSF)	\$61,124	\$61,124	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus.
2002 Endowment Assets (NACUBO)	\$88,972	\$88,972	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus.
2002 Annual Giving (CAE VSE Survey)	\$11,314	\$11,314	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus.
North Carolina State University			
Postdoctoral Appointees Revision	209	75	Institution revised 2001 data originally sent to NSF.
Ohio State University – Columbus			
2001 Total Research Expenditures (NSF)	\$390,652	\$390,652	Less than 1% of research expenditures can be attributed to branch campuses, per institution's Web site. All dollars credited to Columbus campus.
2001 Federal Research Expenditures (NSF)	\$161,092	\$161,092	Less than 1% of research expenditures can be attributed to branch campuses, per institution's Web site. All dollars credited to Columbus campus.
2002 Endowment Assets (NACUBO)	Not Reported	\$960,079	Substituted FY 02 VSE data. All dollars credited to Columbus campus.
2002 Annual Giving (CAE VSE Survey)	\$179,493	\$179,493	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2001 Postdoctoral Appointees (NSF)	283	283	All postdocs on Columbus campus, per NSF.
Oklahoma State University – Stillwater			
2001 Total Research Expenditures (NSF)	\$90,311	\$90,311	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2001 Federal Research Expenditures (NSF)	\$25,636	\$25,636	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2002 Endowment Assets (NACUBO)	\$153,179	\$153,179	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2002 Annual Giving (CAE VSE Survey)	\$31,349	\$31,349	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2001 Postdoctoral Appointees (NSF)	43	43	All postdocs on Stillwater campus, per NSF.
Oregon Health & Science University			
2002 Annual Giving (CAE VSE Survey)	\$63,145	\$62,159	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
Pennsylvania State University - Hershey Medical Ctr			
2001 Total Research Expenditures (NSF)	\$458,066	\$45,807	Estimate 10% is Hershey campus, per institution.
2001 Federal Research Expenditures (NSF)	\$245,951	\$24,595	Estimate 10% is Hershey campus, per institution.
2002 Endowment Assets (NACUBO)	\$891,190	\$124,767	Estimate 14% is Hershey campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$180,681	\$23,489	Estimate 13% is Hershey campus, per institution.
2001 Postdoctoral Appointees (NSF)	307	49	Data obtained directly from NSF.
Pennsylvania State University – University Park			
2001 Total Research Expenditures (NSF)	\$458,066	\$412,259	Estimate 90% is University Park campus, per institution.
2001 Federal Research Expenditures (NSF)	\$245,951	\$221,356	Estimate 90% is University Park campus, per institution.
2002 Endowment Assets (NACUBO)	\$891,190	\$695,128	Estimate 78% is University Park campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$180,681	\$140,931	Estimate 78% is University Park campus, per institution.
2001 Postdoctoral Appointees (NSF)	307	258	Data obtained directly from NSF.
Purdue University - West Lafayette			
2001 Total Research Expenditures (NSF)	\$254,917	\$254,917	Estimate at least 99% is main campus, per institution. All dollars credited to West Lafayette campus.
2001 Federal Research Expenditures (NSF)	\$98,151	\$98,151	Estimate at least 99% is main campus, per institution. All dollars credited to West Lafayette campus.
2002 Endowment Assets (NACUBO)	\$1,098,939	\$1,098,939	Estimate at least 97% is main campus, per institution. All dollars credited to West Lafayette campus.
2002 Annual Giving (CAE VSE Survey)	\$164,000	\$164,000	Estimate at least 98% is main campus, per institution. All dollars credited to West Lafayette campus.
2001 Postdoctoral Appointees (NSF)	247	247	All postdocs on West Lafayette campus, per NSF.
Rush University			
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$29,600	Data obtained from institution's Web site.
Rutgers the State University of NJ - New Brunswick			
2001 Total Research Expenditures (NSF)	\$236,793	\$210,746	Estimate 89% is New Brunswick campus, per institution.
2001 Federal Research Expenditures (NSF)	\$77,156	\$68,669	Estimate 89% is New Brunswick campus, per institution.
2002 Endowment Assets (NACUBO)	\$386,738	\$355,799	Estimate 92% is New Brunswick campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$86,787	\$74,637	Estimate 86% is New Brunswick campus, per institution.
2001 Postdoctoral Appointees (NSF)	161	123	Data obtained directly from NSF.
Stony Brook University			
2002 Doctorates Awarded (IPEDS)	20	361	Institution revised data originally sent to IPEDS.
Texas A&M University			
2002 Endowment Assets (NACUBO)	\$3,743,442	\$3,503,862	Estimate 93.6% is College Station campus, per institution.
Thomas Jefferson University			
2002 Endowment Assets (NACUBO)	Not Reported	\$178,569	Data provided by institution.
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$31,903	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
Tufts University			
Total Research Expenditures Revision			Institution revised FY 99 and FY 00 data in FY 01 NSF Survey.
Federal Research Expenditures Revision			Institution revised FY 99 and FY 00 data in FY 01 NSF Survey.
Union College (NE)			
2001 SAT Score (The College Board)	1470	1470	Data questionable as it represents an increase of 420 points from 2000 data. Does not affect the group of Top American Research Universities.
University of Alabama – Birmingham			
2002 Endowment Assets (NACUBO)	\$624,839	\$251,185	Estimate 40.2% is Birmingham campus, per institution.
2001 SAT Score (The College Board)	Not Reported	1030	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Alabama – Huntsville			
2002 Endowment Assets (NACUBO)	\$624,839	\$18,745	Estimate 3% is Huntsville campus, per institution.
University of Alabama – Tuscaloosa			
2002 Endowment Assets (NACUBO)	\$624,839	\$354,909	Estimate 56.8% is Tuscaloosa campus, per institution.
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$54,569	Data obtained from institution's Web site.
University of Alaska - Fairbanks			
2002 Endowment Assets (NACUBO)	\$174,186	\$34,837	Estimate 20% is Fairbanks campus, per institution.
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$3,780	Data provided by institution.
University of Arkansas - Fayetteville			
2002 Endowment Assets (NACUBO)	\$569,859	\$569,859	Data provided by institution. All dollars credited to Fayetteville campus. Large increase in endowment from last year attributed to a single gift of \$290 million.
University of California - Berkeley			
2001 Total Research Expenditures (NSF)	\$446,273	\$446,273	Large change from FY 2000 to FY 2001 due to UC System Office of the President no longer reporting expenditures through Berkeley.
2001 Federal Research Expenditures (NSF)	\$208,080	\$208,080	Large change from FY 2000 to FY 2001 due to UC System Office of the President no longer reporting expenditures through Berkeley.
2002 Endowment Assets (NACUBO)	\$4,199,067	\$1,774,200	The NACUBO data shown here was reported under the UC Berkeley Foundation. In addition, \$4,199,067 was reported for the entire University of California system. TheCenter substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular campus.
University of California – Davis			
2002 Endowment Assets (NACUBO)	\$55,275	\$400,837	The NACUBO data shown here was reported under the UC Davis Foundation. In addition, \$4,199,067 was reported for the entire University of California system. TheCenter substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular 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 California – Irvine			
2002 Endowment Assets (NACUBO)	\$4,199,067	\$117,884	The NACUBO data shown here was reported under the UC Irvine Foundation. In addition, \$4,199,067 was reported for the entire University of California system. <i>TheCenter</i> substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular campus.
University of California - Los Angeles			
2001 Total Research Expenditures (NSF)	\$693,801	\$693,801	Large change from FY 2000 to FY 2001 due to UC System Office of the President now reporting expenditures through Los Angeles.
2001 Federal Research Expenditures (NSF)	\$312,858	\$312,858	Large change from FY 2000 to FY 2001 due to UC System Office of the President now reporting expenditures through Los Angeles.
2002 Endowment Assets (NACUBO)	\$453,796	\$1,224,018	The NACUBO data shown here was reported under the UC Los Angeles Foundation. In addition, \$4,199,067 was reported for the entire University of California system. <i>TheCenter</i> substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular campus.
University of California - Riverside			
2002 Endowment Assets (NACUBO)	\$4,199,067	\$65,881	The NACUBO data shown here is for the University of California system. <i>TheCenter</i> substituted FY2002 VSE data.
University of California - San Diego			
2002 Endowment Assets (NACUBO)	\$144,650	\$259,241	The NACUBO data shown here was reported under the UC San Diego Foundation. In addition, \$4,199,067 was reported for the entire University of California system. <i>TheCenter</i> substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular campus.
University of California - San Francisco			
2002 Endowment Assets (NACUBO)	\$231,809	\$797,414	The NACUBO data shown here was reported under the UC San Francisco Foundation. In addition, \$4,199,067 was reported for the entire University of California system. <i>TheCenter</i> substituted FY2002 VSE data since we could not determine how much additional system money should be credited to this particular campus.
University of California - Santa Barbara			
2002 Endowment Assets (NACUBO)	\$4,199,067	\$80,830	The NACUBO data shown here is for the University of California system. <i>TheCenter</i> substituted FY2002 VSE data.
University of California - Santa Cruz			
2002 Endowment Assets (NACUBO)	\$4,199,067	\$68,762	The NACUBO data shown here is for the University of California system. <i>TheCenter</i> substituted FY2002 VSE data.

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 Cincinnati – Cincinnati			
2001 Total Research Expenditures (NSF)	\$192,895	\$192,895	Branch campuses offer AA degrees or less, per IPEDS. Estimate at least 97% is Cincinnati campus. All dollars credited to Cincinnati campus.
2001 Federal Research Expenditures (NSF)	\$128,049	\$128,049	Branch campuses offer AA degrees or less, per IPEDS. Estimate at least 97% is Cincinnati campus. All dollars credited to Cincinnati campus.
2002 Endowment Assets (NACUBO)	\$894,031	\$894,031	Estimate at least 99% is main campus, per institution. All dollars credited to Cincinnati campus.
2002 Annual Giving (CAE VSE Survey)	\$131,475	\$131,475	Estimate at least 99% is main campus, per institution. All dollars credited to Cincinnati campus.
2001 Postdoctoral Appointees (NSF)	173	173	All postdocs on Cincinnati campus, per NSF.
University of Colorado – Boulder			
2001 Total Research Expenditures (NSF)	\$365,472	\$201,010	Estimate 55% is Boulder campus, per institution.
2001 Federal Research Expenditures (NSF)	\$308,643	\$172,840	Estimate 56% is Boulder campus, per institution.
2002 Endowment Assets (NACUBO)	\$378,561	\$196,852	Estimate 52% is Boulder campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$105,183	\$61,006	Estimate 58% is Boulder campus, per institution.
2001 Postdoctoral Appointees (NSF)	950	678	Data obtained directly from NSF.
University of Colorado Health Sciences Center			
2001 Total Research Expenditures (NSF)	\$365,472	\$160,808	Estimate 44% is Health Sciences Center campus, per institution.
2001 Federal Research Expenditures (NSF)	\$308,643	\$132,716	Estimate 43% is Health Sciences Center campus, per institution.
2002 Endowment Assets (NACUBO)	\$378,561	\$113,568	Estimate 30% is Health Sciences Center campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$105,183	\$31,555	Estimate 30% is Health SciencesCenter campus, per institution.
2001 Postdoctoral Appointees (NSF)	950	272	Data obtained directly from NSF.
University of Connecticut - Health Center			
2001 Total Research Expenditures (NSF)	\$164,366	\$72,321	Estimate 44% is Health Center campus, per institution.
2001 Federal Research Expenditures (NSF)	\$70,013	\$39,907	Estimate 57% is Health Center campus, per institution.
2002 Endowment Assets (NACUBO)	\$156,976	\$51,802	Estimate 33% is Health Center campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$43,259	\$8,652	Estimate obtained from institution's Web site.
2001 Postdoctoral Appointees (NSF)	241	121	Data obtained directly from NSF.
University of Connecticut - Storrs			
2001 Total Research Expenditures (NSF)	\$164,366	\$92,045	Estimate 56% is Storrs campus, per institution.
2001 Federal Research Expenditures (NSF)	\$70,013	\$30,106	Estimate 43% is Storrs campus, per institution.
2002 Endowment Assets (NACUBO)	\$156,976	\$105,174	Estimate 67% is Storrs campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$43,259	\$34,607	Estimate obtained from institution's Web site.
2001 Postdoctoral Appointees (NSF)	241	120	Data obtained directly from NSF.
University of Florida			
2001 Postdoctoral Appointees (NSF)	311	510	Large increase due to more centralized submission process of NSF data, per institution, to ensure accurate and consistent data reported to 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 Georgia			
Endowment Assets Revision			Institution revised FY 01 data in 2002 NACUBO Study.
University of Hawaii - Manoa			
2002 Endowment Assets (NACUBO)	\$152,411	\$144,790	Estimate 95% is Manoa campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$20,527	\$18,269	Estimate 89% is Manoa campus, per institution.
University of Houston - University Park			
2002 Endowment Assets (NACUBO)	\$382,024	\$294,158	Estimate 77% is University Park campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$43,651	\$32,302	Estimate 74% is University Park campus, per institution.
University of Illinois - Chicago			
2002 Endowment Assets (NACUBO)	\$881,949	\$105,834	Estimate 12% is Chicago campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$219,585	\$74,659	Estimate 34% is Chicago campus, per institution.
2001 SAT Score (The College Board)	Not Reported	1090	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Illinois - Urbana-Champaign			
2002 Endowment Assets (NACUBO)	\$881,949	\$608,545	Estimate 69% is Urbana-Champaign campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$219,585	\$129,555	Estimate 59% is Urbana-Champaign campus, per institution.
University of Kansas - Lawrence			
2001 Total Research Expenditures (NSF)	\$156,467	\$93,880	Estimate 60% is Lawrence campus, per institution.
2001 Federal Research Expenditures (NSF)	\$74,494	\$43,951	Estimate 59% is Lawrence campus, per institution.
2002 Endowment Assets (NACUBO)	\$732,186	\$585,749	Estimate 80% is Lawrence campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$71,801	\$57,441	Estimate 80% is Lawrence campus, per institution.
2001 Postdoctoral Appointees (NSF)	194	140	Data obtained directly from NSF.
2001 SAT Score (The College Board)	Not Reported	1140	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Kansas Medical Center			
2001 Total Research Expenditures (NSF)	\$156,467	\$62,587	Estimate 40% is Medical Center campus, per institution.
2001 Federal Research Expenditures (NSF)	\$74,494	\$30,543	Estimate 41% is Medical Center campus, per institution.
2002 Endowment Assets (NACUBO)	\$732,186	\$146,437	Estimate 20% is Medical Center campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$71,801	\$14,360	Estimate 20% is Medical Center campus, per institution.
2001 Postdoctoral Appointees (NSF)	194	54	Data obtained directly from NSF.
University of Louisville			
2001 SAT Score (The College Board)	Not Reported	1010	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Maine - Orono			
2002 Endowment Assets (NACUBO)	Not Reported	\$117,829	Substituted FY 02 VSE data.
University of Maryland – Baltimore			
2002 Endowment Assets (NACUBO)	\$453,146	\$135,944	Estimate 30% is Baltimore 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 Maryland - Baltimore County			
2002 Endowment Assets (NACUBO)	\$453,146	\$13,594	Estimate 3% is Baltimore County campus, per institution.
University of Maryland - College Park			
2002 Endowment Assets (NACUBO)	\$453,146	\$290,013	Estimate 64% is College Park campus, per institution.
University of Massachusetts – Amherst			
2002 Endowment Assets (NACUBO)	\$161,350	\$70,994	Estimate 44% is Amherst campus, per institution.
2001 Postdoctoral Appointees (NSF)	397	134	Data obtained directly from NSF.
University of Massachusetts Medical Sch - Worcester			
2002 Endowment Assets (NACUBO)	\$161,350	\$45,178	Estimate 28% is Worcester campus, per institution.
2001 Postdoctoral Appointees (NSF)	397	256	Data obtained directly from NSF.
University of Medicine & Dentistry of New Jersey			
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$18,000	Data obtained from institution's Web site.
University of Michigan - Ann Arbor			
2002 Endowment Assets (NACUBO)	\$3,375,689	\$3,240,661	Estimate 96% is Ann Arbor campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$168,107	\$161,383	Estimate 96% is Ann Arbor campus, per institution.
2001 Postdoctoral Appointees (NSF)	624	624	All postdocs on Ann Arbor campus, per NSF.
University of Minnesota - Twin Cities			
2001 Total Research Expenditures (NSF)	\$462,011	\$462,011	Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2001 Federal Research Expenditures (NSF)	\$264,289	\$264,289	Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2002 Endowment Assets (NACUBO)	\$1,501,394	\$1,501,394	Includes Minnesota Medical Foundation. Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2002 Annual Giving (CAE VSE Survey)	\$233,338	\$233,338	Estimate at least 99% is main campus, per institution. All dollars credited to Twin Cities campus.
2001 Postdoctoral Appointees (NSF)	624	615	Data obtained directly from NSF.
University of Mississippi - Oxford			
2001 Total Research Expenditures (NSF)	\$39,552	\$39,552	Total expenditures reported to NSF is for Oxford campus only, per institution.
2001 Federal Research Expenditures (NSF)	\$30,108	\$30,108	Federal expenditures reported to NSF is for Oxford campus only, per institution.
2002 Endowment Assets (NACUBO)	\$346,425	\$284,069	Estimate 82% is Oxford campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$111,311	\$104,632	Estimate 94% is Oxford campus, per institution. Large increase in giving over last year attributed to more accurate data being provided by institution this year, per institution.
2001 Postdoctoral Appointees (NSF)	59	40	Data obtained directly from NSF.
2001 SAT Score (The College Board)	Not Reported	1070	Institution did not report 2001 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
University of Missouri – Columbia			
2002 Endowment Assets (NACUBO)	\$747,700	\$381,177	Data provided by institution.
2001 SAT Score (The College Board)	Not Reported	1200	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Nebraska – Lincoln			
2002 Endowment Assets (NACUBO)	\$769,064	\$576,798	Estimate 75% is Lincoln campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$109,179	\$64,416	Estimate 59% is Lincoln campus, per institution.
University of Nebraska Medical Center			
2002 Endowment Assets (NACUBO)	\$769,064	\$138,432	Estimate 18% is Medical Center campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$109,179	\$36,029	Estimate 33% is Medical Center campus, per institution.
University of Nevada - Reno			
2002 Endowment Assets (NACUBO)	Not Reported	\$119,242	Substituted FY 02 VSE data.
University of New Hampshire – Durham			
2001 Total Research Expenditures (NSF)	\$87,879	\$87,879	Estimate at least 97% is main campus, per institution. All dollars credited to Durham campus.
2001 Federal Research Expenditures (NSF)	\$45,223	\$45,223	Estimate at least 97% is main campus, per institution. All dollars credited to Durham campus.
2002 Endowment Assets (NACUBO)	\$151,260	\$136,134	Estimate 90% is Durham campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$14,473	\$14,473	Estimate at least 97% is main campus, per institution. All dollars credited to Durham campus
2001 Postdoctoral Appointees (NSF)	24	24	All postdocs on Durham campus, per NSF.
University of New Mexico – Albuquerque			
2002 Endowment Assets (NACUBO)	\$170,830	\$170,830	Estimate at least 97% is main campus, per institution. All dollars credited to Albuquerque campus.
2002 Annual Giving (CAE VSE Survey)	\$35,423	\$35,423	Estimate at least 97% is main campus, per institution. All dollars credited to Albuquerque campus.
2001 Postdoctoral Appointees (NSF)	51	51	All postdocs on Albuquerque campus, per NSF.
University of Oklahoma – Norman			
2001 Total Research Expenditures (NSF)	\$148,695	\$90,704	Estimate 61% is Norman Campus, per institution.
2001 Federal Research Expenditures (NSF)	\$60,264	\$34,350	Estimate 57% is Norman campus, per institution.
2002 Endowment Assets (NACUBO)	\$569,722	\$398,805	Estimate 70% is Norman campus, per institution. Institution revised FY 01 data in 2002 NACUBO Study.
2002 Annual Giving (CAE VSE Survey)	\$91,323	\$67,579	Estimate 74% is Norman campus, per institution.
2001 Postdoctoral Appointees (NSF)	109	48	Data obtained directly from NSF.
2001 SAT Score (The College Board)	Not Reported	1125	Institution did not report 2001 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
University of Oklahoma Health Sciences Center			
2001 Total Research Expenditures (NSF)	\$148,695	\$57,991	Estimate 39% is Health Sciences Center campus, per institution.
2001 Federal Research Expenditures (NSF)	\$60,264	\$25,914	Estimate 43% is Health Sciences Center campus, per institution.
2002 Endowment Assets (NACUBO)	\$569,722	\$170,917	Estimate 30% is Health Sciences Center, per institution. Institution revised FY 01 data in 2002 NACUBO Study.
2002 Annual Giving (CAE VSE Survey)	\$91,323	\$23,744	Estimate 26% is Health Sciences Center campus, per institution.
2001 Postdoctoral Appointees (NSF)	109	61	Data obtained directly from NSF.
University of Pittsburgh - Pittsburgh			
2001 Total Research Expenditures (NSF)	\$348,792	\$348,792	Estimate 100% is main campus, per institution. All dollars credited to Pittsburgh campus.
2001 Federal Research Expenditures (NSF)	\$26,8571	\$268,571	Estimate 100% is main campus, per institution. All dollars credited to Pittsburgh campus.
2002 Endowment Assets (NACUBO)	\$1,153,362	\$1,153,362	Estimate at least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2002 Annual Giving (CAE VSE Survey)	\$75,248	\$75,248	Estimate at least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2001 Postdoctoral Appointees (NSF)	554	554	All postdocs on Pittsburgh campus, per NSF.
University of South Carolina – Columbia			
2001 Total Research Expenditures (NSF)	\$109,973	\$109,973	Estimate at least 97% is main campus, per institution. All dollars credited to main campus.
2001 Federal Research Expenditures (NSF)	\$51,983	\$51,983	Estimate at least 97% is main campus, per institution. All dollars credited to main campus.
2002 Endowment Assets (NACUBO)	\$292,562	\$292,562	Estimate at least 97% is main campus, per institution. All dollars credited to Columbia campus.
2002 Annual Giving (CAE VSE Survey)	\$70,588	\$64,235	Estimate 91% is Columbia campus, per institution.
2001 Postdoctoral Appointees (NSF)	133	133	All postdocs on Columbia campus, per NSF.
University of Tennessee - Knoxville			
2001 Total Research Expenditures (NSF)	\$161,898	\$111,710	Estimate 69% is Knoxville campus, with institution's knowledge.
2001 Federal Research Expenditures (NSF)	\$78,611	\$48,739	Estimate 62% is Knoxville campus, with institution's knowledge.
2002 Endowment Assets (NACUBO)	\$588,089	\$446,948	Estimate 76% is Knoxville campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$79,077	\$69,588	Estimate 88% is Knoxville campus, per institution.
University of Tennessee Health Science Center			
2001 Total Research Expenditures (NSF)	\$161,898	\$48,569	Estimate 30% is Health Science Center campus, with institution's knowledge.
2001 Federal Research Expenditures (NSF)	\$78,611	\$29,872	Estimate 38% is Health Science Center campus, with institution's knowledge.
2002 Endowment Assets (NACUBO)	\$588,089	\$123,499	Estimate 21% is Health Science Center campus, per institution.
2002 Annual Giving (CAE VSE Survey)	\$79,077	\$9,489	Estimate 12% is Health Science Center campus, per institution.
University of Texas - Austin			
2002 Endowment Assets (NACUBO)	Not Reported	\$1,351,158	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 Health Science Center - Houston			
2002 Endowment Assets (NACUBO)	Not Reported	\$87,927	Substituted FY 02 VSE data, per institution.
University of Texas Health Science Ctr – San Antonio			
2002 Endowment Assets (NACUBO)	Not Reported	\$226,799	Substituted FY 02 VSE data, per institution.
University of Texas MD Anderson Cancer Center			
2002 Endowment Assets (NACUBO)	Not Reported	\$263,643	Substituted FY 02 VSE data, per institution.
University of Texas Medical Branch - Galveston			
2002 Endowment Assets (NACUBO)	Not Reported	\$295,898	Substituted FY 02 VSE data, per institution.
University of Texas SW Medical Center - Dallas			
2002 Endowment Assets (NACUBO)	Not Reported	\$724,188	Data provided by institution.
University of Utah			
2001 SAT Score (The College Board)	Not Reported	1070	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
University of Virginia			
Total Research Expenditures Revision			Institution revised FY 99 and FY 00 data in FY 01 NSF Survey.
Federal Research Expenditures Revision			Institution revised FY 99 and FY 00 data in FY 01 NSF Survey.
University of Washington - Seattle			
2001 Total Research Expenditures (NSF)	\$589,626	\$589,626	Less than 1% of research expenditures can be attributed to branch campuses, per institution's Web site. All dollars credited to Seattle campus.
2001 Federal Research Expenditures (NSF)	\$435,103	\$435,103	Less than 1% of research expenditures can be attributed to branch campuses, per institution's Web site. All dollars credited to Seattle campus.
2002 Endowment Assets (NACUBO)	\$1,111,726	\$1,111,726	Estimate at least 99% is main campus, per institution. All dollars credited to Seattle campus.
2002 Annual Giving (CAE VSE Survey)	\$231,814	\$231,814	Estimate at least 99% is main campus, per institution. All dollars credited to Seattle campus.
2001 Postdoctoral Appointees (NSF)	938	938	All postdocs on Seattle campus, per NSF.
University of Wisconsin – Madison			
2002 Endowment Assets (NACUBO)	Not Reported	\$1,000,857	Substituted FY 02 VSE data for the Madison campus, per institution.
Washington State University – Pullman			
2001 Total Research Expenditures (NSF)	\$107,937	\$99,302	Estimate 92% is Pullman campus, per institution.
2001 Federal Research Expenditures (NSF)	\$48,660	\$43,989	Estimate 90% is Pullman campus, per institution.
2002 Endowment Assets (NACUBO)	\$473,225	\$473,225	Estimate at least 97% is main campus, per institution. All dollars credited to Pullman campus.
2002 Annual Giving (CAE VSE Survey)	\$42,739	\$39,747	Estimate obtained from institution's Web site.
2002 Doctorates Awarded (IPEDS)	161	161	Includes degrees from Spokane, Tri-Cities, and Vancouver branch campuses.
2001 Postdoctoral Appointees (NSF)	161	161	All postdocs on Pullman campus, per 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
Wayne State University			
2001 SAT Score (The College Board)	Not Reported	970	Institution did not report 2001 SAT, but did report median ACT. Converted ACT score to SAT score.
Woods Hole Oceanographic Institution			
2002 Endowment Assets (NACUBO)	Not Reported	\$234,600	Data provided by institution.
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$13,800	Data provided by institution.
Yale University			
Endowment Assets Revision			Institution revised FY 01 data in 2002 NACUBO Study.
Yeshiva University			
2002 Annual Giving (CAE VSE Survey)	Not Reported	\$61,628	Data provided by institution.

The Center Advisory Board

Arthur M. Cohen

Professor, Higher Education and Work
Director, ERIC Clearinghouse for Community Colleges
University of California, Los Angeles

Larry Goldstein

President, Campus Strategies
Fellow, SCT
Senior Fellow, NACUBO

Gerardo M. Gonzalez

University Dean for the School of Education
Indiana University

D. Bruce Johnstone

Professor, Department of Educational Leadership and Policy
Director, Learning Productivity Network
Director, International Comparative Higher Education
Finance and Accessibility Project
University at Buffalo

Roger Kaufman

Professor Emeritus, Educational Psychology and Learning
Florida State University
Director, Roger Kaufman & Associates

Gordon C. Winston

Orrin Sage Professor of Political Economy
Co-Director, Mellon Project
Williams College

The Center Publications

Using National Data in University Rankings and Comparisons (*The Center Reports*, June 2003) by Denise S. Gater
[<http://thecenter.ufl.edu/gaternatldata.pdf>]

A Review of Measures Used in U.S. News & World Report's "America's Best Colleges" (*The Center*, An Occasional Paper from The Lombardi Program on Measuring University Performance, Summer 2002) by Denise S. Gater
[<http://thecenter.ufl.edu/Gater0702.pdf>]

The Center Top American Research Universities: An Overview (*The Center Reports*, 2002) by Diane D. Craig
[<http://thecenter.ufl.edu/TARUChina.pdf>]

The Top American Research Universities (*The Center*, 2000, 2001) by John V. Lombardi, et al.
[<http://thecenter.ufl.edu/research2001.html>]

The Competition for Top Undergraduates by America's Colleges and Universities (*The Center Reports*, 2001) by Denise S. Gater
[<http://thecenter.ufl.edu/gaterUG1.pdf>]

The Use of IPEDS/AAUP Faculty Data in Institutional Peer Comparisons (*The Center Reports*, 2001) by Denise S. Gater and John V. Lombardi
[<http://thecenter.ufl.edu/gaterFaculty1.pdf>]

Toward Determining Societal Value Added Criteria for Research and Comprehensive Universities (*The Center Reports*, 2001) by Roger Kaufman
[<http://thecenter.ufl.edu/kaufman1.pdf>]

U.S. News & World Report's *Methodology* (*The Center Reports*, 2001, Revised) by Denise S. Gater
[<http://thecenter.ufl.edu/usnews.html>]

TheCenter Staff

John V. Lombardi

Co-Editor, *TheCenter*
Chancellor, University of Massachusetts Amherst

Elizabeth D. Capaldi

Co-Editor, *TheCenter*
Vice Chancellor and Chief of Staff,
State University of New York
Provost, University at Buffalo

Kristy R. Reeves

Research Director, *TheCenter*
University of Florida

Diane D. Craig

Research Associate, *TheCenter*
Communications Lead, UF Bridges Project
University of Florida

Lynne N. Collis

Administrative Services, *TheCenter*
University of Florida

Denise S. Gater

Research Associate, *TheCenter*
Associate Director, Institutional Research
University of Florida

Will J. Collante

Web/Database Developer, *TheCenter* and Institutional Research
University of Florida

Danica A. Roark

Graduate Research Assistant, *TheCenter*
University of Florida

TheCenter



UNIVERSITY OF
FLORIDA

PO Box 112012
Gainesville, FL 32611-2012
Phone: (352) 846-3501
Fax: (352) 392-8774

<http://thecenter.ufl.edu>
thecenter@ufl.edu