

The Center

The Top American Research Universities

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An Annual Report from
The Lombardi Program on Measuring University Performance

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CORRECTED

NOTICE:

Due to a technical error in *TheCenter* database, the original published hardcopy version of *The Top American Research Universities*, 2005 had erroneous data in some of the tables. Specifically, the **Postdoctoral Appointees** table had incorrect control rankings (pages 106-113 in the original printed version). Because the Postdoctoral Appointees table was incorrect, the tables that displayed the **Top American Research Universities** (pages 28-39 in the original printed version), the two tables that displayed *TheCenter Measures* (pages 170-185 in the original printed version), and the table that displayed **The Top 200 Institutions—Postdoctoral Appointees (2003)** (pages 216-219 in the original printed version) were also incorrect.

We corrected the control rankings in the database and posted the corrected tables on *TheCenter* website (<http://thecenter.ufl.edu>). In addition, *TheCenter* has republished this corrected hardcopy 2005 edition of *The Top American Research Universities* to replace the original edition.

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Introduction

Background

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.

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 sixth 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. The scope of these tables now includes non-federal research expenditures, total research expenditures by major discipline, and more trend data, and presents data on the top 200 institutions for each measure used in constructing the 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.

Medical and Engineering Programs

In the essay portion of this 2005 edition of *The Top American Research Universities*, we build on the continuing effort to understand the impact of major components of 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, the importance of disposable income in supporting research competition, and the role of intercollegiate athletics in research universities.

“The role of high performing medical schools and competitive engineering schools appears to give a critical advantage in the university competition for research funding.”

medical schools vary dramatically in their research productivity, we thought it useful to place the contribution of medical schools to their campus’ research productivity into a clearer perspective. This edition includes a discussion of the impact of medical schools and engineering schools on research university competitiveness and provides a set of data that reorders the institutions with the medical school component removed. As is always our practice, we put the complete table used for this discussion on line in Excel format so our colleagues can download it and reorder or reanalyze it as appropriate for their needs.

In this year’s report, we return to a topic of considerable continuing interest in the management of research university competition. Most observers of this competition see the role of high performing medical schools and competitive engineering schools as critical advantages in the competition for federal and other research funding. They worry that the comparisons between institutions with medical and engineering schools and those without distort their relative competitiveness. While the data are very clear that

TheCenter at Six Years

A unique research enterprise, *TheCenter* focuses on the competitive national context for major research universities. As mentioned above, *TheCenter*’s annual report, *The Top American Research Universities*, classifies universities into groups according to their standing on nine measures: total research expenditures, federal research expenditures, endowment assets, annual giving, National Academy members, faculty awards, PhDs awarded, postdoctoral appointees, and SAT/ACT scores. *The Top American Research Universities* not only provides data on various research universities, but also addresses a topic relevant to university performance as part of each year’s publication. These studies, also published separately online, include:

- The Myth of Number One: Indicators of Research University Performance (2000)
- Quality Engines: The Competitive Context for Research Universities (2001)
- University Organization, Governance, and Competitiveness (2002)
- The Sports Imperative in America’s Research Universities (2003)
- Measuring and Improving Research Universities: *TheCenter* at Five Years (2004)
- Deconstructing University Rankings: Medicine and Engineering and Single Campus Research Competitiveness (2005)

The Top American Research Universities provides a set of data universities find useful for many purposes in measuring their competitive performance. Many universities routinely request multiple copies of the report each year to give to donors, trustees, and legislatures. The report provides a context for monitoring progress from year to year, and serves as a benchmark for institutional comparisons. Universities also use our report as a means to complete strategic plans. Various other groups contact *TheCenter* for copies of the report or for permission to reproduce the parts of the report of interest to their institution. Agencies and consulting firms request copies when taking on higher education clients, and graduate students from across the country use *TheCenter* Web site and call seeking additional data for their research.

TheCenter also appears as a reference on various Web sites. These include the Association for American Universities (AAU; <http://www.aau.edu>) and the Association for American Universities Data Exchange (AAUDE; <http://www.pb.illinois.edu/AAUDE/>). Another site is the University of Illinois' education library's excellent site that references a wide range of college rankings publications (<http://www.library.uiuc.edu/edx/rankgrad.htm>). Many institutions use *TheCenter's* faculty awards and honors list as a standardized source for these difficult-to-compile data.

Another feature of particular interest to institutions is the focus on campus-specific data within the tables of *The Top American Research Universities*. Many sources of university data report numbers for systems in some states and for individual campuses in others, making comparisons difficult. *TheCenter* allocates system data to individual campuses using the best information (usually from the campuses themselves) available. Indeed, it is this feature that prompted the Carnegie Foundation for the Advancement of Teaching to use *TheCenter's* methodology for allocating system data to campuses for its new classifications.

For R&D expenditures data, we used the allocation scheme developed by *TheCenter* at the University of Florida and used in their rankings of research universities (see <http://thecenter.ufl.edu/DataNotesIntroText.html> [accessed December 20, 2005]). The Carnegie Classification of Institutions of Higher Education (<http://carnegieclassification-preview.org/pdf/preview-basic2005.pdf>), accessed December 30, 2005.

The response includes an average of 6,300 hits within the four months immediately following its release each year. On average, *TheCenter* mails approximately 2,800 copies of the report each year, which includes foreign requests. Immediately following the release of the report, newspapers across the country call *TheCenter* to get more information regarding the results. National newspapers are often interested in the content of the new essay presented in the front section of the report each year.

In addition to the annual report and the separately published studies mentioned above, *TheCenter* also produces various other publications on issues important to research universities, such as national rankings and faculty data. Below is a comprehensive list of the publications produced by *TheCenter*.

- A series of columns (Reality Check), many on issues derived from *TheCenter's* work appears at Inside Higher Education, an online higher education publication. Available at [[\[insidehighered.com/views/reality_check\]\(http://insidehighered.com/views/reality_check\)\] some of the topics include:](http://

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- Paying for the Research Juggernaut. (12/15/05)
- Too Much Money? Sports and the Budget. (10/11/05)
- We're All Getting Better. (10/17/05)
- Rearranging the Deck Chairs. (7/15/05)
- Equalizing Merit and Economic Opportunity. (5/19/05)
- Accountability, Improvement and Money. (5/3/05)
- Fuzzy Numbers [student/faculty ratio]. (4/15/05)
- Luxury, Subsidy and Opportunity: Purchasing a Quality Education. (3/28/05)
- Preserving the Audience: The NCAA and the APR. (3/14/05)
- Who Gets In, What It Costs. (2/28/05)
- Missing the Mark: Graduation Rates and University Performance. (2/14/05)
- The Enemy Is Us: Cost Reduction in College Sports. (1/31/05)
- Using National Data in University Rankings and Comparisons (*TheCenter 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" (*TheCenter*, An Occasional Paper from The Lombardi Program on Measuring University Performance, Summer 2002) by Denise S. Gater [<http://thecenter.ufl.edu/gater0702.pdf>]
- *TheCenter Top American Research Universities: An Overview* (*TheCenter Reports*, 2002) by Diane D. Craig [<http://thecenter.ufl.edu/TARUChina.pdf>]
- *The Top American Research Universities* (*TheCenter*, 2000, 2001, 2002, 2003, 2004, 2005) by John V. Lombardi, et al. [<http://thecenter.ufl.edu/research2004.html>]

- The Competition for Top Undergraduates by America's Colleges and Universities (*TheCenter Reports*, 2001) by Denise S. Gater
[<http://thecenter.ufl.edu/gaterUG1.pdf>]
- The Use of IPEDS/AAUP Faculty Data in Institutional Peer Comparisons (*TheCenter 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 (*TheCenter Reports*, 2001) by Roger Kaufman
[<http://thecenter.ufl.edu/kaufman1.pdf>]
- U. S. News & World Report's Methodology (*TheCenter Reports*, 2001, Revised) by Denise S. Gater
[<http://thecenter.ufl.edu/usnews.html>]

In addition to publications, the staff of *TheCenter* has been asked to present talks on the research at various conferences, both nationally and internationally. The staff has made presentations at national conferences such as the National Education Writers' Association, Collegis Conference, National Council of University Research Administrators, Association of Institutional Research, Association of American Universities Data Exchange, Southern Association of College and University Business Officers, New England Association for Institutional Research, and American Strategic Management Institute. International presentations have also been made in China and Venezuela. In addition, *TheCenter* and its co-directors receive many visitors from various countries and institutions including Japan, US Naval Postgraduate School, Toyota Technical Center, and the Mitsubishi Research Institute.

The Advisory Board, The Staff, and Institutional Support

In developing this sixth 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. We appreciate the work of Craig Abbey at SUNY for his help with the study of medical and engineering programs.

This report draws on the work of Kristy Reeves as Research Director for the 2005 edition and the careful work of Craig Abbey, Research Director for this corrected edition. We have continued to rely on the expertise of Denise Mirka (University of Florida, Office of Institutional Research), and we are pleased to acknowledge Victor Yellen, Director of Institutional Research at Florida, for his constant support, encouragement, and expertise over the years.

Over the last several years, this publication, originally an effort of the University of Florida, has become a multi-university collaboration with support provided by the University of Florida; the University of Massachusetts Amherst; and SUNY, The State University of New York. This broad base of institutional support has made it possible for the co-directors to continue to sustain the *TheCenter's* work and to insist on the principle that university data, derived from national sources and institutional cooperation, must be presented to the academic community in an open, comprehensive, and freely accessible format.

That mission has inspired *The Top American Research Universities* project since it came into being through a significant gift from Mr. Lewis M. Schott. His commitment to this project and its authors is a source of inspiration and encouragement second to none.

John V. Lombardi

Elizabeth D. Capaldi

Deconstructing University Rankings

Medicine and Engineering, and Single Campus Research Competitiveness

Finding Number One

Major research universities continually monitor their performance relative to other highly competitive institutions, seeking to understand their own position within the competition for the faculty, students, and resources that produce institutional quality and, by extension, prestige. We have participated in this effort at *TheCenter* for a number of years, producing tables on research university performance that rely on the best nationally available data. Many other organizations, mostly commercial, make various comparisons that attempt to rank institutional performance, but most of these efforts are highly controversial and often of dubious methodological reliability. The most suspect comparisons attempt to assign a single number that represents university quality in some way and then rank all institutions by this single number. Even though the errors in this process are many and an extensive literature exists critiquing the process, single-value rankings remain popular for many reasons.

The principal virtue of these spurious rankings is that they purport to declare a “winner” in the competition for institutional quality in a format familiar to followers of college sports teams or the magazine rankings of corporations, hospitals, restaurants, movies, towns, and every other facet of American life. The rankings of colleges and universities offer the possibility for an annual, end-of-the-competitive-season score that heralds the season’s winner of the academic tournament. Although such notions become popular among various constituencies, the basic concept is foolish because university quality rarely changes dramatically from year to year, and the differences in the performance of similar institutions are not only too small to measure but essentially meaningless. As a result, institutions interested in understanding their relative position in the competition for quality look to other data such as the tables in *TheCenter’s Top American Research Universities (TARU)* to provide them with a context for assessing their own performance over time.

Measuring Market Share

All efforts to categorize academic institutions have limits defined by the characteristics of the data used and the methodology that constructs the tables. Intelligent use of any comparative university data requires an understanding of the purposes of the tables, and a clear sense of the questions the methodology and the categories derived from it can reliably answer. *TheCenter’s* data and methodology speak to a specific set of questions and provide answers within a specific context. Although we often make this point in various conversations, it bears repeating here. *TARU* does not attempt to measure something that might be called total university quality. It does not display the best undergraduate or graduate program. It does not find the highest-quality average faculty performance. These might well be useful outcomes, but the data currently available do not yield good answers to such questions, even though many commercial organizations attempt to provide answers using flawed data and unreliable methodology.

TARU asks a different set of questions. We have discussed this issue before, but the topic warrants continued attention. *TARU* is essentially a market share study. It begins with the observation that the pool of highly productive research talent is scarce relative to the number of higher education institutions competing for that talent. It continues with the observation that universities compete with each other to acquire as much of this talent as possible. *TARU* then looks at the national indicators that reflect institutional success in capturing shares of this scarce talent pool. As a result, in measuring federal research expenditures, for example, *TARU* reflects that portion of the total research dollars spent in any year attributable to the research work on each campus. This, in turn, is a reflection of the number of the campus’ high-quality research people and their effectiveness in the competition for grants from the fixed pool of federal research support.

While the data to measure market share of research talent do not exist in any reliable form, various indicators do exist. Because universities acquire this talent in order to increase their research productivity, the measurement of an indicator of success in the competition for research funding and other scarce research

products provides us with indicators of each institution's success in competing for talent. Choice of indicators is less the result of designing ideal markers of research productivity than it is a consequence of the national data collection that makes reasonably reliable information available about the nation's academic research productivity.

For that reason *TARU* focuses on total and federal research expenditures, two categories of faculty awards and distinctions, private resources related to endowment and annual giving, numbers of doctorates and post-docs, and, for an indicator of the institutional competitiveness in attracting high-quality students, average SAT scores. These nine indicators reflect much of the competitive focus of major research universities. The data do not capture every element of high-quality academic research competition. For example, the data on research success in the humanities and social sciences are only marginally captured in the data on faculty distinctions, and limited information exists on the quality of professional schools such as law, business, or nursing.

TARU also reflects another observation. Very good research universities often are very good in everything they do. Other institutions are nationally competitive in some things and not in others. As a result, *TARU* categorizes universities by how effectively they compete in all categories. In addition, because we think the real difference between similarly competitive institutions is quite small, we construct our categories broadly, taking institutions that fall into the top 25 in any category as being reasonably comparable in their competitiveness in acquiring market share of a particular resource in that category (research dollars, faculty awards, etc.). Even so, data have different uses in different contexts. While we have one perspective on these issues, others in the academic community

may find other methods of arranging these data more useful in pursuing their institutional goals. *TARU* provides all the data used in the categorization as well as additional information about institutional characteristics to the academic community each year on *TheCenter's* Web site [<http://thecenter.ufl.edu>]. This has two purposes. The first is to share the data with colleagues, and the second is to permit others to challenge, reconfigure, or replicate the work.

The Challenge of Comparability

Although this methodology and its data serve to distinguish the most competitive institutions and track the relative shares captured by institutions in this marketplace, *TARU* does not answer many other questions. For example, the success of any institution within this marketplace depends on a combination of many institutional characteristics. Some institutions have medical or engineering schools or colleges with significant emphasis on research fields of high significance to federal agencies with large amounts of available funding. Other institutions, with less emphasis on dollar-denominated science or with a relatively smaller commitment to fields of interest to federal research funding, for example, may end up with a smaller market share of federal expenditures, even though their faculty may be as distinguished and as productive as the science faculty of any institution.

Institutional size is relevant, as well, because all indicators speak to market share. The more faculty available to compete in the marketplace, all other things being equal, the higher the market share an institution can capture. University wealth is significant because the competition for talent requires money to hire highly talented individuals, to provide the research infrastructure, to support the institutional matching funds often required to compete for federal funding, to support the unrecovered costs of research activity, and to subsidize in many instances the time faculty spend on research rather than other revenue-generating activity such as teaching.

Previous editions of *TARU* have explored these topics as well as others, including the commitment of major research universities to high-cost and high-profile sports programs. These explorations have helped frame an understanding of the dynamics of institutional competition, and have contributed to an appreciation of the complexity of university research performance within a comparative context. If nothing else, the five previous editions of *TARU* have both confirmed the utility of the indicators provided and

“Top American Research Universities categorizes universities by how effectively they compete in all categories.”

highlighted the caution that must accompany broad comparative generalizations about institutional quality and competitiveness.

TARU includes a table (beginning with the 2003 edition) that displays the percent of federal research expenditures attributable to different disciplinary fields. These percentages offer an intriguing view into the wide differences in the distribution of research funding by discipline. These differences do not necessarily reflect a strategy related to research competition but rather may reflect institutional traditions, student profiles, state mission definitions, institutional scale, presence or absence of particular schools or colleges, and similar institutional characteristics that affect research competitiveness. Because research universities serve many constituencies, only one of which is concerned with research competitiveness, they rarely focus exclusively on research competition. The *TARU* and other studies that categorize institutions relative to their research performance speak only to that portion of the institution's mission associated with research.

The Magic of Medicine and Engineering

Among these compositional issues, it is common for university people to believe that the presence or absence of a medical school or an engineering college profoundly affects research competitiveness. This notion presumes that universities with medical schools have a significant competitive advantage because medical schools have a reputation for producing significant research funding. In an earlier *TARU* (2001) we looked at the question of whether having or not having a medical school distinguishes universities in terms of their research competitiveness. In that review, it became clear that the simple presence or absence of a medical school does not guarantee research success at high levels.

In this year's *TARU*, we look at the possibility of disaggregating the medical school component as well as the engineering component from the federal research expenditures reported in our data for those universities with more than \$20 million in federal research expenditures. The data for this exercise proved somewhat difficult to acquire, given the various ways in which universities report information to different agencies for different purposes. As is frequently the case for university data, reports provided to one agency or for one purpose do not necessarily match information collected for another agency or purpose,

even if the information appears to address the same universe. We have discussed elsewhere the extreme difficulty in identifying a number for faculty, even though common sense tells us it should be easy.

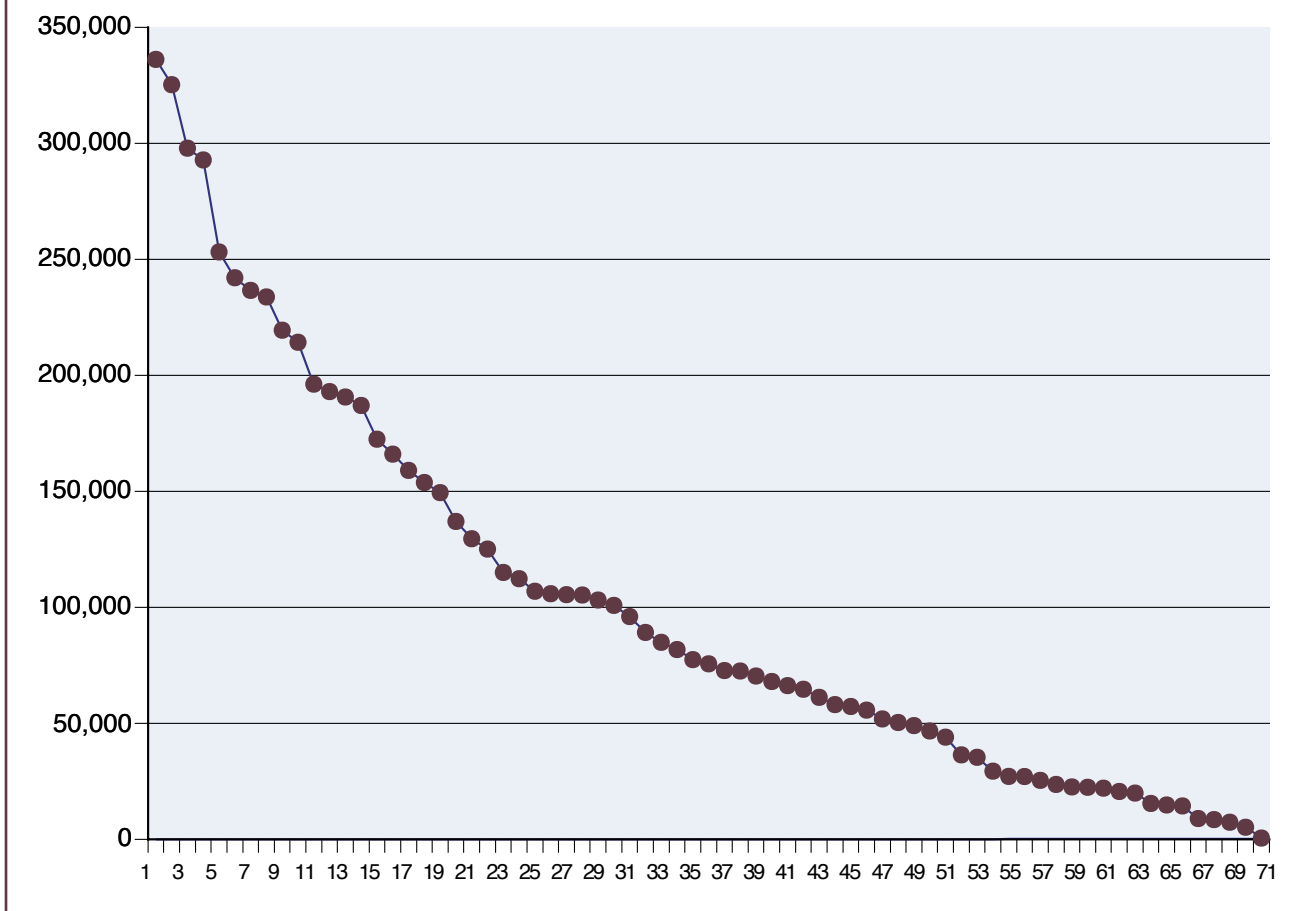
The Medicine and Engineering Data

In the current analysis, we have three sets of data of interest. The primary set comes from the National Science Foundation (NSF) and captures all federal research expenditures. The second set comes from the Association of American Medical Colleges (AAMC) and identifies medical school research expenditures defined in the same fashion as the NSF data.[†] The third set comes from the American Society for Engineering Education[‡] (ASEE) for engineering colleges, again using the same definitions as the NSF data, to capture engineering research expenditures. If we add up the engineering expenditures from ASEE and the medicine expenditures from AAMC for each institution, in some cases we have more expenditures than the institution reported to the NSF for all research fields. This usually means that the institution used slightly different definitions of what should be included in the various data reporting, which leads to some overlap. These inconsistencies in the data recommend caution in making too-fine distinctions among institutions because relatively small differences may well be data reporting artifacts and not reflections of actual differences in performance. For the broader issues related to understanding the general impact of

[†] The tables in the current study reflect the accreditation status of schools for the years reported. Florida State University (FSU) received initial accreditation for its medical school in 2005. However, the AAMC data provided to The Center showed FSU with \$511,000 in 2003 which amounted to 0.6% of their NSF total. Florida State University's AAMC reported federal research expenditures were subtracted when we removed medical from the institutions with accredited medical schools. This had no effect on their ranking when removing medicine only. When removing both medicine and engineering, FSU ranked 35th but would have ranked 34th had the \$511,000 not been removed. Rutgers which ranked 34th would then have ranked 35th.

[‡] Not all institutions with federal engineering research expenditures reported data to American Society for Engineering Education (ASEE). For example, the California Institute of Technology does not report data to ASEE although it is a member institution. However, Cal Tech reported to NSF that 16.9 percent of their \$219 million in federal research was in engineering. To take this into account, when an institution did not report to ASEE, their engineering dollars reported to NSF were used instead. For simplicity, the text and tables refer to institutions with and without ASEE Engineering Schools.

Figure 1. Federal Expenditures from AAMC Medical Schools (2003)



medical or engineering programs on campus research competitiveness, these data serve rather well.

This discussion takes a substantial subset of the institutions included in the *TARU* universe. As most readers of these reports know, *TARU* captures those single-campus institutions with federal research expenditures as reported by the NSF of at least \$20 million per year. For this analysis using the 2003 data, 187 institutions meet this criterion and capture about 94% of all federal research expenditures reported to the NSF. Within this group, for this discussion, we excluded single-campus institutions composed of a medical center without substantial non-medical programs or degrees. For example, the subset does not include the University of California San Francisco or the University of Texas MD Anderson Cancer Center but does include the University of California Los Angeles.

The remaining 149 single-campus institutions include 71 with medical schools, 132 with engineering schools, and only 6 (Boston College, Brandeis, Uni-

versity of Montana–Missoula, New York University, Indiana University Bloomington, and the University at Albany) are without either engineering or medicine. In 2003 this subset of institutions represented about 81.5% of all federal academic research and development expenditures.

A close look at the data demonstrates that while most of the top research performers do indeed have medical schools, many of the institutions with much more modest research performance also have medical schools. Consequently, the data appear to indicate that while a research-oriented medical school may well be an advantage, many medical schools appear to contribute relatively little to the total research productivity of the institution. As Figure 1 demonstrates, the amount of research contributed by the 71 AAMC medical schools to their campuses included in this study varies widely from \$336 million for The Johns Hopkins University to \$0.511 million for Florida State University.

Even though this answers the question of whether the acquisition of a medical school signals a clear path to highly competitive research performance (it does not), we also need to look at the comparable data for engineering schools. As noted, most research universities – 132 out of 149 in these data – have an engineering school. The range of contribution to the federally funded research total has a high point at Johns Hopkins with \$179 million to a low at the University of Oregon with \$0.025 million. Although engineering schools do not provide the same amount of research funding as medical schools, they nonetheless provide a significant contribution. The more useful observation, however, is to note that almost 90% of all these institutions have an engineering school and, as a result, engineering is not as likely to be as much of a differentiator among institutions as are medical schools that exist on just under half of the campuses (47.7%).

Impact on Rankings

To understand the impact of medicine and engineering schools on ranking, we constructed a list of the 149 institutions and included columns for federal expenditures reported by the NSF, research expenditures attributable to their medical schools (if they have one as part of the campus), and research expenditures attributable to their engineering schools (again, if they have one as part of the campus).

We then produced four different rankings – one based on the NSF total, one based on the NSF total less the medical school amount, one based on the NSF total less the engineering amount, and one based on the NSF total less both engineering and medicine amounts. In this exercise we looked at how much of the rank based on NSF research expenditures, an indicator widely reported, is attributable to the contribution of medical and engineering schools. We then considered the change in rank that would result from ordering institutions by their NSF research expenditures without the medicine or engineering contribution.

It's no surprise to close observers of these data that the relative position of institutions after subtracting the medical school portion changes substantially. However, changes in rank vary significantly. While some highly performing institutions with medical schools do indeed drop in rank, not all drop by the same amount. Similarly in the reordering, not all institutions without medical schools improve dramatically in rank when compared to their counterparts minus the medical school contributions.

A simple demonstration of this effect appears in the following tables. The first table shows the institutions ranked in the top 20 in terms of their total research expenditures. This list is familiar to all observers of American research university competition and contains no surprises (see Table 1, page 12).

If, however, we take out the amount of research reported by the medical schools to the AAMC from the NSF total for those institutions with medical schools, eight institutions no longer occupy places among the top 20 by research expenditures. Note in Table 2 (page 12) that change in rank varies substantially with some institutions, falling by as much as 50 or more places in the case of Yale, Duke, and Washington University–St. Louis while others fall by much smaller amounts such as the University of Southern California at only 7 places.

Another group of 12 institutions remain in the top 20 regardless of whether the AAMC data contribute to the research expenditures or not (see Table 3, page 13). The appendix includes tables with the AAMC research totals for all the institutions with medical schools. Note that among the institutions that stay in the top 20, even with medical schools removed from the NSF totals, nine of them have medical schools, but their research volume from other parts of the campus remain high enough to sustain a top 20 competitive position. MIT, Penn State, and Illinois–Urbana-Champaign, institutions that do not have medical schools on the main campus or at all (in the case of MIT), nonetheless had enough research from other departments and disciplines on campus to sustain top 20 rankings within a context that includes as well as excludes medical school research productivity. This result appears to indicate substantial institutional commitment to support nationally competitive research activity across a broad range of disciplines in addition to medically related research.

A final group of eight universities rise into the top 20 ranked without AAMC data included in the NSF research expenditures. Again, for some of these

“Many medical schools appear to contribute relatively little to the total research productivity of the institution.”

Table 1: Federal Research Expenditures Reported by the NSF (2003)

Institutions Ranked by Federal Research Expenditures, (2003)	(000)	Ranking
Johns Hopkins University	1,106,971	1
University of Washington - Seattle	565,602	2
University of Michigan - Ann Arbor	516,818	3
Stanford University	483,540	4
University of California - Los Angeles	421,174	5
University of Pennsylvania	415,631	6
University of California - San Diego	400,100	7
University of Wisconsin - Madison	396,231	8
Columbia University	385,529	9
Washington University in St. Louis	357,364	10
Massachusetts Institute of Technology	356,206	11
Harvard University	348,620	12
University of Pittsburgh - Pittsburgh	345,625	13
Duke University	306,864	14
University of Southern California	300,195	15
Yale University	296,713	16
University of Minnesota - Twin Cities	293,266	17
University of North Carolina - Chapel Hill	280,678	18
Pennsylvania State University - University Park	270,985	19
University of Illinois - Urbana-Champaign	266,487	20

Table 2: Institutions Out of the Top 20 with AAMC Medical Expenditures Removed (2003)

Institutions OUT OF TOP 20 without Medical School	NSF Total (\$000)	NSF Rank	Change in Rank NSF less AAMC Exp.
University of California - Los Angeles	421,174	5	23
University of Pennsylvania	415,631	6	48
Washington University in St. Louis	357,364	10	65
University of Pittsburgh - Pittsburgh	345,625	13	30
Duke University	306,864	14	58
University of Southern California	300,195	15	22
Yale University	296,713	16	73
University of North Carolina - Chapel Hill	280,678	18	34

institutions the change in rank is significant, moving up at least 20 places in the case of the University of Colorado–Boulder and the University of Maryland–College Park (see Table 4, page 13). This may well indicate that on these campuses the medical school has less research volume relative to the other disciplines and programs that compete for funding from federal sources.

Before turning to a variety of ways to review these results, we should add the engineering component to this discussion. If we take the same group of 149 institutions and subtract out the engineering research as reported to the ASEE, we get a somewhat different effect. Note in Table 5 (see page 15) that of the top

20 institutions using total NSF expenditures, four rise into the top 20 and four fall out of the top 20 without the ASEE engineering data included.

Some Observations on Institutional Profiles

The focus on campuses excluding medicine reflects an academic commitment to the notion of the well-rounded university – the campus that cultivates the liberal arts and sciences as the core activity of a mainstream university. While not denying in any way the benefits from high degrees of specialization that

Table 3: Institutions Stay in Top 20 with AAMC Medical Expenditures Removed (2003)

Institutions STAY IN TOP 20 without Med School	NSF Total (\$000)	NSF Rank	Change in Rank NSF less AAMC Exp.
Johns Hopkins University	1,106,971	1	1
University of Washington - Seattle	565,602	2	6
University of Michigan - Ann Arbor	516,818	3	3
Stanford University	483,540	4	8
University of California - San Diego	400,100	7	12
University of Wisconsin - Madison	396,231	8	4
Columbia University	385,529	9	19
Massachusetts Institute of Technology *	356,206	11	2
Harvard University	348,620	12	15
University of Minnesota - Twin Cities	293,266	17	18
Pennsylvania State University - University Park *	270,985	19	5
University of Illinois - Urbana-Champaign *	266,487	20	7

* Campuses without an AAMC medical school.

Table 4: Institutions Entering the Top 20 with AAMC Medical Expenditures Removed (2003)

Institutions ENTERING THE TOP 20 without Med School	NSF Total (\$000)	NSF Rank	Change in Rank NSF less AAMC Exp.
University of Arizona	259,074	21	16
University of California - Berkeley *	238,206	23	9
University of Texas - Austin *	231,996	24	0
California Institute of Technology *	219,097	27	11
Cornell University	212,991	28	13
Georgia Institute of Technology *	203,582	33	14
University of Colorado - Boulder *	192,750	39	17
University of Maryland - College Park *	183,206	41	20

* Campuses without an AAMC medical school.

occur in many medical centers, an institution with substantial amounts of its work focused on medical center activities may have less of an engagement with undergraduate education, less involvement in Master's and Ph.D. education, and less engagement with other fields such as business or education. Of course, different institutions and their constituencies can value these concentrations differently depending on history and mission. But for those who seek an understanding of the core, non-medical-center activities of today's research universities, this conversation holds considerable interest.

Many possible explanations fit these data. The simplest is that research-oriented medical schools,

with their strong commitment to basic and clinical research, generally must have effective systems for generating surplus revenue from patient charges, reimbursements, endowments, hospital subsidies, and other sources to support the highly competitive research enterprises required to successfully compete for federal research dollars. Compounding these advantages, the federal research establishment has seen large increases in the pool of funds available for a wide range of life sciences and clinically related research, further enhancing the opportunities for medical school research enterprises. Indeed, within the group of 149 campuses included here, the AAMC medical expenditures come to just under 36% of the NSF-reported federal research expenditures. Clearly, the distribution of fed-

eral dollars related to medical research substantially affects the overall research ranking of these institutions. In our previous work, we found a strong relationship between an indicator of the discretionary revenue an institution can generate (over and above what it costs to provide baseline instruction to undergraduates) and research success. When a medical enterprise has a substantial research focus, most likely the mechanisms for generating surplus revenue from various medical and hospital activities provide the essential subsidies required for successful research competition. Institutions with no medical enterprise on campus or those whose medical school does not generate substantial surpluses for investment in research show less success in their overall total NSF research funding.

“When medicine and engineering disappear from the totals of the highly competitive institutions, previously less-competitive institutions improve their score.”

Medical schools, by virtue of their revenue model, have the opportunity to structure their business affairs to subsidize the basic sciences that compete for NIH and other life sciences funding and, in addition, subsidize clinical research conducted by the clinical faculty. Where medical schools have strong relationships with prosperous teaching hospitals, those hospitals often subsidize research costs

because the hospital’s competitiveness as a tertiary care medical facility depends in considerable measure on its affiliated medical school’s reputation for research achievement.

This scenario, though familiar to those who work closely with complex university medical establishments, leaves considerable room for additional explanation. In some institutions with strong research medical schools, life sciences research, by design, may become concentrated in the medical school, and life sciences research in traditional arts and sciences departments may receive significantly less institutional support. An institution with this model, we could hypothesize, might well show a dramatic change in its research ranking with the medical school removed. Another institution, which encourages and supports life sciences research both in the medical school and

in the traditional arts and sciences departments or perhaps in the life sciences related units of a significant land grant college, may see its rank fall some with the medical school removed but perhaps not by as much.

Similarly, if an institution does not have a medical school, it will by necessity concentrate its support of life sciences research in the arts and sciences departments, in land grant units, and in many cases in life sciences related engineering programs. Such institutions would rank lower in competition with campuses that include research-oriented medical schools because they would not enjoy the strong subsidies available to medical colleges. But with the medical school component removed from their competitors’ totals, these institutions would rise in the rankings.

While these hypotheses surely have explanatory merit, experience with these data tells us that large-scale generalizations may well prove fragile. Institutions have widely varying financial and organizational models, different missions, varied ownership characteristics between public and private boards, complex arrangements between campuses and their affiliated medical enterprises, and different opportunities for subsidies from state public funds or corporate collaborations. These characteristics influence the success of an institution in achieving large market shares of federal research dollars.

Even so, it is probably reasonable to observe that institutions with a broad and comprehensive focus on research competitiveness, a clear sense of pursuing those parts of the research marketplace with the fastest growth rates, and a financial model that supports investment in research projects, facilities, support systems, and the like, will succeed with or without a medical school.

In addition, it is also reasonably clear that medical schools as an academic specialization do not necessarily provide the financial and institutional support required for successful research competition. When they do, they can be a major research asset. But not all of them provide significant contributions to the research productivity of individual campuses.

Another way of illustrating the variety of changes in rank among research campuses that occur with medicine and engineering research contributions removed appears in Figure 2 (see page 17). The trend line displays the rank order by total NSF research expenditures of all 149 research campuses included in this discussion. For each university campus the graph plots two additional points on a drop line to the full

Table 5: Institutions In and Out of the Top 20 with ASEE Engineering Expenditures Removed (2003)

Institution	NSF Total (\$000)	NSF Rank	Change in Rank NSF less ASEE Exp.	In / Out Top 20
Johns Hopkins University	1,106,971	1	1	
University of Washington - Seattle	565,602	2	2	
University of Michigan - Ann Arbor	516,818	3	3	
Stanford University	483,540	4	4	
University of California - Los Angeles	421,174	5	6	
University of Pennsylvania	415,631	6	5	
University of California - San Diego	400,100	7	9	
University of Wisconsin - Madison	396,231	8	10	
Columbia University	385,529	9	7	
Washington University in St. Louis	357,364	10	8	
Massachusetts Institute of Technology	356,206	11	24	Out
Harvard University	348,620	12	11	
University of Pittsburgh - Pittsburgh	345,625	13	12	
Duke University	306,864	14	15	
University of Southern California	300,195	15	23	Out
Yale University	296,713	16	13	
University of Minnesota - Twin Cities	293,266	17	16	
University of North Carolina - Chapel Hill *	280,678	18	14	
Pennsylvania State University - University Park	270,985	19	22	Out
University of Illinois - Urbana-Champaign	266,487	20	60	Out
University of Arizona	259,074	21	17	In
University of Alabama - Birmingham	245,217	22	18	In
Emory University *	228,255	25	19	In
Vanderbilt University	221,979	26	20	In

* Campuses without ASEE engineering school.

NSF rank: the rank with medicine removed and the rank with engineering removed. Simple inspection of this display suggests some observations that are familiar to those who have followed our conversation on the subject of university rankings over the years.

As Figure 2 illustrates, at the high end of the total NSF research rankings, removing the medicine and engineering contributions to research expenditures drops the ranking considerably, reflecting the importance of medicine, in particular, in driving the research performance of these top institutions. Institutions in the lower half of the distribution by total NSF expenditures tend to improve their position with medicine and engineering removed. This reflects the relatively smaller part of these institutions' total NSF dollars contributed by medicine and engineering. When medicine and engineering disappear from the totals of the highly competitive institutions, previously less-competitive institutions improve their score.

While the rankings analysis helps us understand the components that influence rankings, and urge

caution in placing too much confidence in the meaning of relatively small changes in relative rank, the percentage of an institution's total research that comes from the medical school as reported in AAMC data offers another perspective on the dramatic variation in the importance of a medical school to individual campuses.

Of the 149 campuses in our data set, 71 have medical schools, and the medical school contribution to the campus total research expenditure of those 71 institutions ranges from a high of 100% to a low under 1%. Figure 3 (see page 18) illustrates the relationship between medicine's percentage of an institution's total federal research expenditures and the change in rank that occurs when we remove those medicine expenditures from the total. Not surprisingly, when medical research is a large percentage of a campus' research enterprise, it loses position relative to those universities without medical schools or whose medical schools do not produce much federal research.

In the case of engineering, as Figure 4 (see page 18) illustrates, the pattern is similar to the one for medicine but not as pronounced. Almost all of the institutions included here have an engineering school, and engineering expenditures represent only just over 17% of all federal research expenditures on average. The majority of institutions appear to cluster at the lower end of this distribution.

Deconstructing the Research University and the Search for Number One

This demonstration highlights a number of characteristics of university research competition. The most obvious is that highly competitive research-oriented medical schools contribute substantially to the success of many American research campuses. At the same time, simple formulations about the impact of medical institutions on academic research campuses likely will not help. Instead, we need a careful examination of the characteristics of the individual campuses before knowing how a medical enterprise – or the absence of a medical enterprise – affects the institution's competitiveness in gaining a significant market share of federal research. Some institutions – notably MIT – have been exceptionally effective at pursuing federal funding. Others, whose medical schools do not pursue research effectively, may experience no significant research benefit.

We also need to recognize that specific conclusions about the performance of research universities within the context of medical research create a struggle with a variety of data artifacts and anomalies in the reporting of information to the NSF and AAMC. Equally significant, some universities share the faculty engagement with the research enterprise with hospitals and other research institutions, and the success of these faculty appears in the totals reported for the non-university medical institution. Other campuses may operate the clinical research establishment of an affiliated hospital through the university's research system, adding the hospital-based research to the academic campus totals.

All of these circumstances challenge those who would make clear and unambiguous statements about the nature, effectiveness, quality, and quantity of the research performance of similar campuses. When the differences among campuses appear large, we may be on firmer ground in drawing some conclusions. But when the differences appear relatively small, and change from year to year, we should exercise great caution in presuming to know the difference between number 10 and number 15 in some ranking.

Although we have worked with the classification of research universities for some time, our recognition of the challenges remains as strong as ever. We know that, used carefully and effectively, the six years of data and discussion of *TARU* can help campuses better understand their competitive contexts and improve their performance. At the same time, we remain convinced that the search for the “Single Best American Research University” is mostly a waste of time and effort.

**Figure 2. Change in Ranking by Original NSF Ranking,
with AAMC data removed and with ASEE data removed (2003)**

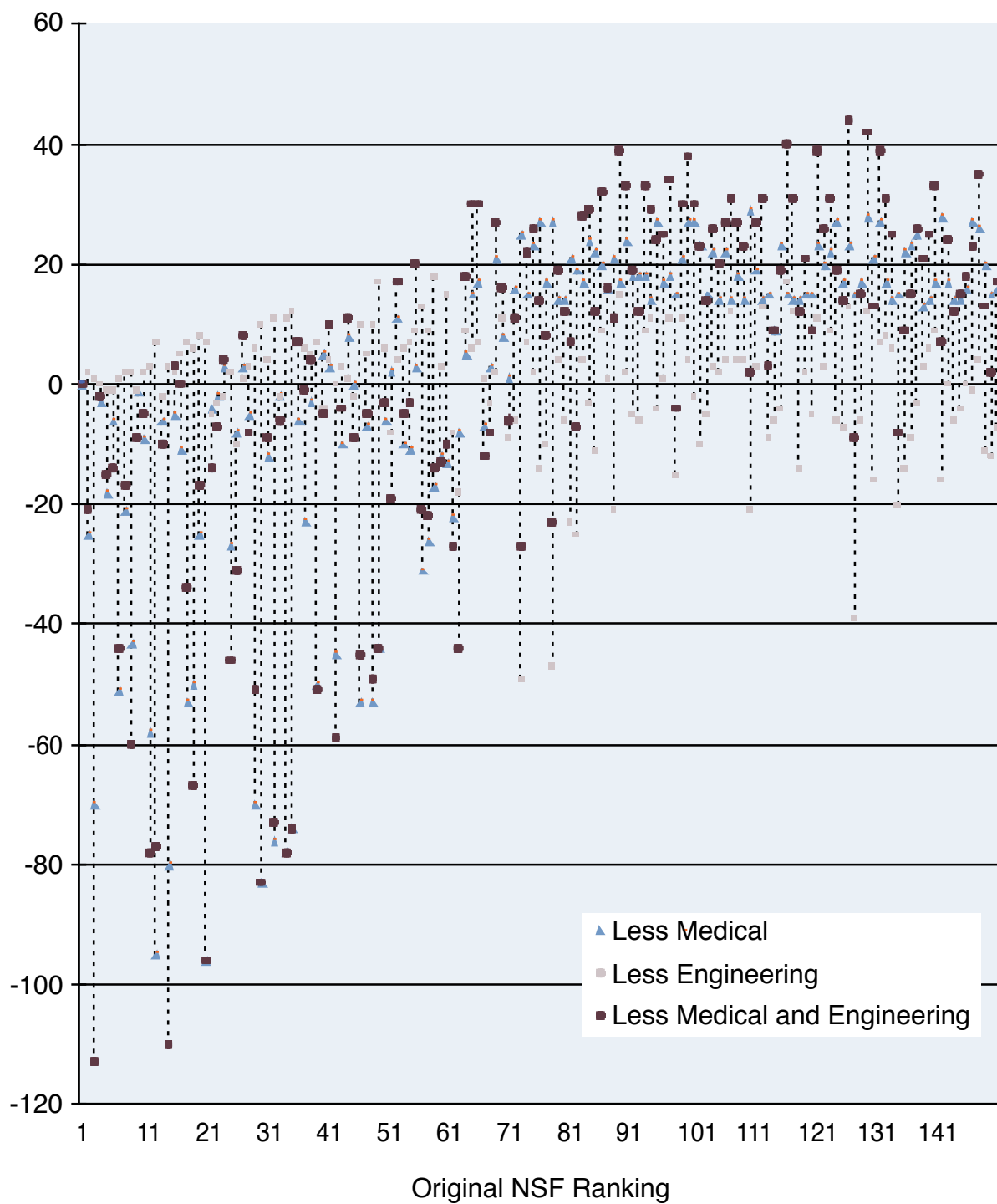


Figure 3. Change in Ranking with Medicine Removed by AAMC Medicine as a percentage of NSF Research Expenditures (2003)

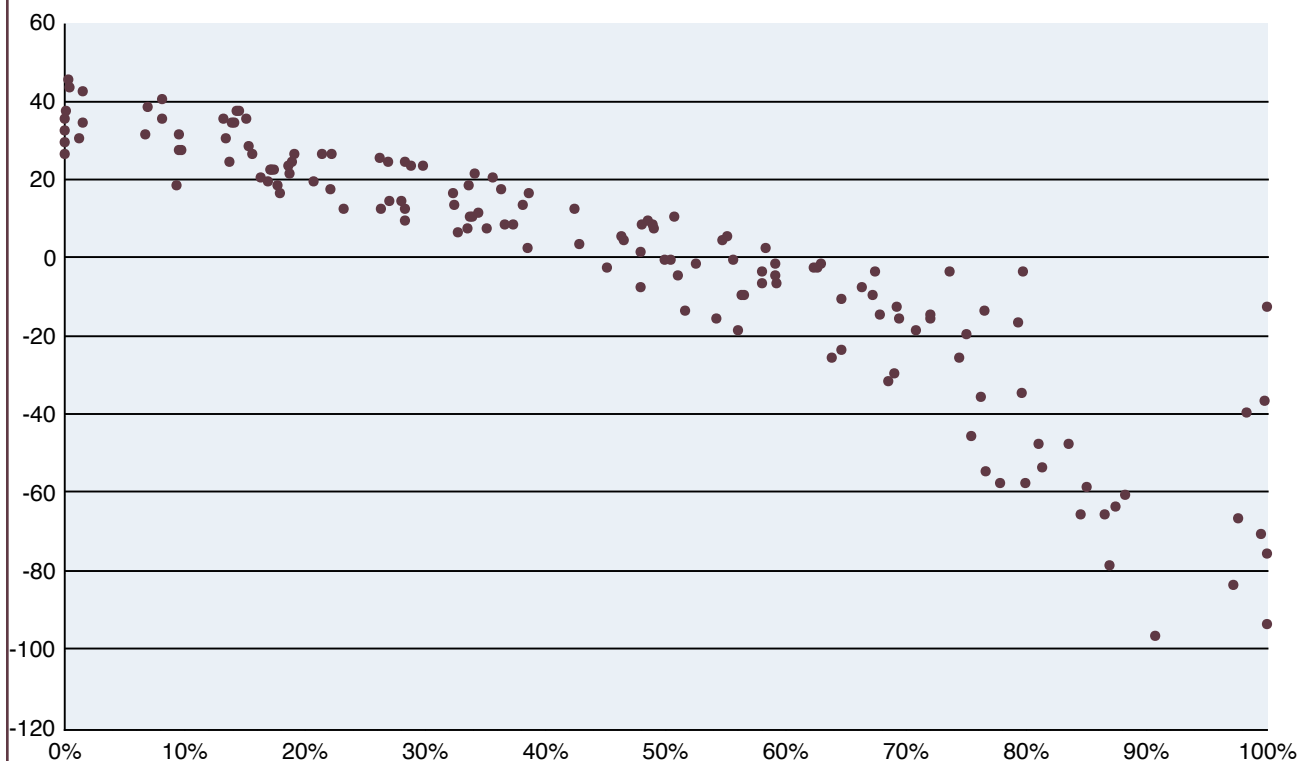
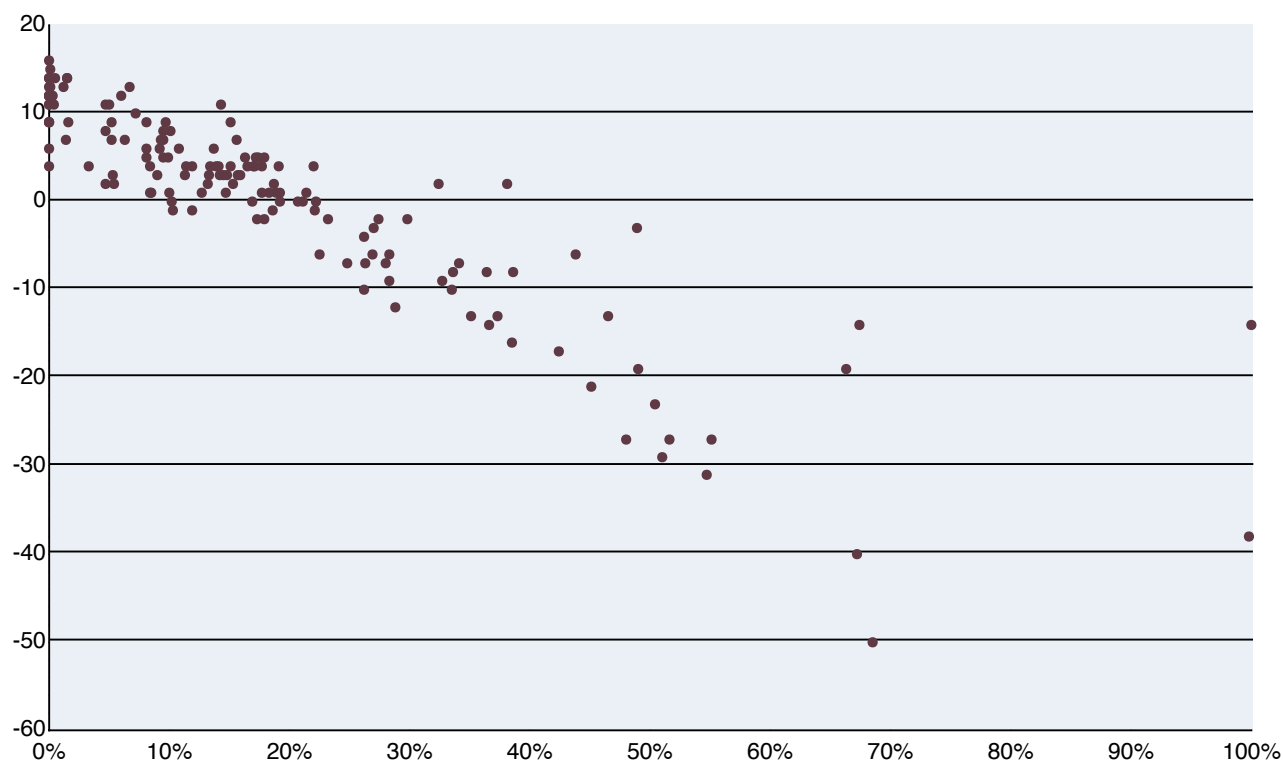


Figure 4. Change in Ranking with Engineering Removed by ASEE Engineering as a percentage of NSF Research Expenditures (2003)



Appendix

Appendix

149 Institutions Federal Research Expenditures with Medical and Engineering Expenditures Included and Excluded (2003)	Federal Research Dollars	National Rank	Rank Less AAMC
Johns Hopkins University	1,106,971	1	1
Massachusetts Institute of Technology	356,206	11	2
University of Michigan - Ann Arbor	516,818	3	3
University of Wisconsin - Madison	396,231	8	4
Pennsylvania State University - University Park	270,985	19	5
University of Washington - Seattle	565,602	2	6
University of Illinois - Urbana-Champaign	266,487	20	7
Stanford University	483,540	4	8
University of California - Berkeley	238,206	23	9
University of Texas - Austin	231,996	24	10
California Institute of Technology	219,097	27	11
University of California - San Diego	400,100	7	12
Cornell University	212,991	28	13
Georgia Institute of Technology	203,582	33	14
Harvard University	348,620	12	15
University of Arizona	259,074	21	16
University of Colorado - Boulder	192,750	39	17
University of Minnesota - Twin Cities	293,266	17	18
Columbia University	385,529	9	19
University of Maryland - College Park	183,206	41	20
Texas A&M University	177,119	42	21
University of Southern California	300,195	15	22
University of California - Los Angeles	421,174	5	23
New York University	166,033	45	24
University of California - Davis	208,327	29	25
Carnegie Mellon University	157,583	46	26
Ohio State University - Columbus	198,488	36	27
Purdue University - West Lafayette	129,199	53	28
University of Florida	194,958	38	29
University of Pittsburgh - Pittsburgh	345,625	13	30
Michigan State University	133,820	50	31
University of Hawaii - Manoa	143,580	48	32
Colorado State University	117,151	57	33
University of North Carolina - Chapel Hill	280,678	18	34
Princeton University	104,011	63	35
University of Rochester	208,148	30	36
Oregon State University	100,499	65	37
University of Tennessee - Knoxville	100,486	66	38
Virginia Polytechnic Institute and State University	98,143	67	39
Boston University	203,947	32	40
North Carolina State University	96,157	68	41
University of Cincinnati - Cincinnati	185,261	40	42
Utah State University	95,494	69	43
Northwestern University	200,316	35	44
Rutgers the SUNJ - New Brunswick	94,393	70	45
University of Georgia	93,884	71	46
University of Illinois - Chicago	168,063	44	47
University of Pennsylvania	415,631	6	48
University of California - Santa Barbara	88,422	73	49
Florida State University	87,985	74	50

Rank Less ASEE	Rank Less AAMC and ASEE	Has AAMC Medical School	Has ASEE Engineering School	AAMC Federal Research	ASEE Federal Research
1	1	Yes	Yes	336,144	38,458
24	6	No	Yes	-	165,677
3	5	Yes	Yes	214,214	109,136
10	2	Yes	Yes	115,001	68,615
22	4	No	Yes	-	73,169
2	3	Yes	Yes	297,872	57,692
60	29	No	Yes	-	179,033
4	16	Yes	Yes	242,025	92,659
30	8	No	Yes	-	66,762
31	11	No	Yes	-	61,079
27	7	No	Yes	-	37,024
9	17	Yes	Yes	186,975	71,565
42	19	Yes	Yes	-	77,859
52	25	No	Yes	-	99,660
11	13	Yes	Yes	153,774	29,224
17	10	Yes	Yes	66,221	21,642
38	14	No	Yes	-	36,482
16	15	Yes	Yes	103,105	37,276
7	9	Yes	Yes	196,165	18,098
49	24	No	Yes	-	70,671
69	36	No	Yes	-	97,574
23	49	Yes	Yes	129,529	109,405
6	20	Yes	Yes	253,136	50,211
33	12	No	No	-	-
26	18	Yes	Yes	46,669	23,534
77	41	No	Yes	-	86,134
35	26	Yes	Yes	61,166	35,051
80	44	No	Yes	-	61,951
40	40	Yes	Yes	68,002	53,430
12	27	Yes	Yes	219,422	29,437
47	23	Yes	Yes	8,931	11,982
41	21	Yes	Yes	19,902	7,483
63	32	No	Yes	-	31,482
14	22	Yes	No	165,996	-
75	39	No	Yes	-	29,999
37	65	Yes	Yes	106,895	51,660
61	30	No	Yes	-	13,939
62	31	No	Yes	-	14,166
84	54	No	Yes	-	41,584
29	46	Yes	Yes	105,836	32,496
78	42	No	Yes	-	25,151
32	37	Yes	Yes	89,140	18,795
119	100	No	Yes	-	65,374
34	53	Yes	Yes	105,278	36,610
68	34	No	Yes	-	12,440
57	28	No	Yes	-	1,428
36	33	Yes	Yes	77,425	7,841
5	66	Yes	Yes	325,256	41,426
102	77	No	Yes	-	45,052
67	35	No	Yes	511	5,562

Appendix

149 Institutions Federal Research Expenditures with Medical and Engineering Expenditures Included and Excluded (2003) (continued)	Federal Research Dollars	National Rank	Rank Less AAMC
Iowa State University	82,297	78	51
Mississippi State University	79,837	82	52
University of Utah	152,112	47	53
University at Buffalo	129,794	52	54
University of South Florida	106,102	61	55
University at Albany	76,038	84	56
New Mexico State University - Las Cruces	75,368	85	57
Duke University	306,864	14	58
University of Alaska - Fairbanks	72,607	86	59
University of Iowa	197,260	37	60
Arizona State University - Tempe	71,741	87	61
University of Delaware	69,493	89	62
University of Missouri - Columbia	84,211	76	63
University of Kentucky	120,003	56	64
Washington University in St. Louis	357,364	10	65
Washington State University - Pullman	63,800	91	66
Clemson University	62,552	93	67
University of New Mexico - Albuquerque	106,541	60	68
Indiana University - Bloomington	61,450	94	69
University of California - Irvine	133,873	49	70
University of Virginia	173,442	43	71
University of Massachusetts - Amherst	60,839	95	72
Yale University	296,713	16	73
University of Nebraska - Lincoln	60,005	97	74
Tulane University	82,118	79	75
University of New Hampshire - Durham	59,463	98	76
University of South Carolina - Columbia	63,044	92	77
Stony Brook University	112,452	58	78
University of Miami	130,863	51	79
University of Alabama - Birmingham	245,217	22	80
University of Connecticut - Storrs	53,593	99	81
Kansas State University	53,313	100	82
Montana State University - Bozeman	53,283	101	83
University of Kansas - Lawrence	53,072	102	84
University of Rhode Island	51,942	103	85
University of Chicago	201,129	34	86
Vanderbilt University	221,979	26	87
Louisiana State University - Baton Rouge	48,656	107	88
University of Central Florida	47,749	109	89
University of Dayton	47,327	110	90
Case Western Reserve University	205,452	31	91
West Virginia University	60,586	96	92
Auburn University	45,374	111	93
George Washington University	68,959	90	94
Brown University	81,445	80	95
Rice University	43,706	112	96
Tufts University	78,942	83	97
University of Idaho	42,861	113	98
Dartmouth College	106,034	62	99
University of Notre Dame	41,220	114	100

Rank Less ASEE	Rank Less AAMC and ASEE	Has AAMC Medical School	Has ASEE Engineering School	AAMC Federal Research	ASEE Federal Research
85	56	No	Yes	-	28,047
105	82	No	Yes	-	40,199
43	48	Yes	Yes	72,513	17,364
51	55	Yes	Yes	50,326	24,967
55	43	Yes	Yes	27,089	11,441
72	38	No	No	-	257
82	47	No	Yes	-	10,924
15	79	Yes	Yes	233,755	31,698
81	45	No	Yes	-	5,914
25	52	Yes	Yes	125,073	11,797
89	63	No	Yes	-	21,358
97	70	No	Yes	-	23,379
71	51	Yes	Yes	15,430	8,364
53	62	Yes	Yes	51,858	17,712
8	73	Yes	Yes	292,799	19,475
90	64	No	Yes	-	13,666
106	84	No	Yes	-	23,348
66	85	Yes	Yes	44,010	23,934
83	50	No	Yes	-	249
48	78	Yes	Yes	72,718	19,709
39	96	Yes	Yes	112,307	28,646
95	68	No	Yes	-	13,532
13	74	Yes	Yes	236,578	15,581
88	61	No	Yes	-	9,074
73	58	Yes	Yes	22,552	6,658
87	60	No	Yes	-	8,517
96	80	Yes	Yes	5,173	16,523
54	81	Yes	Yes	55,659	16,962
44	57	Yes	Yes	75,611	1,806
18	69	Yes	Yes	190,624	8,008
112	91	No	Yes	-	18,806
101	76	No	Yes	-	9,906
99	72	No	Yes	-	8,177
98	71	No	Yes	-	7,095
94	67	No	Yes	-	4,201
21	59	Yes	Yes	149,405	217
20	104	Yes	Yes	172,433	20,487
100	75	No	Yes	-	4,635
130	111	No	Yes	-	21,513
148	146	No	Yes	-	47,256
28	127	Yes	Yes	158,996	27,414
92	92	Yes	Yes	14,357	11,547
127	108	No	Yes	-	17,466
86	99	Yes	Yes	23,627	15,178
76	89	Yes	Yes	36,374	9,654
139	125	No	Yes	-	22,542
74	83	Yes	Yes	35,324	4,098
113	93	No	Yes	-	8,883
59	116	Yes	Yes	64,652	16,600
120	101	No	Yes	-	11,657

Appendix

149 Institutions Federal Research Expenditures with Medical and Engineering Expenditures Included and Excluded (2003) (continued)	Federal Research Dollars	National Rank	Rank Less AAMC
Florida International University	40,860	115	101
University of Mississippi - Oxford	40,577	116	102
University of California - Riverside	40,409	117	103
George Mason University	38,510	119	104
University of California - Santa Cruz	38,213	120	105
North Dakota State University	37,940	121	106
Oklahoma State University - Stillwater	37,748	122	107
University of Oklahoma - Norman	36,153	124	108
University of Oregon	36,127	126	109
University of Alabama - Huntsville	35,558	127	110
Emory University	228,255	25	111
Syracuse University	34,559	128	112
University of Maryland - Baltimore County	34,164	129	113
Brandeis University	33,722	130	114
University of Nevada - Reno	47,756	108	115
Wayne State University	102,963	64	116
University of Houston - University Park	32,556	131	117
University of Nevada - Las Vegas	32,511	132	118
Rensselaer Polytechnic Institute	32,295	133	119
University of Southern Mississippi	31,653	134	120
New Jersey Institute of Technology	30,535	135	121
University of Maine - Orono	28,901	136	122
Drexel University	49,271	106	123
San Diego State University	28,084	139	124
University of Montana - Missoula	27,220	140	125
University of Arkansas - Fayetteville	27,071	141	126
Northeastern University	26,895	142	127
University of Alabama - Tuscaloosa	26,241	143	128
Temple University	51,309	104	129
Jackson State University	25,607	144	130
University of Maryland - Baltimore	126,156	55	131
Virginia Commonwealth University	81,201	81	132
University of Wyoming	23,186	145	133
Texas Tech University	23,165	146	134
Boston College	22,907	147	135
University of North Dakota	28,336	137	136
Florida A&M University	18,273	149	137
Loma Linda University	22,675	148	138
Howard University	36,137	125	139
University of Louisville	39,924	118	140
University of Vermont	70,832	88	141
Saint Louis University - St. Louis	36,989	123	142
Loyola University Chicago	28,107	138	143
Wake Forest University	108,467	59	144
Georgetown University	83,745	77	145
Rush University	49,834	105	146
Thomas Jefferson University	85,348	75	147
Yeshiva University	128,894	54	148
Indiana University-Purdue University - Indianapolis	92,175	72	148

Rank Less ASEE	Rank Less AAMC and ASEE	Has AAMC Medical School	Has ASEE Engineering School	AAMC Federal Research	ASEE Federal Research
110	87	No	Yes	-	3,898
117	98	No	Yes	-	8,963
115	95	No	Yes	-	7,574
128	109	No	Yes	-	10,916
116	97	No	Yes	-	6,525
107	86	No	Yes	-	585
132	114	No	Yes	-	12,637
133	117	No	Yes	-	11,836
111	88	No	Yes	-	25
146	134	No	Yes	-	23,566
19	90	Yes	No	192,956	-
123	105	No	Yes	-	5,997
124	106	No	Yes	-	5,891
114	94	No	No	-	-
104	115	Yes	Yes	14,764	8,095
56	121	Yes	Yes	70,356	9,758
122	103	No	Yes	-	3,165
126	107	No	Yes	-	4,451
147	136	No	Yes	-	21,757
121	102	No	Yes	-	2,121
149	147	No	Yes	-	32,209
138	123	No	Yes	-	6,711
103	124	Yes	Yes	20,593	6,999
134	118	No	Yes	-	4,581
129	110	No	No	-	-
137	122	No	Yes	-	4,804
145	133	No	Yes	-	13,139
141	129	No	Yes	-	8,509
93	119	Yes	Yes	25,384	2,436
131	113	No	Yes	-	319
46	112	Yes	No	100,797	-
70	126	Yes	Yes	57,223	4,038
140	128	No	Yes	-	4,145
144	132	No	Yes	-	8,837
135	120	No	No	-	-
143	140	Yes	Yes	8,469	12,399
142	130	No	Yes	-	1,702
136	131	Yes	No	7,334	-
118	138	Yes	Yes	22,015	5,632
108	137	Yes	Yes	27,040	2,885
79	135	Yes	Yes	58,040	1,127
109	139	Yes	No	29,350	-
125	141	Yes	No	22,399	-
50	142	Yes	No	105,429	-
65	143	Yes	No	81,765	-
91	144	Yes	No	48,989	-
64	145	Yes	No	84,883	-
45	147	Yes	No	136,989	-
58	147	Yes	Yes	95,986	499

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 SAT/ACT range. (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 2003. This is the same dollar cutoff used in our last five 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 51 institutions (25 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 37 institutions (11 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 36 private institutions that rank in the top 25 among all private universities on at least one of the nine measures.

- **The Top Public Research Universities (1-25)** identifies the 48 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 19 private and 38 public institutions that rank 26 through 50 among their private or public counterparts on at least one of the nine measures.

Many research universities rank highly both nationally and among their public or private peers, and therefore appear in more than one table. For example, of the 36 private institutions in the Top Private Research Universities (1-25) table, 25 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	2003 Total Research x \$1000	Total Research National Rank	2003 Federal Research x \$1000	Federal Research National Rank	2004 Endowment Assets x \$1000	Endowment National Rank
Private	Massachusetts Institute of Technology	9	0	485,764	15	356,206	12	5,865,212	5
Private	Stanford University	9	0	603,227	8	483,540	4	9,922,000	4
Private	University of Pennsylvania	9	0	564,716	9	415,631	6	4,018,660	10
Private	Columbia University	8	1	437,669	22	385,529	9	4,493,085	7
Private	Harvard University	8	1	408,707	26	348,620	13	22,143,649	1
Private	Johns Hopkins University	8	1	1,244,132	1	1,106,971	1	2,055,542	22
Private	Duke University	8	0	520,191	10	306,864	15	3,313,859	14
Public	University of California - Berkeley	8	0	507,186	12	238,206	25	2,037,297	24
Public	University of Michigan - Ann Arbor	8	0	780,054	3	516,818	3	4,163,382	8
Private	Yale University	7	2	387,644	28	296,713	18	12,747,150	2
Public	University of Washington - Seattle	7	1	684,814	5	565,602	2	1,315,894	33
Private	Washington University in St. Louis	7	1	474,328	18	357,364	11	4,000,823	11
Public	University of California - Los Angeles	7	0	849,357	2	421,174	5	586,839	79
Private	University of Southern California	7	0	414,099	24	300,195	17	2,399,960	20
Public	University of Minnesota - Twin Cities	6	2	508,557	11	293,266	19	1,730,063	25
Public	University of Wisconsin - Madison	6	2	721,248	4	396,231	8	1,046,722	45
Public	University of California - San Francisco	6	0	671,443	6	371,697	10	310,519	142
Private	Cornell University	5	3	356,049	30	212,991	30	2,654,312	18
Public	University of North Carolina - Chapel Hill	5	3	390,542	27	280,678	20	1,317,211	32
Public	University of California - San Diego	5	2	646,508	7	400,100	7	184,187	213
Public	University of Illinois - Urbana-Champaign	5	2	493,581	14	266,487	22	730,135	66
Public	University of Texas - Austin	5	2	343,854	31	231,996	26	2,038,938	23
Private	Northwestern University	4	4	319,722	35	200,316	37	3,668,405	12
Private	California Institute of Technology	4	3	240,664	54	219,097	29	1,261,122	36
Private	Princeton University	4	3	179,951	77	104,011	74	9,928,200	3
Public	Ohio State University - Columbus	3	5	496,438	13	198,488	38	1,541,175	27
Public	University of Pittsburgh - Pittsburgh	3	5	409,684	25	345,625	14	1,364,882	31
Private	Emory University	3	4	323,224	32	228,255	27	4,535,587	6
Public	Pennsylvania State University - University Park	3	4	480,084	17	270,985	21	779,174	58
Private	University of Chicago	3	4	247,322	51	201,129	36	3,620,728	13
Public	Texas A&M University	3	3	456,235	20	177,119	46	4,023,641	9
Public	University of Florida	3	3	429,734	23	194,958	40	738,299	63
Public	University of Arizona	2	5	454,941	21	259,074	23	348,343	133
Public	University of Virginia	2	5	206,199	66	173,442	47	2,793,225	17
Private	Vanderbilt University	2	5	276,074	46	221,979	28	2,296,262	21
Private	New York University	2	4	241,593	53	166,033	49	1,449,500	28
Public	University of California - Davis	2	4	482,145	16	208,327	31	76,040	375
Public	University of Maryland - College Park	2	4	321,899	33	183,206	43	295,816	149
Public	Purdue University - West Lafayette	2	3	309,476	37	129,199	59	1,207,131	38
Private	Baylor College of Medicine	2	2	461,763	19	302,764	16	972,351	50
Private	Dartmouth College	2	2	155,795	85	106,034	72	2,454,293	19
Private	University of Notre Dame	2	1	59,803	149	41,220	134	3,095,703	16
Private	Rice University	2	0	52,367	155	43,706	131	3,302,455	15
Public	University of Texas SW Medical Center - Dallas	1	5	276,692	45	177,196	45	804,305	55
Public	University of Colorado - Boulder	1	4	214,013	62	192,750	41	249,897	176
Public	Michigan State University	1	3	321,410	34	133,820	56	749,365	62
Private	Brown University	1	2	125,090	101	81,445	96	1,647,295	26
Private	Rockefeller University	1	2	192,143	72	75,303	102	1,394,736	30
Public	University of Texas MD Anderson Cancer Center	1	2	315,169	36	122,869	62	357,890	128
Private	Carnegie Mellon University	1	1	186,351	76	157,583	51	768,990	60
Public	University of Alabama - Birmingham	1	1	284,497	44	245,217	24	285,274	153

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving National Rank	2004 — National Academy Members	National Academy National Rank	2004 — Faculty Awards	Faculty Awards National Rank	2004 — Doctorates Granted	Doctorates National Rank	2003 — Postdoctoral Appointees	Postdoc National Rank	2003 — SAT Range (V; Q) or ACT Range	SAT National Rank
294,671	6	238	3	36	11	467	19	940	7	680-760; 730-800	3
524,539	2	253	2	52	2	625	8	1236	4	660-770; 680-790	8
336,989	4	85	11	31	16	414	23	801	9	650-750; 680-760	15
292,977	7	91	9	32	14	495	17	353	38	650-760; 660-750	16
582,584	1	267	1	55	1	572	12	3852	1	700-790; 700-800	2
315,663	5	69	15	52	2	362	33	1313	2	630-720; 660-750	23
269,012	9	48	21	32	14	259	55	679	14	660-750; 670-770	14
182,323	21	209	4	45	5	775	1	720	11	570-700; 620-740	63
211,610	17	77	13	47	4	660	6	748	10	580-690; 620-720	72
268,120	10	101	5	39	7	340	36	1018	5	690-790; 690-790	4
198,013	19	78	12	34	13	503	16	865	8	520-640; 550-670	198
124,201	37	44	23	29	20	241	60	645	15	650-730; 670-750	19
263,691	12	66	16	37	9	666	5	1292	3	550-670; 590-720	100
354,481	3	40	24	10	70	573	11	535	22	610-700; 640-720	51
249,782	14	37	26	22	29	592	9	614	17	540-660; 560-680	146
262,826	13	71	14	43	6	628	7	482	27	26-30	105
217,647	15	92	8	31	16	95	143	521	25	NA	
270,155	8	64	17	36	11	412	24	349	40	610-700; 622-720	56
190,220	20	36	27	30	18	439	21	571	19	590-690; 600-700	81
112,237	41	101	5	38	8	327	41	949	6	550-660; 600-700	111
125,697	35	52	19	27	21	574	10	317	48	570-670; 620-720	81
264,935	11	53	18	30	18	702	3	215	67	540-660; 570-690	138
137,606	28	38	25	37	9	367	32	234	63	650-730; 660-750	20
108,446	44	99	7	24	24	166	87	528	24	700-780; 760-800	1
126,482	32	90	10	25	23	276	50	340	42	680-770; 690-790	5
206,078	18	18	49	21	33	561	13	381	33	530-630; 550-660	208
95,457	50	22	44	20	36	382	29	688	13	550-650; 570-660	151
134,322	30	17	51	16	43	164	88	532	23	640-720; 660-740	23
107,400	45	27	37	22	29	539	14	312	49	530-630; 560-670	189
161,603	25	51	20	23	26	331	40	335	43	NR	
106,732	46	20	45	11	62	515	15	264	59	520-640; 550-660	208
133,359	31	17	51	23	26	694	4	575	18	560-660; 580-680	125
101,824	47	29	32	23	26	398	27	403	30	490-610; 500-630	381
168,310	23	25	38	21	33	358	34	354	37	600-710; 630-720	53
122,551	38	17	51	24	24	189	78	504	26	610-710; 640-720	46
215,835	16	33	28	15	45	407	25	274	57	600-700; 610-710	68
82,344	56	33	28	22	29	375	31	637	16	510-630; 570-670	198
81,669	57	24	39	27	21	482	18	319	46	570-660; 600-700	100
163,727	24	14	57	14	47	446	20	288	53	500-610; 530-650	299
80,906	58	15	56	12	56	78	156	358	36	NA	
118,644	39	11	64	18	37	55	204	159	80	660-760; 670-770	10
173,686	22	2	117	13	52	149	100	157	82	620-720; 650-740	32
57,219	86	16	54	12	56	126	113	135	91	660-760; 670-770	10
134,434	29	29	32	17	41	47	220	547	20	NA	
34,716	129	28	36	18	37	286	47	703	12	530-630; 550-650	225
110,785	42	9	73	11	62	430	22	401	31	500-620; 520-650	299
94,654	51	16	54	14	47	147	102	95	109	640-750; 650-750	20
61,713	74	45	22	12	56	13	377	374	34	NA	
99,373	48	1	144	0	544	NR		541	21	NA	
57,889	82	23	42	11	62	195	74	200	69	600-710; 680-770	23
62,314	73	7	78	11	62	111	122	198	70	19-24	758

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	2003 — Total Research x \$1000	Total Research National Rank	2003 — Federal Research x \$1000	Federal Research National Rank	2004 — Endowment Assets x \$1000	Endowment National Rank
Public	Georgia Institute of Technology	7	364,190	29	203,582	35	1,117,634	42
Public	North Carolina State University	6	286,025	42	96,157	79	324,189	138
Private	Case Western Reserve University	5	250,674	49	205,452	33	1,441,819	29
Public	University of Iowa	5	292,035	40	197,260	39	737,704	64
Private	University of Rochester	4	285,768	43	208,148	32	1,261,562	35
Public	University at Buffalo	3	240,180	55	129,794	58	428,072	111
Public	University of California - Irvine	3	234,656	56	133,873	55	147,083	254
Public	University of Cincinnati - Cincinnati	3	255,083	48	185,261	42	987,785	49
Public	University of Illinois - Chicago	3	291,507	41	168,063	48	137,561	268
Public	University of Utah	3	223,739	58	152,112	53	394,461	121
Private	Boston University	2	224,841	57	203,947	34	694,051	69
Private	Georgetown University	2	100,181	121	83,745	92	680,611	71
Public	Indiana University - Bloomington	2	135,068	96	61,450	111	526,608	87
Public	Rutgers the State University of NJ - New Brunswick	2	244,373	52	94,393	81	413,898	115
Public	Stony Brook University	2	200,330	69	112,452	65	57,849	426
Public	University of Colorado Health Sciences Center	2	218,381	59	181,412	44	154,936	244
Public	University of Georgia	2	299,748	38	93,884	82	474,596	100
Public	University of Tennessee - Knoxville	2	217,389	60	100,486	77	506,225	92
Public	Virginia Polytechnic Institute and State University	2	247,807	50	98,143	78	370,811	126
Private	Yeshiva University	2	177,236	80	128,894	60	1,003,024	46
Public	Arizona State University - Tempe	1	145,591	94	71,741	104	247,892	177
Private	Boston College	1	32,158	190	22,907	182	1,150,148	40
Private	Brandeis University	1	50,841	157	33,722	154	467,727	103
Public	College of William and Mary	1	43,974	166	21,992	185	409,872	118
Private	Cornell University Weill Medical College	1	148,573	93	108,360	68	584,038	80
Private	Mount Sinai School of Medicine	1	214,514	61	152,719	52	NR	
Public	Oregon Health & Science University	1	197,178	71	164,221	50	287,014	151
Public	Temple University	1	71,327	137	51,309	123	166,128	232
Private	Tufts University	1	112,609	108	78,942	99	752,428	61
Public	University at Albany	1	120,655	104	76,038	100	16,387	701
Public	University of California - Santa Barbara	1	149,130	91	88,422	86	106,340	320
Public	University of California - Santa Cruz	1	78,448	135	38,213	142	80,068	368
Public	University of Delaware	1	100,706	120	69,493	106	995,889	47
Public	University of Kentucky	1	272,062	47	120,003	63	488,827	94
Public	University of Maryland - Baltimore	1	297,271	39	126,156	61	133,655	274
Public	University of Massachusetts Medical Sch - Worcester	1	148,823	92	109,082	66	37,291	545
Private	University of Miami	1	177,709	79	130,863	57	472,262	102

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving National Rank	2004 — National Academy Members	National Academy National Rank	2004 — Faculty Awards	Faculty Awards National Rank	2004 — Doctorates Granted	Doctorates National Rank	2003 — Postdoctoral Appointees	Postdoc National Rank	2003 — SAT Range (V; Q) or ACT Range	SAT National Rank
64,283	69	30	30	21	33	311	42	31	171	600-690; 650-740	46
138,487	27	18	49	14	47	338	37	363	35	530-630; 570-670	178
69,393	65	20	45	12	56	203	72	348	41	590-700; 630-730	57
86,582	54	20	45	13	52	300	43	334	44	530-640; 540-660	208
58,550	80	24	39	8	82	210	70	282	55	600-700; 630-710	59
23,331	166	5	90	18	37	299	44	319	46	500-600; 530-630	340
52,347	90	29	32	17	41	187	79	384	32	520-620; 570-680	189
51,384	92	6	83	8	82	212	69	262	60	460-600; 460-610	552
40,153	115	6	83	15	45	233	66	287	54	20-26	522
139,271	26	20	45	22	29	216	68	296	52	22-26	395
90,239	52	14	57	16	43	267	54	139	88	600-690; 620-690	73
108,545	43	6	83	13	52	71	171	57	133	640-730; 650-730	26
59,134	79	10	71	14	47	391	28	131	93	490-600; 500-620	417
63,245	72	30	30	11	62	382	29	160	79	540-640; 570-670	159
22,586	170	14	57	14	47	285	48	175	73	540-630; 570-670	170
37,319	123	11	64	6	98	60	195	323	45	NA	
61,549	75	10	71	12	56	404	26	251	61	550-650; 560-650	170
125,135	36	2	117	9	76	280	49	138	89	500-610; 500-620	381
67,037	66	12	62	3	159	290	46	86	118	540-630; 570-630	208
0	830	9	73	9	76	121	118	412	29	NA	
73,542	62	7	78	6	98	355	35	109	105	480-600; 490-620	446
64,344	67	2	117	4	135	122	117	27	179	590-680; 610-690	84
64,012	71	13	61	6	98	82	150	92	113	620-720; 630-720	43
34,977	128	0	196	6	98	56	199	28	175	630-730; 630-710	38
115,781	40	11	64	1	278	24	306	265	58	NA	
NR		12	62	3	159	27	291	468	28	NA	
87,100	53	4	97	13	52	49	218	76	122	NA	
29,891	142	0	196	4	135	334	39	71	127	490-590; 490-590	492
34,674	131	5	90	6	98	99	136	351	39	610-700; 640-720	51
96,397	49	0	196	7	88	168	85	102	107	510-610; 520-620	340
76,131	61	24	39	9	76	253	58	192	71	530-640; 550-660	198
15,048	245	29	32	6	98	107	130	158	81	510-630; 520-630	299
44,635	105	8	76	9	76	177	82	125	98	540-620; 550-650	225
59,435	78	3	105	5	117	233	66	170	75	510-620; 510-630	330
41,609	111	9	73	5	117	103	132	161	77	NA	
NR		2	117	7	88	30	278	306	50	NA	
125,715	34	2	117	4	135	159	93	126	97	550-660; 570-680	138

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	2003 — Total Research x \$1000	Total Research Control Rank	2003 — Federal Research x \$1000	Federal Research Control Rank	2004 — Endowment Assets x \$1000	Endowment Control Rank
Columbia University	9	0	437,669	8	385,529	4	4,493,085	7
Duke University	9	0	520,191	4	306,864	8	3,313,859	12
Harvard University	9	0	408,707	10	348,620	7	22,143,649	1
Johns Hopkins University	9	0	1,244,132	1	1,106,971	1	2,055,542	19
Massachusetts Institute of Technology	9	0	485,764	5	356,206	6	5,865,212	5
Stanford University	9	0	603,227	2	483,540	2	9,922,000	4
University of Pennsylvania	9	0	564,716	3	415,631	3	4,018,660	8
Washington University in St. Louis	9	0	474,328	6	357,364	5	4,000,823	9
Yale University	9	0	387,644	11	296,713	11	12,747,150	2
Emory University	8	1	323,224	13	228,255	12	4,535,587	6
Northwestern University	8	1	319,722	14	200,316	19	3,668,405	10
Princeton University	8	1	179,951	24	104,011	28	9,928,200	3
Cornell University	8	0	356,049	12	212,991	14	2,654,312	15
New York University	8	0	241,593	18	166,033	20	1,449,500	21
University of Chicago	8	0	247,322	17	201,129	18	3,620,728	11
California Institute of Technology	7	2	240,664	19	219,097	13	1,261,122	26
University of Southern California	7	2	414,099	9	300,195	10	2,399,960	17
Vanderbilt University	7	2	276,074	31	221,979	16	2,296,262	18
Case Western Reserve University	7	1	250,674	16	205,452	16	1,441,819	22
University of Rochester	6	2	285,768	15	208,148	15	1,261,562	25
Brown University	5	4	125,090	30	81,445	34	1,647,295	20
Carnegie Mellon University	5	4	186,351	23	157,583	21	768,990	43
Rockefeller University	5	2	192,143	22	75,303	36	1,394,736	23
Rice University	4	5	52,367	42	43,706	41	3,302,455	13
Boston University	4	4	224,841	20	203,947	17	694,051	48
Dartmouth College	4	4	155,795	27	106,034	27	2,454,293	16
Baylor College of Medicine	4	3	461,763	7	302,764	9	972,351	35
University of Notre Dame	3	6	59,803	40	41,220	42	3,095,703	14
University of Miami	3	4	177,709	25	130,863	23	472,262	69
Mount Sinai School of Medicine	3	1	214,514	21	152,719	22	NR	
Georgetown University	2	6	100,181	36	83,745	31	680,611	50
Yeshiva University	2	5	177,236	26	128,894	24	1,003,024	33
George Washington University	1	7	92,454	37	68,959	37	733,801	45
Tufts University	1	7	112,609	32	78,942	35	752,428	44
Wake Forest University	1	6	130,405	29	108,467	25	812,192	39
Cornell University Weill Medical College	1	4	148,573	28	108,360	26	584,038	56

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving Control Rank	2004 — National Academy Members	National Academy Control Rank	2004 — Faculty Awards	Faculty Awards Control Rank	2004 — Doctorates Granted	Doctorates Control Rank	2003 — Postdoctoral Appointees	Postdoc Control Rank	2003 — SAT Range (V; Q) or ACT Range	SAT Control Rank
292,977	7	91	6	32	8	495	5	353	23	650-760; 660-750	16
269,012	9	48	12	32	8	259	18	679	6	660-750; 670-770	14
582,584	1	267	1	55	1	572	4	3852	1	700-790; 700-800	2
315,663	5	69	9	52	2	362	11	1313	2	630-720; 660-750	23
294,671	6	238	3	36	6	467	6	940	4	680-760; 730-800	3
524,539	2	253	2	52	2	625	2	1236	2	660-770; 680-790	8
336,989	4	85	8	31	10	414	7	801	5	650-750; 680-760	15
124,201	19	44	14	29	11	241	20	645	7	650-730; 670-750	19
268,120	10	101	4	39	4	340	12	1018	3	690-790; 690-790	4
134,322	15	17	22	16	18	164	27	532	9	640-720; 660-740	23
137,606	14	38	16	37	5	367	10	234	24	650-730; 660-750	20
126,482	16	90	7	25	12	276	15	340	25	680-770; 690-790	5
270,155	8	64	10	36	6	412	8	349	24	610-700; 622-720	53
215,835	11	33	17	15	20	407	9	274	23	600-700; 610-710	63
161,603	13	51	11	23	15	331	14	335	18	NR	
108,446	24	99	5	24	13	166	26	528	10	700-780; 760-800	1
354,481	3	40	15	10	30	573	3	535	8	610-700; 640-720	49
122,551	20	17	22	24	13	189	25	504	11	610-710; 640-720	45
69,393	29	20	21	12	24	203	22	348	17	590-700; 630-730	54
58,550	36	24	18	8	32	210	21	282	22	600-700; 630-710	56
94,654	25	16	24	14	21	147	33	95	35	640-750; 650-750	20
57,889	37	23	19	11	28	195	23	200	26	600-710; 680-770	23
61,713	33	45	13	12	24	13	183	374	14	NA	
57,219	40	16	24	12	24	126	38	135	31	660-760; 670-770	10
90,239	26	14	27	16	18	267	17	139	30	600-690; 620-690	67
118,644	21	11	31	18	16	55	82	159	28	660-760; 670-770	10
80,906	27	15	26	12	24	78	60	358	15	NA	
173,686	12	2	47	13	22	149	32	157	29	620-720; 650-740	32
125,715	18	2	47	4	43	159	28	126	32	550-660; 570-680	116
NR		12	30	3	53	27	122	468	12	NA	
108,545	23	6	35	13	22	71	65	57	38	640-730; 650-730	26
NR		9	34	9	31	121	42	412	13	NA	
47,218	45	3	44	11	28	255	19	43	43	590-690; 590-680	81
34,674	53	5	38	6	34	99	48	351	16	610-700; 640-720	49
56,701	41	2	47	5	38	39	101	120	33	610-690; 630-700	59
115,781	22	11	31	1	103	24	132	265	35	NA	

Top Public Research Universities (1-25)			Research				Private	
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically	Number of Measures in Top 25 Among Publics	Number of Measures in Top 26-50 Among Publics	2003 — Total Research x \$1000	Total Research Control Rank	2003 — Federal Research x \$1000	Federal Research Control Rank	2004 — Endowment Assets x \$1000	Endowment Control Rank
University of California - Berkeley	9	0	507,186	8	238,206	14	2,037,297	5
University of California - Los Angeles	9	0	849,357	1	421,174	3	586,839	24
University of Michigan - Ann Arbor	9	0	780,054	2	516,818	2	4,163,382	1
University of North Carolina - Chapel Hill	9	0	390,542	17	280,678	9	1,317,211	9
University of Wisconsin - Madison	9	0	721,248	3	396,231	5	1,046,722	13
University of Florida	8	1	429,734	15	194,958	21	738,299	19
University of Illinois - Urbana-Champaign	8	1	493,581	10	266,487	11	730,135	21
University of Minnesota - Twin Cities	8	1	508,557	7	293,266	8	1,730,063	6
University of Texas - Austin	8	1	343,854	19	231,996	15	2,038,938	4
University of Washington - Seattle	8	1	684,814	4	565,602	1	1,315,894	10
Ohio State University - Columbus	7	2	496,438	9	198,488	19	1,541,175	7
Pennsylvania State University - University Park	7	2	480,084	12	270,985	10	779,174	17
University of Pittsburgh - Pittsburgh	7	2	409,684	16	345,625	7	1,364,882	8
University of Virginia	7	2	206,199	45	173,442	28	2,793,225	3
University of Arizona	7	1	454,941	14	259,074	12	348,343	45
University of California - San Diego	7	1	646,508	6	400,100	4	184,187	77
University of Maryland - College Park	7	1	321,899	20	183,206	24	295,816	52
Georgia Institute of Technology	6	2	364,190	18	203,582	18	1,117,634	12
University of California - Davis	6	2	482,145	11	208,327	17	76,040	131
University of California - San Francisco	6	1	671,443	5	371,697	6	310,519	48
Texas A&M University	5	4	456,235	13	177,119	27	4,023,641	2
Michigan State University	5	3	321,410	21	133,820	34	749,365	18
University of Texas SW Medical Center - Dallas	5	2	276,692	30	177,196	26	804,305	16
University of Iowa	4	5	292,035	26	197,260	20	737,704	20
Purdue University - West Lafayette	4	4	309,476	23	129,199	36	1,207,131	11
University of Colorado - Boulder	4	2	214,013	41	192,750	22	249,897	65
North Carolina State University	3	5	286,025	28	96,157	51	324,189	47
University of Utah	3	5	223,739	38	152,112	31	394,461	40
University of California - Irvine	3	4	234,656	37	133,873	33	147,083	89
University of Texas MD Anderson Cancer Center	3	2	315,169	22	122,869	38	357,890	43
Rutgers the State University of NJ - New Brunswick	2	6	244,373	35	94,393	53	413,898	36
University of Georgia	2	6	299,748	24	93,884	54	474,596	33
University at Buffalo	2	4	240,180	36	129,794	35	428,072	35
University of Cincinnati - Cincinnati	2	4	255,083	33	185,261	23	987,785	15
University of Colorado Health Sciences Center	2	2	218,381	39	181,412	25	154,936	88
University of Alabama - Birmingham	1	5	284,497	29	245,217	13	285,274	54
University of California - Santa Barbara	1	5	149,130	64	88,422	58	106,340	116
University of Tennessee - Knoxville	1	5	217,389	40	100,486	49	506,225	30
Indiana University - Bloomington	1	4	135,068	68	61,450	74	526,608	28
University of Kansas - Lawrence	1	3	105,816	80	53,072	84	662,419	22
University of Missouri - Columbia	1	3	205,212	46	84,211	61	570,866	25
Arizona State University - Tempe	1	2	145,591	66	71,741	68	247,892	66
University of Delaware	1	2	100,706	85	69,493	70	995,889	14
University of Maryland - Baltimore	1	2	297,271	25	126,156	37	133,655	99
University of Nebraska - Lincoln	1	2	191,009	51	60,005	77	623,910	23
College of William and Mary	1	1	43,974	120	21,992	130	409,872	38
University at Albany	1	0	120,655	74	76,038	65	16,387	234
University of California - Santa Cruz	1	0	78,448	97	38,213	99	80,068	128

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving Control Rank	2004 — National Academy Members	National Academy Control Rank	2004 — Faculty Awards	Faculty Awards Control Rank	2004 — Doctorates Granted	Doctorates Control Rank	2003 — Postdoctoral Appointees	Postdoc Control Rank	2003 — SAT Range (V; Q) or ACT Range	SAT Control Rank
182,323	10	209	1	45	2	775	1	720	6	570-700; 620-740	5
263,691	2	66	7	37	5	666	4	1292	1	550-670; 590-720	11
211,610	6	77	5	47	1	660	5	748	5	580-690; 620-720	6
190,220	9	36	11	30	8	439	15	571	12	590-690; 600-700	8
262,826	3	71	6	43	3	628	6	482	16	26-30	13
133,359	16	17	30	23	12	694	3	575	11	560-660; 580-680	19
125,697	17	52	9	27	10	574	8	317	29	570-670; 620-720	8
249,782	4	37	10	22	14	592	7	614	10	540-660; 560-680	26
264,935	1	53	8	30	8	702	2	215	43	540-660; 570-690	23
198,013	8	78	4	34	6	503	12	865	4	520-640; 550-670	41
206,078	7	18	28	21	18	561	9	381	20	530-630; 550-660	44
107,400	21	27	20	22	14	539	10	312	30	530-630; 560-670	38
95,457	26	22	24	20	21	382	20	688	8	550-650; 570-660	27
168,310	11	25	21	21	18	358	23	354	22	600-710; 630-720	3
101,824	23	29	15	23	12	398	18	403	17	490-610; 500-630	91
112,237	19	101	2	38	4	327	27	949	3	550-660; 600-700	15
81,669	31	24	22	27	10	482	13	319	28	570-660; 600-700	11
64,283	38	30	13	21	18	311	28	31	121	600-690; 650-740	2
82,344	30	33	12	22	14	375	22	637	9	510-630; 570-670	41
217,647	5	92	3	31	7	95	91	521	15	NA	
106,732	22	20	25	11	35	515	11	264	36	520-640; 550-660	44
110,785	20	9	40	11	35	430	16	401	18	500-620; 520-650	67
134,434	15	29	15	17	24	47	130	547	13	NA	
86,582	28	20	25	13	31	300	29	334	26	530-640; 540-660	44
163,727	12	14	31	14	27	446	14	288	21	500-610; 530-650	67
34,716	78	28	19	18	22	286	33	703	7	530-630; 550-650	51
138,487	14	18	28	14	27	338	25	363	21	530-630; 570-670	36
139,271	13	20	25	22	14	216	48	296	32	22-26	97
52,347	49	29	15	17	24	187	54	384	19	520-620; 570-680	38
99,373	24	1	88	0	310	NA		541	14	NA	
63,245	40	30	13	11	35	382	20	160	27	540-640; 570-670	30
61,549	42	10	38	12	33	404	17	251	38	550-650; 560-650	32
23,331	94	5	53	18	22	299	30	319	19	500-600; 530-630	80
51,384	51	6	49	8	51	212	49	262	37	460-600; 460-610	160
37,319	72	11	34	6	65	60	118	323	27	NA	
62,314	41	7	44	11	35	111	80	198	44	19-24	250
76,131	33	24	22	9	46	253	39	192	45	530-640; 550-660	41
125,135	18	2	71	9	46	280	35	138	59	500-610; 500-620	91
59,134	44	10	38	14	27	391	19	131	62	490-600; 500-620	105
73,020	35	5	53	10	41	239	43	130	63	21-27	97
71,496	36	5	53	8	51	251	40	156	54	23-28	60
73,542	34	7	44	6	65	355	24	109	72	480-600; 490-620	118
44,635	60	8	42	9	46	177	57	125	66	540-620; 550-650	51
41,609	65	9	40	5	80	103	85	161	51	NA	
64,195	39	3	62	5	80	236	45	127	64	520-650; 520-660	54
34,977	77	0	123	6	65	56	121	28	51	630-730; 630-710	1
96,397	25	0	123	7	56	168	60	102	74	510-610; 520-620	80
15,048	119	29	15	6	65	107	83	158	53	510-630; 520-630	67

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	2003 — Total Research x \$1000	Total Research Control Rank	2003 — Federal Research x \$1000	Federal Research Control Rank	2004 — Endowment Assets x \$1000	Endowment Control Rank
Tulane University	8	117,709	31	82,118	33	692,665	49
Brandeis University	7	50,841	43	33,722	47	467,727	70
Syracuse University	7	48,846	46	34,559	46	770,167	42
Drexel University	6	69,548	39	49,271	39	424,346	77
Rensselaer Polytechnic Institute	6	50,777	44	32,295	48	570,175	58
Boston College	5	32,158	52	22,907	54	1,150,148	29
Loyola University Chicago	5	37,581	49	28,107	49	228,130	118
Saint Louis University - St. Louis	5	41,189	48	36,989	44	702,064	46
Howard University	4	37,577	50	36,137	45	371,160	84
Northeastern University	4	42,931	47	26,895	50	498,481	63
Thomas Jefferson University	4	109,083	33	85,348	29	NR	
Woods Hole Oceanographic Institution	4	104,223	35	84,410	30	NR	
Medical College of Wisconsin	3	108,608	34	83,026	32	372,535	83
Rush University	3	89,196	38	49,834	38	340,186	89
Charles R. Drew University of Medicine and Science	2	49,888	45	39,407	43	26,000	423
Morehouse School of Medicine	2	27,154	55	24,382	51	32,154	390
University of Dayton	2	52,943	41	47,327	40	304,670	95
Meharry Medical College	1	25,427	58	24,195	52	46,311	325
New York Medical College	1	30,492	53	23,387	53	56,459	287
Top Public Research Universities (26-50) (Corrected)							
Iowa State University	7	199,566	49	82,297	62	400,621	39
Stony Brook University	7	200,330	48	112,452	41	57,849	147
Virginia Polytechnic Institute and State University	7	247,807	34	98,143	50	370,811	42
University of Illinois - Chicago	6	291,507	27	168,063	29	137,561	96
University of Kentucky	6	272,062	32	120,003	39	488,827	31
Indiana University-Purdue University - Indianapolis	5	202,601	47	92,175	57	486,099	32
Oregon Health & Science University	4	197,178	50	164,221	30	287,014	53
University of Massachusetts - Amherst	4	113,512	75	60,839	75	80,469	127
Wayne State University	4	213,717	42	102,963	47	173,623	80

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving Control Rank	2004 — National Academy Members	National Academy Control Rank	2004 — Faculty Awards	Faculty Awards Control Rank	2004 — Doctorates Granted	Doctorates Control Rank	2003 — Postdoctoral Appointees	Postdoc Control Rank	2003 — SAT Range (V; Q) or ACT Range	SAT Control Rank
61,299	34	3	44	6	34	127	37	95	75	610-730; 630-690	51
64,012	32	13	29	6	34	82	56	92	36	620-720; 630-720	42
57,763	38	3	44	3	53	151	31	36	115	570-640; 580-670	116
38,451	48	5	38	5	38	111	43	0	87	504-630; 560-660	152
41,079	47	14	27	3	53	156	29	74	87	580-680; 640-720	63
64,344	30	2	47	4	43	122	41	27	52	590-680; 610-690	75
20,542	87	0	76	4	43	142	35	89	37	540-640; 510-630	206
32,472	55	1	58	1	103	155	30	44	106	540-650; 550-660	143
NR		6	35	3	53	99	48	24	55	420-680; 420-680	320
23,119	74	0	76	5	38	69	67	40	45	550-640; 570-660	130
NR		6	35	2	72	16	170	211	25	NA	
NR		4	40	0	235	NR		41	44	NA	
12,200	156	1	58	2	72	29	118	101	34	NA	
NR		2	47	2	72	35	110	19	59	NA	
NR		1	58	0	235	0	332	0	87	NA	
4,345	339	4	40	0	235	3	280	44	42	NA	
23,969	72	0	76	1	103	25	128	0	87	510-620; 520-640	233
NR		2	47	0	235	16	170	20	58	NA	
NR		1	58	3	53	7	238	34	47	NA	
53,981	48	11	34	7	56	239	43	225	40	520-650; 560-680	32
22,586	96	14	31	14	27	285	34	175	47	540-630; 570-670	32
67,037	37	12	33	3	107	290	32	86	81	540-630; 570-630	44
40,153	68	6	49	15	26	233	46	287	33	20-26	149
59,435	43	3	62	5	80	233	46	170	49	510-620; 510-630	78
58,136	45	7	44	6	65	35	150	188	46	440-540; 440-550	315
87,100	27	4	58	13	31	49	129	76	85	NA	
25,330	92	7	44	10	41	274	36	161	51	520-630; 510-610	78
NR		4	58	10	41	194	53	243	39	16-24	369

Top Public Research Universities (26-50), <i>continued</i>		Research				Private	
Institutions in Order of Top 26-50 Score, then Alphabetically	Number of Measures in Top 26-50 By Control	2003 — Total Research x \$1000	Total Research Control Rank	2003 — Federal Research x \$1000	Federal Research Control Rank	2004 — Endowment Assets x \$1000	Endowment Control Rank
Colorado State University	3	187,054	53	117,151	40	123,524	107
Louisiana State University - Baton Rouge	3	206,677	44	48,656	87	257,804	63
Oregon State University	3	167,631	55	100,499	48	277,670	56
University of Hawaii - Manoa	3	179,285	54	143,580	32	166,198	85
University of Maryland - Baltimore County	3	42,906	123	34,164	107	26,464	206
Washington State University - Pullman	3	165,196	57	63,800	71	515,571	29
Florida State University	2	152,277	61	87,985	59	412,020	37
University of Arkansas - Fayetteville	2	82,277	93	27,071	121	566,544	26
University of California - Riverside	2	112,468	77	40,409	95	76,691	130
University of Connecticut - Storrs	2	87,557	91	53,593	81	131,971	101
University of Houston - University Park	2	63,455	106	32,556	109	309,944	49
University of Massachusetts Medical Sch - Worcester	2	148,823	65	109,082	42	37,291	179
University of Medicine & Dentistry of New Jersey	2	190,763	52	105,495	46	198,464	73
University of Oklahoma - Norman	2	106,424	79	36,153	103	435,649	34
University of South Carolina - Columbia	2	121,410	73	63,044	72	329,791	46
University of South Florida	2	213,249	43	106,102	45	270,906	58
University of Texas Medical Branch - Galveston	2	153,122	59	93,039	55	352,268	44
Clemson University	1	152,986	60	62,552	73	264,868	62
Kansas State University	1	112,733	76	53,313	82	206,095	71
Medical University of South Carolina	1	150,551	62	92,893	56	82,173	125
Mississippi State University	1	165,922	56	79,837	64	171,903	81
Oklahoma State University - Stillwater	1	103,079	83	37,748	102	169,127	82
Temple University	1	71,327	99	51,309	86	166,128	86
University of Alabama - Tuscaloosa	1	34,187	136	26,241	123	391,552	41
University of Louisville	1	88,522	90	39,924	96	554,840	27
University of Mississippi - Oxford	1	49,861	115	40,577	94	308,888	50
University of New Mexico - Albuquerque	1	158,239	58	106,541	44	228,680	68
University of Oregon	1	44,604	119	36,127	104	267,903	60
University of Texas Health Science Center - Houston	1	149,294	63	107,481	43	113,459	113

Support		Faculty				Advanced Training				Undergraduate	
2004 — Annual Giving x \$1000	Giving Control Rank	2004 — National Academy Members	National Academy Control Rank	2004 — Faculty Awards	Faculty Awards Control Rank	2004 — Doctorates Granted	Doctorates Control Rank	2003 — Postdoctoral Appointees	Postdoc Control Rank	2003 — SAT Range (V; Q) or ACT Range	SAT Control Rank
46,719	57	7	44	8	51	160	64	220	42	500-600; 510-610	97
NR		1	88	11	35	240	42	132	61	22-27	84
51,927	50	5	53	11	35	173	59	116	69	470-580; 480-610	149
19,212	108	6	49	9	46	116	77	121	68	480-580; 510-620	118
10,827	146	0	123	9	46	65	111	23	136	540-640; 580-670	27
40,700	67	8	42	10	41	167	61	147	56	470-580; 480-590	166
45,650	59	4	58	6	65	271	37	143	57	520-620; 530-630	64
83,366	29	2	71	2	132	110	82	73	89	530-650; 520-650	54
17,223	114	3	62	12	33	141	71	222	41	460-570; 500-620	144
35,840	74	2	71	10	41	257	38	115	70	530-620; 550-640	56
31,160	83	11	34	2	132	196	51	75	86	460-570; 480-600	177
NR		2	71	7	56	30	161	306	31	NA	
21,600	98	1	88	6	65	185	55	171	48	NA	
78,685	32	2	71	4	93	136	73	36	115	24-28	51
44,368	61	2	71	7	56	241	41	89	80	510-620; 520-630	75
41,939	64	1	88	6	65	179	56	127	64	490-590; 490-600	133
46,393	58	2	71	4	93	35	150	278	34	NA	
36,615	73	1	88	1	176	113	78	38	111	550-630; 570-660	32
54,202	47	0	123	4	93	146	70	138	59	21-26	121
19,597	105	2	71	2	132	30	161	168	50	NA	
57,320	46	0	123	3	107	85	93	49	102	20-27	121
41,028	66	3	62	7	56	204	50	55	99	490-600; 500-610	112
29,891	84	0	123	4	93	334	26	71	90	490-590; 490-590	137
43,254	62	0	123	2	132	158	66	38	111	490-610; 500-610	105
37,692	71	1	88	6	65	106	84	94	76	480-600; 490-610	121
39,462	70	0	123	1	176	73	106	58	95	20-26	149
39,831	69	3	62	5	80	195	52	112	71	480-600; 460-590	160
46,845	56	6	49	7	56	164	62	56	97	490-609; 499-613	103
35,031	75	5	53	7	56	98	89	80	82	NA	

Part II

TheCenter Research Universities

TheCenter's Research Universities consist of academic institutions that had more than \$20 million in federal research expenditures in fiscal year 2003. 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 five years of data for each measure. 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** (1999-2003)
- **Federal Research Expenditures** (1999-2003)
- **Research by Major Discipline** (2003)
- **Endowment Assets** (2000-2004)
- **Annual Giving** (2000-2004)
- **National Academy Membership** (2000-2004)
- **Faculty Awards** (2000-2004)
- **Doctorates Awarded** (2000-2004)
- **Postdoctoral Appointees** (1999-2003)
- **SAT Scores** (1999-2003)
Source: The Annual Survey of Colleges of the College Board and Data Base, 2004-2005. Copyright © 2004 College Entrance Examination Board. All rights reserved.
- **National Merit and Achievement Scholars** (2000-2004)

- **Change: Research** presents trend data on total, federal, and non-federal research (1994 and 2003) in constant dollars.
- **Change: Private Support and Doctorates** provides trend data on endowment assets (1995 and 2004) and annual giving (1995 and 2004) in constant dollars, and doctorates awarded (1995 and 2004).
- **Change: Students** includes trend data on SAT/ACT ranges (1995 and 2003), National Merit and Achievement Scholars (1995 and 2004), and student headcount enrollment (1994 and 2003).
- **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 five year's (2000-2004) 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, are in the Data Notes section of this report.

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

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

Total Research Expenditures		2003 — Total Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Total Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	36,856	182	132	15,717	234	172
Public	Arizona State University - Tempe	145,591	94	66	123,016	97	69
Public	Auburn University	124,103	102	72	108,775	107	76
Private	Baylor College of Medicine	461,763	19	7	411,924	21	7
Private	Boston College	32,158	190	52	31,754	184	51
Private	Boston University	224,841	57	20	192,612	64	20
Private	Brandeis University	50,841	157	43	47,122	158	42
Private	Brown University	125,090	101	30	109,482	104	30
Private	California Institute of Technology	240,664	54	19	220,004	54	18
Private	Carnegie Mellon University	186,351	76	23	188,191	66	21
Private	Case Western Reserve University	250,674	49	16	219,042	56	19
Private	Charles R. Drew University of Medicine and Science	49,888	159	45	48,839	153	40
Public	Clemson University	152,986	87	60	134,840	88	61
Public	College of William and Mary	43,974	166	120	39,858	167	121
Public	Colorado State University	187,054	75	53	178,845	72	50
Private	Columbia University	437,669	22	8	405,403	22	8
Private	Cornell University	356,049	30	12	347,286	30	12
Private	Cornell University Weill Medical College	148,573	93	28	148,837	85	27
Private	Dartmouth College	155,795	85	27	126,839	95	28
Public	Desert Research Institute	31,757	191	139	29,465	189	138
Private	Drexel University	69,548	139	39	44,465	164	46
Private	Duke University	520,191	10	4	441,533	16	5
Private	Emory University	323,224	32	13	271,238	40	14
Public	Florida International University	52,175	156	114	47,654	157	116
Public	Florida State University	152,277	88	61	134,351	89	62
Public	George Mason University	44,980	164	118	38,849	169	123
Private	George Washington University	92,454	123	37	86,288	121	37
Private	Georgetown University	100,181	121	36	96,450	116	36
Public	Georgia Institute of Technology	364,190	29	18	340,347	31	19
Public	Georgia State University	45,653	163	117	44,564	163	118
Private	Harvard University	408,707	26	10	401,367	23	9
Private	Howard University	37,577	179	50	35,387	178	50
Public	Indiana University - Bloomington	135,068	96	68	119,632	99	71
Public	Indiana University-Purdue University - Indianapolis	202,601	68	47	179,448	71	49
Public	Iowa State University	199,566	70	49	188,664	65	45
Public	Jackson State University	28,843	201	147	25,445	201	149
Private	Johns Hopkins University	1,244,132	1	1	1,140,235	1	1
Public	Kansas State University	112,733	107	76	106,804	108	77
Private	Loma Linda University	26,296	210	56	23,996	208	54
Public	Louisiana State University - Baton Rouge	206,677	65	44	197,993	62	43
Public	Louisiana State University Health Sciences Center	81,807	132	94	64,082	139	101
Private	Loyola University Chicago	37,581	178	49	37,607	172	48
Private	Massachusetts Institute of Technology	485,764	15	5	446,786	14	4
Public	Medical College of Georgia	56,398	150	110	51,705	149	110
Private	Medical College of Wisconsin	108,608	112	34	96,700	115	35
Public	Medical University of South Carolina	150,551	89	62	132,030	91	64

2001 — Total Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Total Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Total Research x \$1000	1999 — National Rank	1999 — Control Rank
11,977	247	176	8,238	270	194	11,562	238	173
118,763	87	59	108,117	89	60	107,184	86	57
106,347	97	68	92,612	101	71	80,544	104	72
381,461	19	6	334,175	22	8	272,198	27	12
30,768	178	51	27,767	178	51	21,726	195	56
172,031	64	22	154,029	65	21	141,102	66	22
52,818	143	40	47,658	147	40	48,305	136	40
91,636	111	34	81,476	114	35	76,330	110	34
215,085	46	16	222,666	41	14	212,216	38	14
144,882	81	27	137,980	75	25	142,174	64	21
198,253	51	17	193,057	48	17	182,332	44	16
36,717	165	47	31,045	172	48	24,484	181	51
123,885	85	57	114,903	87	58	99,341	91	61
35,829	167	120	33,299	165	118	31,322	162	118
161,144	68	46	152,279	66	45	150,281	59	40
354,497	23	9	319,693	23	9	279,587	24	9
310,680	28	12	287,275	29	12	276,886	25	10
133,148	83	28	123,118	84	29	118,666	79	27
109,096	96	29	78,874	116	36	69,522	116	36
29,697	180	128	25,691	187	135	23,376	187	133
27,698	188	54	24,876	190	54	22,397	191	55
375,133	20	7	356,625	19	6	348,274	15	5
236,997	40	14	206,070	43	15	189,170	42	15
44,291	152	110	34,649	163	117	25,061	180	130
113,817	91	63	105,095	91	61	97,673	92	62
32,881	171	123	26,793	182	130	26,766	176	126
73,805	123	38	69,300	122	38	66,757	117	37
99,228	103	32	133,211	80	27	111,426	83	29
306,533	29	17	304,511	25	16	263,725	29	17
38,960	162	117	36,600	158	113	36,523	158	114
372,107	21	8	341,810	21	7	326,193	17	6
30,148	179	52	27,254	180	52	23,557	186	54
103,960	99	69	91,095	103	73	77,916	109	76
155,939	73	51	136,642	76	51	116,874	80	53
179,196	60	40	175,558	55	37	161,301	53	34
25,663	192	137	12,027	238	173	8,823	265	190
999,246	1	1	901,156	1	1	874,518	1	1
94,030	108	75	91,790	102	72	85,580	100	69
24,183	197	57	24,369	191	55	18,818	207	59
185,549	58	38	173,351	56	38	158,672	54	35
59,160	138	99	55,271	135	96	44,726	143	103
37,156	163	46	30,034	174	50	29,001	168	47
435,495	12	4	426,299	11	4	420,306	9	3
52,191	144	104	45,596	149	109	41,103	150	110
83,857	118	37	70,581	121	37	61,446	124	38
116,687	88	60	65,243	126	87	55,819	130	91

Total Research Expenditures		2003 — Total Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Total Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	25,427	215	58	20,508	220	59
Public	Michigan State University	321,410	34	21	289,787	35	23
Public	Mississippi State University	165,922	82	56	158,652	82	57
Public	Montana State University - Bozeman	91,503	125	88	78,211	127	89
Private	Morehouse School of Medicine	27,154	208	55	23,956	210	55
Private	Mount Sinai School of Medicine	214,514	61	21	185,335	68	22
Public	New Jersey Institute of Technology	73,664	136	98	69,138	133	95
Public	New Mexico State University - Las Cruces	108,613	111	78	103,078	111	80
Private	New York Medical College	30,492	196	53	25,222	203	53
Private	New York University	241,593	53	18	222,978	53	17
Public	North Carolina State University	286,025	42	28	290,018	34	22
Public	North Dakota State University	91,812	124	87	72,105	130	92
Private	Northeastern University	42,931	169	47	38,540	170	47
Private	Northwestern University	319,722	35	14	282,154	39	13
Public	Ohio State University - Columbus	496,438	13	9	432,387	18	13
Public	Ohio University - Athens	37,527	180	130	36,601	174	126
Public	Oklahoma State University - Stillwater	103,079	118	83	94,987	118	82
Public	Oregon Health & Science University	197,178	71	50	158,729	81	56
Public	Oregon State University	167,631	81	55	161,735	80	55
Public	Pennsylvania State University - Hershey Medical Ctr	53,343	152	112	49,274	152	113
Public	Pennsylvania State University - University Park	480,084	17	12	443,465	15	11
Private	Princeton University	179,951	77	24	164,408	78	25
Public	Purdue University - West Lafayette	309,476	37	23	285,778	37	25
Private	Rensselaer Polytechnic Institute	50,777	158	44	45,955	160	44
Private	Rice University	52,367	155	42	48,169	155	41
Private	Rockefeller University	192,143	72	22	166,603	77	24
Private	Rush University	89,196	127	38	79,394	126	38
Public	Rutgers the State University of NJ - New Brunswick	244,373	52	35	230,358	50	35
Private	Saint Louis University - St. Louis	41,189	173	48	35,444	177	49
Public	San Diego State University	67,053	143	104	64,302	138	100
Private	Stanford University	603,227	8	2	538,474	8	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	38,424	176	128	34,981	179	129
Public	Stony Brook University	200,330	69	48	184,045	69	47
Private	Syracuse University	48,846	161	46	45,870	161	45
Public	Temple University	71,327	137	99	63,850	140	102
Public	Texas A&M University	456,235	20	13	436,681	17	12
Public	Texas A&M University System Health Sciences Center	55,031	151	111	49,636	151	112
Public	Texas Tech University	69,714	138	100	63,248	141	103
Private	Thomas Jefferson University	109,083	110	33	102,974	113	33
Private	Tufts University	112,609	108	32	109,291	106	31
Private	Tulane University	117,709	105	31	102,998	112	32
Public	University at Albany	120,655	104	74	67,493	135	97
Public	University at Buffalo	240,180	55	36	226,959	51	36
Public	University of Alabama - Birmingham	284,497	44	29	255,053	46	31
Public	University of Alabama - Huntsville	46,595	162	116	48,353	154	114
Public	University of Alabama - Tuscaloosa	34,187	186	136	37,130	173	125

2001 — Total Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Total Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Total Research x \$1000	1999 — National Rank	1999 — Control Rank
14,984	232	65	9,460	256	71	9,460	256	71
265,946	35	23	238,436	36	23	207,912	39	25
146,939	79	54	132,503	81	54	110,896	85	56
69,593	129	90	65,324	125	86	55,475	132	93
19,670	212	58	16,889	219	61	13,622	228	63
176,946	61	21	149,846	67	22	127,765	73	24
44,177	153	111	47,895	146	107	40,982	152	111
86,963	117	81	79,695	115	80	79,877	105	73
24,283	195	56	23,348	196	56	20,436	201	57
190,722	55	19	182,205	53	18	167,179	49	18
299,259	31	19	277,946	30	18	270,621	28	16
64,882	131	92	50,063	141	102	44,696	144	104
34,467	168	48	35,340	161	46	30,209	167	46
257,933	36	13	245,774	35	13	233,809	35	13
390,652	18	13	361,399	18	13	322,810	18	12
27,146	189	135	23,767	194	139	21,437	198	142
90,311	114	79	88,285	107	75	83,108	101	70
136,785	82	55	131,486	82	55	120,429	78	52
153,925	74	52	140,751	72	49	139,285	69	46
45,807	150	109	55,585	134	95	45,528	142	102
412,259	14	10	371,990	15	11	333,874	16	11
149,411	77	24	134,875	78	26	124,237	75	25
254,917	38	25	234,536	38	25	226,411	37	24
45,010	151	42	40,762	154	43	39,034	155	43
42,675	156	43	41,840	151	41	41,069	151	41
145,571	80	26	124,138	83	28	121,519	77	26
70,219	127	39	68,189	123	39	60,957	125	39
210,746	49	33	200,489	45	30	190,316	41	27
32,442	174	50	31,002	173	49	27,817	173	49
58,332	139	100	55,002	136	97	45,579	141	101
482,906	8	2	457,822	8	2	426,549	8	2
31,626	177	127	31,626	169	122	28,840	170	123
168,487	66	44	163,307	60	40	148,982	62	42
42,476	157	44	40,063	155	44	39,640	154	42
60,182	136	97	52,466	139	100	53,940	134	95
407,041	15	11	397,268	13	9	402,203	11	8
40,859	161	116	25,736	186	134	NA		
54,987	142	103	53,897	138	99	46,206	140	100
88,936	115	36	89,626	106	32	78,410	108	33
105,806	98	30	105,783	90	30	100,872	90	30
99,761	101	31	89,785	105	31	87,324	98	31
70,119	128	89	82,792	112	79	64,278	118	81
186,829	56	37	187,692	51	34	166,823	50	32
231,702	43	28	233,461	39	26	232,115	36	23
43,731	154	112	41,274	153	111	40,203	153	112
33,133	170	122	31,847	168	121	28,909	169	122

Total Research Expenditures		2003 — Total Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Total Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	128,916	99	70	116,279	100	72
Public	University of Arizona	454,941	21	14	390,827	25	16
Public	University of Arkansas - Fayetteville	82,277	131	93	83,063	124	87
Public	University of Arkansas for Medical Sciences	63,677	144	105	45,046	162	117
Public	University of California - Berkeley	507,186	12	8	474,746	12	9
Public	University of California - Davis	482,145	16	11	456,653	13	10
Public	University of California - Irvine	234,656	56	37	209,469	59	40
Public	University of California - Los Angeles	849,357	2	1	787,598	2	1
Public	University of California - Riverside	112,468	109	77	111,936	101	73
Public	University of California - San Diego	646,508	7	6	585,008	7	6
Public	University of California - San Francisco	671,443	6	5	596,965	6	5
Public	University of California - Santa Barbara	149,130	91	64	131,795	92	65
Public	University of California - Santa Cruz	78,448	135	97	70,967	132	94
Public	University of Central Florida	89,880	126	89	66,351	137	99
Private	University of Chicago	247,322	51	17	225,264	52	16
Public	University of Cincinnati - Cincinnati	255,083	48	33	217,739	57	38
Public	University of Colorado - Boulder	214,013	62	41	219,900	55	37
Public	University of Colorado Health Sciences Center	218,381	59	39	175,920	75	53
Public	University of Connecticut - Health Center	102,784	119	84	75,681	129	91
Public	University of Connecticut - Storrs	87,557	129	91	96,322	117	81
Private	University of Dayton	52,943	154	41	46,554	159	43
Public	University of Delaware	100,706	120	85	85,157	122	85
Public	University of Florida	429,734	23	15	386,316	26	17
Public	University of Georgia	299,748	38	24	284,660	38	26
Public	University of Hawaii - Manoa	179,285	78	54	161,823	79	54
Public	University of Houston - University Park	63,455	145	106	59,707	144	106
Public	University of Idaho	85,213	130	92	76,758	128	90
Public	University of Illinois - Chicago	291,507	41	27	259,852	45	30
Public	University of Illinois - Urbana-Champaign	493,581	14	10	427,174	19	14
Public	University of Iowa	292,035	40	26	288,808	36	24
Public	University of Kansas - Lawrence	105,816	114	80	103,451	110	79
Public	University of Kansas Medical Center	67,208	142	103	68,680	134	96
Public	University of Kentucky	272,062	47	32	236,275	48	33
Public	University of Louisville	88,522	128	90	80,974	125	88
Public	University of Maine - Orono	68,923	140	101	62,149	143	105
Public	University of Maryland - Baltimore	297,271	39	25	266,822	41	27
Public	University of Maryland - Baltimore County	42,906	170	123	36,323	175	127
Public	University of Maryland - College Park	321,899	33	20	324,980	32	20
Public	University of Massachusetts - Amherst	113,512	106	75	109,332	105	75
Public	University of Massachusetts Medical Sch - Worcester	148,823	92	65	132,729	90	63
Public	University of Medicine & Dentistry of New Jersey	190,763	74	52	178,156	73	51
Private	University of Miami	177,709	79	25	171,319	76	23
Public	University of Michigan - Ann Arbor	780,054	3	2	673,724	3	2
Public	University of Minnesota - Twin Cities	508,557	11	7	494,265	10	7
Public	University of Mississippi - Oxford	49,861	160	115	50,756	150	111
Public	University of Mississippi Medical Center	33,517	187	137	21,137	219	161

2001 — Total Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Total Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Total Research x \$1000	1999 — National Rank	1999 — Control Rank
110,195	94	66	102,500	96	66	88,825	96	66
367,128	22	14	345,090	20	14	320,245	19	13
78,303	120	83	70,817	120	84	61,585	123	86
51,921	145	105	49,074	143	104	44,066	146	106
446,273	11	8	518,514	7	6	451,539	7	6
432,396	13	9	364,789	16	12	307,950	21	14
179,866	59	39	158,437	63	43	141,842	65	44
693,801	2	1	530,826	4	3	477,620	5	4
94,455	107	74	83,580	111	78	75,821	111	77
556,533	6	5	518,559	6	5	461,632	6	5
524,975	7	6	443,013	9	7	417,095	10	7
116,372	89	61	118,154	86	57	104,561	89	60
64,253	132	93	56,212	132	93	52,902	135	96
79,287	119	82	47,646	148	108	42,466	148	108
194,125	53	18	170,678	59	20	162,805	52	19
192,895	54	36	171,906	58	39	153,002	58	39
201,010	50	34	207,973	42	28	184,237	43	28
160,808	69	47	142,454	70	47	130,450	72	49
72,321	125	87	70,877	119	83	59,394	126	87
92,045	110	77	90,207	104	74	75,592	112	78
41,343	159	45	39,345	156	45	36,937	156	44
77,491	121	84	74,711	117	81	73,521	114	80
347,892	25	16	313,692	24	15	304,447	22	15
272,298	33	21	258,476	33	21	237,493	34	22
156,976	71	49	161,300	61	41	156,810	55	36
51,567	146	106	48,902	144	105	43,370	147	107
67,496	130	91	61,347	130	91	62,531	121	84
233,098	42	27	195,839	47	31	175,093	46	29
390,863	17	12	373,024	14	10	358,247	13	9
255,348	37	24	236,944	37	24	207,135	40	26
93,880	109	76	85,825	110	77	73,831	113	79
62,587	134	95	62,845	129	90	58,921	127	88
211,721	48	32	202,392	44	29	174,034	47	30
72,857	124	86	64,062	127	88	57,051	129	90
64,070	133	94	54,821	137	98	41,452	149	109
239,007	39	26	224,346	40	27	140,903	67	45
29,641	181	129	26,044	184	132	21,854	194	139
267,383	34	22	252,429	34	22	257,628	31	19
97,976	106	73	96,907	99	69	86,576	99	68
111,221	93	65	97,587	98	68	83,040	102	71
162,417	67	45	140,951	71	48	126,277	74	50
153,772	75	23	145,795	68	23	139,608	68	23
600,523	4	3	551,556	3	2	508,619	2	1
462,011	10	7	411,380	12	8	356,529	14	10
57,597	141	102	31,427	171	124	10,294	247	180
NR			13,500	233	168	7,004	275	197

Total Research Expenditures		2003 — Total Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Total Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Missouri - Columbia	205,212	67	46	177,011	74	52
Public	University of Montana - Missoula	43,562	168	122	39,367	168	122
Public	University of Nebraska - Lincoln	191,009	73	51	247,948	47	32
Public	University of Nebraska Medical Center	79,057	134	96	71,000	131	93
Public	University of Nevada - Las Vegas	42,205	171	124	30,527	187	136
Public	University of Nevada - Reno	80,553	133	95	66,721	136	98
Public	University of New Hampshire - Durham	96,415	122	86	93,222	119	83
Public	University of New Mexico - Albuquerque	158,239	84	58	150,598	84	58
Public	University of North Carolina - Chapel Hill	390,542	27	17	370,806	28	18
Public	University of North Dakota	41,803	172	125	33,973	181	131
Private	University of Notre Dame	59,803	149	40	52,371	148	39
Public	University of Oklahoma - Norman	106,424	113	79	106,705	109	78
Public	University of Oklahoma Health Sciences Center	68,042	141	102	62,668	142	104
Public	University of Oregon	44,604	165	119	43,723	165	119
Private	University of Pennsylvania	564,716	9	3	522,269	9	3
Public	University of Pittsburgh - Pittsburgh	409,684	25	16	400,200	24	15
Public	University of Puerto Rico - Medical Sciences	31,124	192	140	29,089	191	140
Public	University of Rhode Island	61,818	146	107	53,347	147	109
Private	University of Rochester	285,768	43	15	261,601	44	15
Public	University of South Carolina - Columbia	121,410	103	73	123,108	96	68
Public	University of South Florida	213,249	64	43	197,894	63	44
Private	University of Southern California	414,099	24	9	372,397	27	10
Public	University of Southern Mississippi	35,049	184	134	25,685	199	147
Public	University of Tennessee - Knoxville	217,389	60	40	185,437	67	46
Public	University of Texas - Austin	343,854	31	19	320,966	33	21
Public	University of Texas Health Science Center - Houston	149,294	90	63	138,380	87	60
Public	University of Texas Health Science Ctr - San Antonio	133,304	97	69	129,616	93	66
Public	University of Texas MD Anderson Cancer Center	315,169	36	22	262,145	43	29
Public	University of Texas Medical Branch - Galveston	153,122	86	59	129,534	94	67
Public	University of Texas SW Medical Center - Dallas	276,692	45	30	263,958	42	28
Public	University of Utah	223,739	58	38	216,707	58	39
Public	University of Vermont	104,994	115	81	88,602	120	84
Public	University of Virginia	206,199	66	45	182,340	70	48
Public	University of Washington - Seattle	684,814	5	4	627,273	5	4
Public	University of Wisconsin - Madison	721,248	4	3	662,101	4	3
Public	University of Wyoming	60,054	148	109	41,632	166	120
Public	US Naval Postgraduate School	61,025	147	108	54,291	145	107
Public	Utah State University	138,862	95	67	121,621	98	70
Private	Vanderbilt University	276,074	46	31	208,305	60	41
Public	Virginia Commonwealth University	126,451	100	71	109,619	103	74
Public	Virginia Polytechnic Institute and State University	247,807	50	34	232,560	49	34
Private	Wake Forest University	130,405	98	29	111,634	102	29
Public	Washington State University - Pullman	165,196	83	57	138,726	86	59
Private	Washington University in St. Louis	474,328	18	6	416,960	20	6
Public	Wayne State University	213,717	63	42	199,007	61	42
Public	West Virginia University	104,748	116	82	84,985	123	86
Private	Woods Hole Oceanographic Institution	104,223	117	35	99,964	114	34
Private	Yale University	387,644	28	11	354,243	29	11
Private	Yeshiva University	177,236	80	26	157,124	83	26

2001 — Total Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Total Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Total Research x \$1000	1999 — National Rank	1999 — Control Rank
174,782	63	42	158,861	62	42	149,002	61	41
33,535	169	121	29,590	176	126	24,372	182	131
157,520	70	48	136,023	77	52	131,046	71	48
60,695	135	96	51,547	140	101	54,205	133	94
27,008	190	136	24,215	192	137	20,170	202	145
59,229	137	98	56,248	131	92	47,939	137	97
87,879	116	80	72,108	118	82	57,613	128	89
156,619	72	50	133,980	79	53	115,850	81	54
303,576	30	18	269,072	32	20	252,767	32	20
19,692	211	154	17,343	214	156	16,999	212	152
46,096	149	41	34,524	164	47	30,483	166	45
90,704	113	78	95,068	100	70	79,568	107	75
57,991	140	101	55,834	133	94	62,517	122	85
36,881	164	118	35,934	160	115	32,695	161	117
469,852	9	3	430,389	10	3	383,569	12	4
348,792	24	15	294,809	28	17	249,477	33	21
23,913	198	141	21,373	201	144	17,114	211	151
50,835	147	107	48,135	145	106	44,452	145	105
234,261	41	15	197,335	46	16	177,126	45	17
109,973	95	67	104,398	93	63	105,835	87	58
171,550	65	43	145,397	69	46	123,961	76	51
340,597	26	10	300,445	26	10	280,741	23	8
20,286	208	151	17,706	213	155	16,211	214	154
111,710	92	64	112,495	88	59	111,251	84	55
295,104	32	20	272,811	31	19	258,122	30	18
125,439	84	56	119,587	85	56	105,307	88	59
115,154	90	62	103,824	94	64	87,804	97	67
212,746	47	31	182,196	54	36	155,126	56	37
102,722	100	70	97,896	97	67	93,580	95	65
222,376	44	29	189,216	50	33	165,520	51	33
197,597	52	35	187,661	52	35	153,843	57	38
75,597	122	85	63,391	128	89	64,049	119	82
149,547	76	53	140,416	73	50	131,138	70	47
589,626	5	4	529,342	5	4	482,659	4	3
604,143	3	2	554,361	2	1	499,688	3	2
41,632	158	114	43,094	150	110	47,197	139	99
40,889	160	115	37,502	157	112	34,095	159	115
121,359	86	58	103,161	95	65	95,364	94	64
186,504	57	20	171,926	57	19	149,675	60	20
99,180	104	72	88,220	108	76	79,785	106	74
216,323	45	30	192,672	49	32	169,250	48	31
98,343	105	33	86,840	109	33	82,827	103	32
99,302	102	71	104,796	92	62	96,943	93	63
406,642	16	5	362,216	17	5	315,606	20	7
175,984	62	41	156,814	64	44	146,832	63	43
71,311	126	88	66,130	124	85	63,392	120	83
91,029	112	35	81,547	113	34	71,722	115	35
321,514	27	11	296,706	27	11	274,050	26	11
148,230	78	25	139,618	74	24	111,771	82	28

Federal Research Expenditures		2003 — Federal Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Federal Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	30,343	161	113	10,710	220	159
Public	Arizona State University - Tempe	71,741	104	68	64,407	103	67
Public	Auburn University	45,374	130	90	42,432	123	85
Private	Baylor College of Medicine	302,764	16	9	259,475	19	11
Private	Boston College	22,907	182	54	22,827	169	51
Private	Boston University	203,947	34	17	171,438	40	19
Private	Brandeis University	33,722	154	47	29,006	153	47
Private	Brown University	81,445	96	34	68,215	98	34
Private	California Institute of Technology	219,097	29	13	199,944	27	12
Private	Carnegie Mellon University	157,583	51	21	137,967	51	21
Private	Case Western Reserve University	205,452	33	16	181,888	33	16
Private	Charles R. Drew University of Medicine and Science	39,407	139	43	39,259	130	41
Public	Clemson University	62,552	110	73	47,174	118	81
Public	College of William and Mary	21,992	185	130	18,007	186	131
Public	Colorado State University	117,151	64	40	112,650	61	37
Private	Columbia University	385,529	9	4	356,749	8	4
Private	Cornell University	212,991	30	14	178,581	36	18
Private	Cornell University Weill Medical College	108,360	68	26	91,997	71	26
Private	Dartmouth College	106,034	72	27	87,255	77	28
Public	Desert Research Institute	23,265	179	126	22,760	170	119
Private	Drexel University	49,271	125	39	30,232	150	46
Private	Duke University	306,864	15	8	261,356	18	10
Private	Emory University	228,255	27	12	186,083	31	14
Public	Florida International University	40,860	135	93	32,057	143	99
Public	Florida State University	87,985	87	59	70,456	96	63
Public	George Mason University	38,510	141	98	31,890	145	101
Private	George Washington University	68,959	107	37	58,729	104	37
Private	Georgetown University	83,745	92	31	87,087	78	29
Public	Georgia Institute of Technology	203,582	35	18	165,680	42	23
Public	Georgia State University	22,218	184	129	18,967	184	129
Private	Harvard University	348,620	13	7	336,607	10	5
Private	Howard University	36,137	148	45	33,949	136	42
Public	Indiana University - Bloomington	61,450	111	74	53,104	109	72
Public	Indiana University-Purdue University - Indianapolis	92,175	85	57	79,655	83	54
Public	Iowa State University	82,297	94	62	71,419	95	62
Public	Jackson State University	25,607	175	125	21,721	176	124
Private	Johns Hopkins University	1,106,971	1	1	1,022,510	1	1
Public	Kansas State University	53,313	119	82	43,988	122	84
Private	Loma Linda University	22,675	183	55	20,114	181	54
Public	Louisiana State University - Baton Rouge	48,656	126	87	52,784	110	73
Public	Louisiana State University Health Sciences Center	35,908	150	105	30,749	149	104
Private	Loyola University Chicago	28,107	167	49	27,678	156	48
Private	Massachusetts Institute of Technology	356,206	12	6	330,409	11	6
Public	Medical College of Georgia	28,280	166	118	23,317	168	118
Private	Medical College of Wisconsin	83,026	93	32	76,241	92	32
Public	Medical University of South Carolina	92,893	84	56	75,803	93	61

2001 — Federal Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Federal Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Federal Research x \$1000	1999 — National Rank	1999 — Control Rank
8,883	225	160	7,056	242	173	8,558	219	153
56,616	100	65	49,935	101	65	53,905	91	59
40,097	121	83	31,515	124	83	27,058	131	88
234,394	18	10	193,249	24	12	141,111	30	13
20,123	171	53	16,673	170	54	14,492	175	52
150,771	38	19	133,730	39	19	123,390	39	19
30,031	136	43	26,444	141	47	29,423	124	43
58,367	97	35	49,943	100	36	45,276	101	37
193,554	27	12	196,877	20	11	195,303	17	10
97,463	62	25	91,191	64	26	90,408	56	23
158,852	32	15	150,586	31	15	140,178	32	14
27,415	143	47	21,969	153	50	22,212	149	48
48,560	109	71	31,304	125	84	27,064	130	87
15,288	187	131	13,031	191	134	11,892	196	137
101,308	58	34	101,429	54	31	91,943	55	33
317,928	7	4	283,163	8	5	240,158	11	6
158,708	33	16	151,716	29	13	154,963	27	12
81,758	72	27	78,156	70	27	79,829	66	27
69,844	84	32	56,369	93	33	46,741	98	36
22,018	166	115	19,923	161	110	16,552	165	114
20,159	170	52	14,292	185	57	12,914	187	56
218,109	21	11	204,180	19	10	186,757	20	11
170,317	29	13	144,914	34	17	132,816	36	17
23,940	153	104	20,296	159	108	15,757	169	118
57,075	99	64	56,830	92	60	55,666	86	54
25,992	146	98	20,669	158	107	19,492	157	108
51,757	105	38	49,627	102	37	49,944	94	34
93,626	66	26	98,836	56	24	83,972	64	26
143,836	42	22	126,164	42	22	112,861	43	23
13,575	196	137	12,090	198	139	14,310	177	125
300,414	11	6	281,699	9	6	266,019	8	5
27,848	142	46	25,292	146	49	21,658	150	49
46,712	110	72	43,031	109	71	40,905	106	68
70,069	83	52	64,546	83	51	61,357	78	49
62,024	93	59	59,976	89	57	54,179	90	58
22,750	161	110	10,690	211	150	7,925	223	157
879,741	1	1	793,266	1	1	770,580	1	1
33,998	129	88	31,185	126	85	28,102	127	84
19,462	173	54	18,811	165	52	12,217	193	58
65,291	89	57	44,504	107	69	37,291	108	70
20,818	169	118	28,482	133	91	24,150	139	96
26,474	145	48	20,695	157	51	17,588	162	50
304,319	9	5	306,668	7	4	308,921	5	3
21,116	168	117	15,210	181	125	13,991	180	127
64,003	92	34	55,034	94	34	47,087	97	35
60,543	95	61	41,432	110	72	30,997	119	79

Federal Research Expenditures		2003 — Federal Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Federal Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	24,195	177	52	20,453	179	53
Public	Michigan State University	133,820	56	34	122,595	54	32
Public	Mississippi State University	79,837	98	64	77,521	91	60
Public	Montana State University - Bozeman	53,283	120	83	39,986	127	88
Private	Morehouse School of Medicine	24,382	176	51	21,919	175	52
Private	Mount Sinai School of Medicine	152,719	52	22	125,979	53	22
Public	New Jersey Institute of Technology	30,535	160	112	27,550	158	110
Public	New Mexico State University - Las Cruces	75,368	101	66	70,314	97	64
Private	New York Medical College	23,387	178	53	19,318	183	55
Private	New York University	166,033	49	20	149,995	47	20
Public	North Carolina State University	96,157	79	51	91,981	72	46
Public	North Dakota State University	37,940	143	100	21,414	178	126
Private	Northeastern University	26,895	171	50	24,295	165	50
Private	Northwestern University	200,316	37	19	178,607	35	17
Public	Ohio State University - Columbus	198,488	38	19	177,883	37	19
Public	Ohio University - Athens	20,406	187	132	17,677	189	133
Public	Oklahoma State University - Stillwater	37,748	145	102	31,100	148	103
Public	Oregon Health & Science University	164,221	50	30	130,231	52	31
Public	Oregon State University	100,499	76	48	91,683	74	47
Public	Pennsylvania State University - Hershey Medical Ctr	30,109	162	114	28,471	155	108
Public	Pennsylvania State University - University Park	270,985	21	10	256,235	20	9
Private	Princeton University	104,011	74	28	97,724	68	25
Public	Purdue University - West Lafayette	129,199	59	36	107,477	64	40
Private	Rensselaer Polytechnic Institute	32,295	158	48	26,490	161	49
Private	Rice University	43,706	131	41	39,739	129	40
Private	Rockefeller University	75,303	102	36	67,559	99	35
Private	Rush University	49,834	124	38	44,756	120	38
Public	Rutgers the State University of NJ - New Brunswick	94,393	81	53	81,172	82	53
Private	Saint Louis University - St. Louis	36,989	146	44	31,215	147	45
Public	San Diego State University	28,084	168	119	25,223	163	114
Private	Stanford University	483,540	4	2	426,620	4	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	29,127	163	115	25,495	162	113
Public	Stony Brook University	112,452	65	41	108,122	63	39
Private	Syracuse University	34,559	152	46	32,704	141	44
Public	Temple University	51,309	123	86	44,577	121	83
Public	Texas A&M University	177,119	46	27	163,488	43	24
Public	Texas A&M University System Health Sciences Center	26,729	172	122	22,417	172	121
Public	Texas Tech University	23,165	181	128	20,390	180	127
Private	Thomas Jefferson University	85,348	89	29	79,217	85	30
Private	Tufts University	78,942	99	35	73,236	94	33
Private	Tulane University	82,118	95	33	64,824	102	36
Public	University at Albany	76,038	100	65	40,497	125	87
Public	University at Buffalo	129,794	58	35	121,376	55	33
Public	University of Alabama - Birmingham	245,217	24	13	216,221	24	13
Public	University of Alabama - Huntsville	35,558	151	106	35,660	135	94
Public	University of Alabama - Tuscaloosa	26,241	173	123	26,900	160	112

2001 — Federal Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Federal Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Federal Research x \$1000	1999 — National Rank	1999 — Control Rank
14,822	190	57	9,192	217	63	9,192	213	64
112,359	51	30	97,112	58	33	89,835	57	34
65,493	88	56	53,808	95	61	46,528	99	63
34,857	125	85	30,564	128	87	26,231	134	91
18,127	179	56	15,419	180	56	12,948	186	55
109,344	55	23	98,188	57	25	84,624	62	25
18,530	176	122	17,381	169	116	21,127	151	102
61,124	94	60	57,073	91	59	56,875	83	52
18,344	178	55	17,975	167	53	14,029	179	53
129,897	46	21	117,163	46	21	111,124	45	21
95,875	64	39	77,328	71	44	66,310	74	46
15,207	189	133	15,463	179	124	12,308	192	135
23,532	157	50	26,916	139	45	22,776	148	47
158,129	34	17	150,238	32	16	132,647	37	18
161,092	31	17	132,219	40	21	135,216	34	19
12,898	200	140	11,695	202	143	10,544	204	142
25,636	150	101	24,770	147	98	23,179	146	101
111,671	53	31	109,165	49	28	95,655	52	30
84,854	71	45	80,398	68	42	81,649	65	39
24,595	152	103	29,390	131	89	23,893	141	98
221,356	20	10	196,684	21	10	175,212	24	13
78,620	75	28	74,681	73	28	72,974	70	28
98,151	60	36	92,010	62	37	95,708	51	29
25,894	148	49	25,555	145	48	22,803	147	46
35,682	124	40	35,144	121	39	35,012	112	39
55,362	102	37	45,211	105	38	45,010	102	38
37,301	123	39	32,573	122	40	31,119	118	40
68,669	85	53	70,943	76	48	67,341	73	45
28,117	141	45	26,453	140	46	23,722	144	44
23,621	156	107	22,802	152	103	19,724	156	107
384,468	4	2	367,083	3	2	353,947	3	2
22,860	160	109	22,860	151	102	21,053	152	103
93,265	67	41	96,641	59	34	93,937	53	31
30,036	135	42	29,620	130	42	30,050	122	42
41,643	118	80	38,213	115	77	29,734	123	81
149,382	39	20	149,639	33	17	149,151	28	16
18,384	177	123	14,321	184	128	NA		
17,230	182	126	16,111	177	122	15,184	173	122
64,881	90	33	67,448	77	29	56,369	84	32
71,669	81	31	64,677	82	32	62,836	76	29
55,669	101	36	52,080	97	35	50,779	93	33
46,671	111	73	62,059	87	55	46,242	100	64
96,595	63	38	96,410	60	35	85,490	60	36
194,625	26	15	175,309	28	16	165,223	25	14
30,625	132	91	25,939	144	97	25,166	135	92
22,183	165	114	19,486	164	113	17,601	161	112

Federal Research Expenditures		2003 — Federal Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Federal Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	72,607	103	67	66,169	100	65
Public	University of Arizona	259,074	23	12	211,772	26	15
Public	University of Arkansas - Fayetteville	27,071	170	121	27,588	157	109
Public	University of Arkansas for Medical Sciences	41,681	133	92	27,491	159	111
Public	University of California - Berkeley	238,206	25	14	217,297	23	12
Public	University of California - Davis	208,327	31	17	176,644	38	20
Public	University of California - Irvine	133,873	55	33	115,548	59	36
Public	University of California - Los Angeles	421,174	5	3	366,762	6	3
Public	University of California - Riverside	40,409	137	95	32,305	142	98
Public	University of California - San Diego	400,100	7	4	359,383	7	4
Public	University of California - San Francisco	371,697	10	6	327,393	12	6
Public	University of California - Santa Barbara	88,422	86	58	78,370	87	56
Public	University of California - Santa Cruz	38,213	142	99	32,901	140	97
Public	University of Central Florida	47,749	128	89	29,929	151	105
Private	University of Chicago	201,129	36	18	183,830	32	15
Public	University of Cincinnati - Cincinnati	185,261	42	23	150,166	46	27
Public	University of Colorado - Boulder	192,750	41	22	190,661	30	17
Public	University of Colorado Health Sciences Center	181,412	44	25	146,400	48	28
Public	University of Connecticut - Health Center	58,060	117	80	41,063	124	86
Public	University of Connecticut - Storrs	53,593	118	81	52,263	111	74
Private	University of Dayton	47,327	129	40	40,191	126	39
Public	University of Delaware	69,493	106	70	48,183	117	80
Public	University of Florida	194,958	40	21	167,108	41	22
Public	University of Georgia	93,884	82	54	78,086	89	58
Public	University of Hawaii - Manoa	143,580	54	32	110,882	62	38
Public	University of Houston - University Park	32,556	156	109	31,455	146	102
Public	University of Idaho	42,861	132	91	33,465	138	96
Public	University of Illinois - Chicago	168,063	48	29	143,183	49	29
Public	University of Illinois - Urbana-Champaign	266,487	22	11	214,323	25	14
Public	University of Iowa	197,260	39	20	180,743	34	18
Public	University of Kansas - Lawrence	53,072	121	84	49,184	116	79
Public	University of Kansas Medical Center	37,804	144	101	33,479	137	95
Public	University of Kentucky	120,003	63	39	100,426	66	42
Public	University of Louisville	39,924	138	96	38,978	132	91
Public	University of Maine - Orono	28,901	164	116	23,732	167	117
Public	University of Maryland - Baltimore	126,156	61	37	117,017	58	35
Public	University of Maryland - Baltimore County	34,164	153	107	29,376	152	106
Public	University of Maryland - College Park	183,206	43	24	194,095	29	16
Public	University of Massachusetts - Amherst	60,839	112	75	54,770	107	70
Public	University of Massachusetts Medical Sch - Worcester	109,082	66	42	93,992	70	45
Public	University of Medicine & Dentistry of New Jersey	105,495	73	46	90,235	75	48
Private	University of Miami	130,863	57	23	121,171	56	23
Public	University of Michigan - Ann Arbor	516,818	3	2	444,255	3	2
Public	University of Minnesota - Twin Cities	293,266	19	8	295,301	15	8
Public	University of Mississippi - Oxford	40,577	136	94	39,214	131	90
Public	University of Mississippi Medical Center	21,563	186	131	11,581	213	153

2001 — Federal Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Federal Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Federal Research x \$1000	1999 — National Rank	1999 — Control Rank
55,287	103	66	46,605	104	67	34,647	113	74
199,484	23	12	187,161	25	13	178,126	23	12
23,172	158	108	20,778	156	106	15,851	168	117
34,219	127	87	29,962	129	88	26,392	132	89
208,080	22	11	208,338	18	9	191,025	19	9
154,937	37	19	141,740	35	18	124,463	38	20
101,735	57	33	88,274	65	39	75,505	67	40
312,858	8	4	274,162	11	5	251,999	9	4
25,713	149	100	21,085	155	105	19,994	155	106
343,276	6	3	326,037	5	3	292,007	6	3
277,489	13	6	248,878	13	6	233,181	12	6
76,828	78	49	80,754	67	41	74,026	69	42
29,201	140	96	25,959	143	96	25,084	136	93
22,342	164	113	13,801	188	131	16,048	167	116
155,566	35	18	140,872	36	18	135,720	33	15
128,049	47	26	110,296	48	27	100,325	50	28
172,840	28	16	178,777	27	15	140,959	31	18
132,716	44	24	119,590	45	25	101,044	49	27
39,907	122	84	37,702	118	80	31,633	117	78
30,106	134	93	28,442	134	92	23,863	142	99
34,102	128	41	31,717	123	41	30,755	120	41
41,830	117	79	37,716	117	79	34,628	114	75
135,421	43	23	120,374	44	24	122,296	41	22
66,913	87	55	62,678	86	54	56,080	85	53
97,716	61	37	95,419	61	36	93,418	54	32
21,876	167	116	21,365	154	104	20,443	154	105
26,548	144	97	23,014	150	101	24,263	138	95
125,109	49	28	101,943	52	30	86,406	59	35
195,316	24	13	193,490	23	12	185,767	21	10
155,249	36	18	140,764	37	19	122,638	40	21
43,951	114	76	40,114	111	73	33,176	116	77
30,543	133	92	28,836	132	90	24,096	140	97
86,239	69	43	73,858	74	46	66,184	75	47
25,116	151	102	17,713	168	115	15,536	171	120
23,873	154	105	24,412	148	99	19,163	158	109
99,091	59	35	91,212	63	38	84,516	63	38
23,695	155	106	20,244	160	109	15,624	170	119
145,515	41	21	136,605	38	20	145,081	29	17
49,576	106	68	44,712	106	68	39,877	107	69
79,453	73	46	64,212	85	53	55,516	87	55
86,054	70	44	75,318	72	45	61,730	77	48
111,803	52	22	106,633	51	22	101,883	48	22
396,117	3	2	364,033	4	2	334,226	4	2
264,289	15	8	229,958	15	7	207,761	15	7
40,416	119	81	19,711	163	112	7,319	231	164
-	604	371	8,396	225	160	2,633	301	208

Federal Research Expenditures		2003 — Federal Research x \$1000	2003 — National Rank	2003 — Control Rank	2002 — Federal Research x \$1000	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Missouri - Columbia	84,211	91	61	77,742	90	59
Public	University of Montana - Missoula	27,220	169	120	22,612	171	120
Public	University of Nebraska - Lincoln	60,005	114	77	51,405	113	76
Public	University of Nebraska Medical Center	33,433	155	108	28,602	154	107
Public	University of Nevada - Las Vegas	32,511	157	110	22,367	174	123
Public	University of Nevada - Reno	47,756	127	88	39,958	128	89
Public	University of New Hampshire - Durham	59,463	115	78	50,829	114	77
Public	University of New Mexico - Albuquerque	106,541	70	44	104,252	65	41
Public	University of North Carolina - Chapel Hill	280,678	20	9	254,571	21	10
Public	University of North Dakota	28,336	165	117	25,004	164	115
Private	University of Notre Dame	41,220	134	42	33,285	139	43
Public	University of Oklahoma - Norman	36,153	147	103	37,470	133	92
Public	University of Oklahoma Health Sciences Center	39,165	140	97	31,918	144	100
Public	University of Oregon	36,127	149	104	37,177	134	93
Private	University of Pennsylvania	415,631	6	3	397,587	5	3
Public	University of Pittsburgh - Pittsburgh	345,625	14	7	306,913	13	7
Public	University of Puerto Rico - Medical Sciences	25,845	174	124	23,931	166	116
Public	University of Rhode Island	51,942	122	85	45,453	119	82
Private	University of Rochester	208,148	32	15	195,298	28	13
Public	University of South Carolina - Columbia	63,044	109	72	53,403	108	71
Public	University of South Florida	106,102	71	45	84,108	79	50
Private	University of Southern California	300,195	17	10	266,645	17	9
Public	University of Southern Mississippi	31,653	159	111	22,398	173	122
Public	University of Tennessee - Knoxville	100,486	77	49	88,344	76	49
Public	University of Texas - Austin	231,996	26	15	219,158	22	11
Public	University of Texas Health Science Center - Houston	107,481	69	43	98,676	67	43
Public	University of Texas Health Science Ctr - San Antonio	86,683	88	60	83,761	80	51
Public	University of Texas MD Anderson Cancer Center	122,869	62	38	117,633	57	34
Public	University of Texas Medical Branch - Galveston	93,039	83	55	78,100	88	57
Public	University of Texas SW Medical Center - Dallas	177,196	45	26	155,258	44	25
Public	University of Utah	152,112	53	31	142,625	50	30
Public	University of Vermont	70,832	105	69	58,280	105	68
Public	University of Virginia	173,442	47	28	152,358	45	26
Public	University of Washington - Seattle	565,602	2	1	487,059	2	1
Public	University of Wisconsin - Madison	396,231	8	5	345,003	9	5
Public	University of Wyoming	23,186	180	127	20,017	182	128
Public	US Naval Postgraduate School	58,463	116	79	52,172	112	75
Public	Utah State University	95,494	80	52	79,393	84	55
Private	Vanderbilt University	221,979	28	16	172,858	39	21
Public	Virginia Commonwealth University	81,201	97	63	65,028	101	66
Public	Virginia Polytechnic Institute and State University	98,143	78	50	82,976	81	52
Private	Wake Forest University	108,467	67	25	91,738	73	27
Public	Washington State University - Pullman	63,800	108	71	55,593	106	69
Private	Washington University in St. Louis	357,364	11	5	303,441	14	7
Public	Wayne State University	102,963	75	47	95,910	69	44
Public	West Virginia University	60,586	113	76	49,394	115	78
Private	Woods Hole Oceanographic Institution	84,410	90	30	78,458	86	31
Private	Yale University	296,713	18	11	274,304	16	8
Private	Yeshiva University	128,894	60	24	114,268	60	24

2001 — Federal Research x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Federal Research x \$1000	2000 — National Rank	2000 — Control Rank	1999 — Federal Research x \$1000	1999 — National Rank	1999 — Control Rank
68,435	86	54	65,420	80	49	53,875	92	60
19,194	175	121	18,378	166	114	14,627	174	123
43,877	115	77	37,831	116	78	36,977	109	71
22,497	162	111	19,878	162	111	17,167	164	113
15,681	185	129	13,815	187	130	10,248	206	144
31,386	131	90	26,267	142	95	24,587	137	94
45,223	112	74	38,921	113	75	30,586	121	80
109,505	54	32	100,442	55	32	84,976	61	37
221,615	19	9	194,794	22	11	182,935	22	11
15,743	184	128	13,880	186	129	13,615	184	131
29,801	138	44	27,362	138	44	23,614	145	45
34,350	126	86	36,931	119	81	29,370	125	82
25,914	147	99	23,611	149	100	28,219	126	83
32,232	130	89	30,793	127	86	27,336	129	86
351,996	5	3	312,434	6	3	279,013	7	4
268,571	14	7	228,155	16	8	194,618	18	8
19,433	174	120	16,657	171	117	13,971	181	128
43,161	116	78	38,538	114	76	36,207	110	72
166,945	30	14	150,593	30	14	132,852	35	16
51,983	104	67	51,872	98	63	48,490	95	61
58,826	96	62	50,557	99	64	42,005	105	67
246,207	17	9	210,872	17	9	199,619	16	9
18,061	180	124	15,084	182	126	14,124	178	126
48,739	108	70	44,467	108	70	42,112	104	66
195,184	25	14	178,889	26	14	164,913	26	15
88,545	68	42	79,665	69	43	71,288	71	43
71,153	82	51	65,251	81	50	56,904	82	51
94,053	65	40	81,872	66	40	69,413	72	44
64,682	91	58	61,357	88	56	55,061	88	56
131,820	45	25	109,165	49	28	101,996	47	26
127,253	48	27	124,344	43	23	111,716	44	24
48,810	107	69	39,861	112	74	36,085	111	73
122,868	50	29	115,684	47	26	108,495	46	25
435,103	2	1	389,622	2	1	368,112	2	1
304,009	10	5	278,629	10	4	249,212	10	5
20,017	172	119	16,556	173	119	19,109	159	110
40,121	120	82	36,476	120	82	33,308	115	76
74,251	80	50	57,378	90	58	54,433	89	57
146,230	40	20	129,986	41	20	116,887	42	20
57,315	98	63	52,137	96	62	48,175	96	62
77,384	77	48	71,127	75	47	75,386	68	41
78,021	76	29	65,585	79	31	60,293	79	30
43,989	113	75	48,441	103	66	44,610	103	65
284,928	12	7	254,148	12	7	218,598	13	7
79,448	74	47	64,320	84	52	57,610	81	50
29,440	139	95	28,013	135	93	26,264	133	90
75,670	79	30	67,036	78	30	59,534	80	31
250,702	16	8	232,019	14	8	213,404	14	8
107,800	56	24	101,631	53	23	89,680	58	24

Research by Major Discipline		2003 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	Alabama A&M University	71.6%	14.7%	0.0%	3.9%	0.0%	4.5%
Public	Arizona State University - Tempe	22.0%	13.7%	7.5%	35.4%	3.2%	1.5%
Public	Auburn University	61.1%	3.5%	1.0%	28.7%	0.4%	0.2%
Private	Baylor College of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Boston College	13.7%	25.6%	1.6%	0.0%	0.4%	38.6%
Private	Boston University	67.7%	10.9%	1.6%	9.4%	0.9%	0.7%
Private	Brandeis University	48.7%	10.5%	0.0%	0.0%	4.2%	0.9%
Private	Brown University	52.3%	8.5%	5.0%	16.7%	5.5%	5.1%
Private	California Institute of Technology	15.1%	51.9%	5.7%	16.6%	4.3%	0.8%
Private	Carnegie Mellon University	3.8%	7.3%	0.0%	29.1%	46.5%	1.6%
Private	Case Western Reserve University	73.9%	4.4%	0.2%	12.4%	0.0%	0.1%
Private	Charles R. Drew University of Medicine and Science	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Clemson University	31.4%	6.6%	0.0%	42.2%	1.3%	1.4%
Public	College of William and Mary	5.1%	19.0%	69.0%	0.0%	2.5%	0.6%
Public	Colorado State University	51.4%	5.3%	22.9%	10.0%	0.6%	1.0%
Private	Columbia University	68.8%	8.0%	11.9%	5.4%	2.1%	0.3%
Private	Cornell University	42.0%	22.1%	1.7%	17.8%	7.4%	0.9%
Private	Cornell University Weill Medical College	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Dartmouth College	66.2%	3.0%	1.6%	13.9%	3.6%	0.3%
Public	Desert Research Institute	0.0%	0.0%	77.5%	0.0%	0.0%	0.0%
Private	Drexel University	44.6%	3.7%	0.0%	46.8%	4.1%	0.0%
Private	Duke University	83.4%	3.2%	2.4%	4.8%	1.1%	0.4%
Private	Emory University	94.4%	3.7%	0.0%	0.0%	0.0%	0.2%
Public	Florida International University	18.9%	6.6%	2.7%	29.5%	2.5%	0.1%
Public	Florida State University	17.4%	32.1%	12.7%	17.0%	3.1%	1.5%
Public	George Mason University	17.4%	0.9%	18.6%	20.9%	9.7%	8.1%
Private	George Washington University	45.4%	2.7%	0.5%	19.8%	3.4%	19.4%
Private	Georgetown University	91.1%	5.5%	0.0%	0.0%	0.2%	0.1%
Public	Georgia Institute of Technology	3.8%	6.7%	4.1%	64.0%	14.2%	2.1%
Public	Georgia State University	33.0%	15.2%	1.0%	0.0%	3.3%	0.5%
Private	Harvard University	76.9%	8.9%	3.6%	2.7%	0.3%	0.5%
Private	Howard University	67.0%	9.4%	0.0%	10.7%	4.9%	0.3%
Public	Indiana University - Bloomington	62.4%	10.2%	1.8%	1.0%	3.1%	1.0%
Public	Indiana University-Purdue University - Indianapolis	62.4%	10.2%	1.8%	1.0%	3.1%	1.0%
Public	Iowa State University	49.4%	5.3%	2.5%	23.0%	2.9%	3.6%
Public	Jackson State University	22.4%	15.9%	12.9%	1.3%	12.8%	5.6%
Private	Johns Hopkins University	44.3%	10.9%	2.9%	31.1%	5.3%	2.1%
Public	Kansas State University	63.7%	9.9%	0.6%	15.9%	1.7%	0.7%
Private	Loma Linda University	99.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Louisiana State University - Baton Rouge	62.1%	6.9%	9.3%	14.1%	0.9%	0.6%
Public	Louisiana State University Health Sciences Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Loyola University Chicago	94.6%	1.7%	0.1%	0.0%	0.1%	0.2%
Private	Massachusetts Institute of Technology	15.7%	19.9%	5.7%	40.3%	9.3%	1.1%
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%

			2003 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
0.0%	1.4%	3.9%	73.1%	16.7%	0.0%	4.7%	0.0%	5.4%	0.0%	0.0%	0.0%
5.7%	7.2%	3.8%	15.0%	15.1%	14.5%	33.1%	4.1%	2.2%	10.0%	3.7%	2.2%
0.2%	1.9%	3.1%	42.6%	7.2%	1.0%	37.6%	0.0%	0.3%	0.6%	2.7%	8.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.7%	17.4%	0.0%	13.2%	29.9%	2.0%	0.0%	0.6%	38.6%	2.8%	13.0%	0.0%
2.8%	0.5%	5.5%	66.3%	11.5%	1.6%	9.7%	1.0%	0.7%	3.0%	0.4%	5.7%
5.1%	30.7%	0.0%	55.4%	12.2%	0.0%	0.0%	5.3%	1.1%	6.3%	19.7%	0.0%
1.8%	5.0%	0.0%	55.9%	7.4%	4.8%	17.0%	5.7%	5.0%	1.9%	2.3%	0.0%
0.0%	0.7%	4.8%	15.6%	55.5%	5.0%	16.9%	4.8%	0.8%	0.0%	0.8%	0.7%
6.0%	5.4%	0.4%	3.8%	6.1%	0.0%	28.3%	48.9%	1.7%	6.1%	5.1%	0.0%
0.4%	1.1%	7.5%	82.6%	4.3%	0.2%	11.5%	0.0%	0.1%	0.5%	0.8%	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%
0.6%	6.7%	9.9%	22.8%	9.2%	0.0%	57.2%	1.1%	0.9%	1.1%	7.6%	0.0%
0.9%	3.1%	0.0%	5.2%	26.1%	60.9%	0.0%	4.5%	1.0%	0.5%	1.8%	0.0%
1.8%	4.9%	2.1%	47.9%	6.2%	27.3%	8.7%	0.8%	1.1%	2.4%	5.0%	0.7%
0.9%	2.2%	0.4%	68.2%	8.7%	12.8%	4.7%	2.3%	0.4%	0.9%	1.7%	0.4%
1.9%	6.0%	0.0%	40.9%	26.3%	1.5%	18.4%	7.3%	1.1%	1.3%	3.2%	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%
3.6%	0.5%	7.4%	65.3%	2.7%	1.2%	15.3%	3.7%	0.2%	3.7%	0.3%	7.5%
0.0%	0.0%	22.5%	0.0%	0.0%	73.9%	0.0%	0.0%	0.0%	0.0%	0.0%	26.1%
0.7%	0.0%	0.0%	45.2%	4.3%	0.0%	45.5%	4.1%	0.0%	0.9%	0.0%	0.0%
0.6%	4.2%	0.0%	79.6%	4.6%	2.1%	5.9%	1.7%	0.5%	0.8%	4.9%	0.0%
0.9%	0.7%	0.0%	95.5%	2.9%	0.0%	0.0%	0.0%	0.3%	1.0%	0.3%	0.0%
1.9%	16.4%	21.3%	18.9%	6.6%	2.7%	29.5%	2.5%	0.1%	1.9%	16.4%	21.3%
4.2%	11.9%	0.2%	18.5%	29.6%	12.9%	24.0%	3.2%	1.4%	3.2%	7.3%	0.0%
6.1%	18.2%	0.0%	14.6%	0.6%	21.6%	23.5%	11.0%	8.8%	5.5%	14.3%	0.0%
1.3%	7.5%	0.1%	39.5%	3.2%	0.3%	21.9%	4.2%	24.8%	1.6%	4.6%	0.0%
0.7%	2.4%	0.0%	91.2%	5.2%	0.0%	0.0%	0.2%	0.1%	0.7%	2.6%	0.0%
1.4%	2.8%	1.0%	3.1%	7.0%	4.0%	65.9%	13.6%	1.8%	1.6%	1.7%	1.3%
20.9%	25.4%	0.6%	33.9%	14.5%	1.0%	0.0%	2.7%	0.5%	30.0%	17.4%	0.0%
1.6%	5.5%	0.0%	78.0%	9.7%	3.7%	2.8%	0.4%	0.6%	1.8%	3.0%	0.0%
6.8%	0.9%	0.0%	67.4%	9.2%	0.0%	10.3%	4.8%	0.3%	7.1%	0.9%	0.0%
3.4%	10.5%	6.7%	72.7%	11.4%	0.9%	0.4%	3.5%	1.3%	5.0%	4.8%	0.1%
3.4%	10.5%	6.7%	72.7%	11.4%	0.9%	0.4%	3.5%	1.3%	5.0%	4.8%	0.1%
0.4%	7.3%	5.7%	44.6%	8.0%	4.0%	27.2%	2.1%	3.4%	0.1%	9.7%	0.9%
5.1%	1.9%	22.2%	22.5%	16.1%	13.0%	1.2%	13.0%	5.2%	5.1%	1.9%	22.0%
0.3%	0.4%	2.7%	40.6%	12.1%	3.1%	34.1%	5.8%	2.3%	0.4%	0.2%	1.5%
0.9%	3.7%	2.9%	52.6%	19.4%	0.6%	16.1%	3.2%	0.5%	1.3%	3.4%	3.0%
0.0%	0.3%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.4%	5.1%	3.7%	32.3%	20.5%	12.7%	28.2%	0.9%	0.8%	0.6%	4.0%	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%
2.3%	1.0%	0.0%	95.9%	1.1%	0.1%	0.0%	0.1%	0.2%	2.4%	0.2%	0.0%
0.3%	1.3%	6.4%	17.1%	26.3%	6.2%	37.6%	7.5%	1.2%	0.4%	0.5%	3.4%
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%

Research by Major Discipline		2003 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
Private	Meharry Medical College	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Michigan State University	63.3%	15.7%	0.7%	7.5%	1.3%	1.0%
Public	Mississippi State University	48.6%	3.3%	3.8%	36.2%	1.6%	0.6%
Public	Montana State University - Bozeman	58.7%	14.3%	1.3%	13.6%	0.2%	0.5%
Private	Morehouse School of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Mount Sinai School of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	New Jersey Institute of Technology	0.1%	9.3%	0.0%	61.4%	5.4%	2.3%
Public	New Mexico State University - Las Cruces	23.5%	8.6%	0.6%	60.4%	2.9%	0.2%
Private	New York Medical College	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	New York University	80.0%	3.6%	0.3%	0.0%	3.5%	3.1%
Public	North Carolina State University	47.3%	7.5%	5.4%	29.5%	1.6%	4.4%
Public	North Dakota State University	57.4%	13.8%	0.3%	12.1%	1.2%	0.1%
Private	Northeastern University	17.5%	26.2%	0.0%	38.5%	4.4%	0.9%
Private	Northwestern University	66.7%	8.1%	0.3%	17.0%	0.9%	0.3%
Public	Ohio State University - Columbus	51.4%	6.6%	1.9%	21.8%	5.3%	1.7%
Public	Ohio University - Athens	25.4%	15.6%	2.3%	45.3%	0.9%	0.2%
Public	Oklahoma State University - Stillwater	56.0%	8.9%	2.0%	19.9%	0.6%	0.7%
Public	Oregon Health & Science University	84.3%	0.0%	0.0%	0.0%	10.2%	0.0%
Public	Oregon State University	56.9%	2.3%	22.5%	14.1%	1.2%	0.9%
Public	Pennsylvania State University - Hershey Medical Ctr	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Pennsylvania State University - University Park	25.5%	12.0%	9.0%	38.2%	3.6%	1.4%
Private	Princeton University	18.7%	15.9%	9.6%	29.1%	4.0%	2.4%
Public	Purdue University - West Lafayette	47.1%	6.8%	1.0%	32.4%	3.1%	1.3%
Private	Rensselaer Polytechnic Institute	1.6%	10.6%	4.9%	74.5%	3.7%	3.2%
Private	Rice University	15.0%	29.5%	2.5%	22.5%	20.3%	6.8%
Private	Rockefeller University	92.2%	3.3%	0.0%	0.0%	2.9%	1.6%
Private	Rush University	97.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Rutgers the State University of NJ - New Brunswick	49.8%	9.7%	9.6%	12.1%	2.3%	3.5%
Private	Saint Louis University - St. Louis	96.8%	0.2%	2.0%	0.0%	0.0%	0.4%
Public	San Diego State University	38.8%	5.6%	5.4%	14.3%	0.9%	2.4%
Private	Stanford University	55.2%	13.1%	1.7%	23.2%	2.8%	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	53.6%	14.5%	10.0%	12.5%	2.8%	3.2%
Private	Syracuse University	7.7%	10.5%	4.5%	24.2%	12.7%	1.1%
Public	Temple University	59.3%	12.2%	0.2%	5.3%	0.9%	0.4%
Public	Texas A&M University	35.1%	7.2%	18.7%	32.9%	1.3%	2.1%
Public	Texas A&M University System Health Sciences Center	97.0%	0.0%	1.1%	1.7%	0.0%	0.0%
Public	Texas Tech University	26.2%	12.9%	16.4%	29.4%	1.9%	1.2%
Private	Thomas Jefferson University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Tufts University	81.6%	3.3%	0.7%	6.1%	0.4%	0.5%
Private	Tulane University	83.2%	3.3%	1.1%	6.8%	0.0%	1.3%
Public	University at Albany	60.2%	2.2%	4.5%	19.6%	2.4%	0.2%
Public	University at Buffalo	71.1%	6.7%	0.5%	13.9%	3.5%	0.7%
Public	University of Alabama - Birmingham	92.4%	0.9%	0.0%	3.2%	0.3%	0.1%
Public	University of Alabama - Huntsville	4.8%	20.8%	14.8%	45.1%	13.5%	0.6%
Public	University of Alabama - Tuscaloosa	11.3%	11.0%	6.9%	50.3%	7.0%	0.3%

			2003 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
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.1%	8.2%	0.3%	55.4%	22.7%	0.4%	6.0%	1.8%	1.7%	3.1%	8.7%	0.4%
1.1%	3.0%	1.9%	32.1%	1.7%	6.7%	52.5%	1.7%	0.2%	1.0%	2.3%	1.8%
0.0%	3.0%	8.5%	48.9%	20.7%	1.8%	13.4%	0.2%	0.8%	0.0%	2.6%	11.5%
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%	0.7%	20.9%	0.0%	14.6%	0.0%	67.0%	3.2%	3.1%	0.0%	0.0%	12.1%
1.5%	2.1%	0.2%	15.2%	11.0%	0.2%	65.1%	3.7%	0.2%	2.0%	2.3%	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%
5.5%	3.3%	0.8%	77.7%	4.8%	0.0%	0.0%	3.8%	4.1%	6.9%	2.5%	0.3%
0.0%	3.0%	1.3%	41.3%	9.5%	6.2%	30.5%	3.6%	5.8%	0.0%	2.5%	0.7%
1.1%	9.1%	4.9%	24.3%	29.3%	0.3%	20.7%	2.1%	0.2%	2.2%	14.7%	6.3%
6.6%	5.9%	0.0%	18.7%	30.9%	0.0%	37.0%	5.2%	1.2%	5.6%	1.4%	0.0%
1.3%	3.3%	2.0%	66.2%	8.9%	0.4%	18.3%	1.0%	0.4%	1.7%	1.7%	1.5%
1.7%	8.1%	1.4%	58.9%	9.0%	2.7%	16.0%	1.3%	1.6%	2.6%	7.6%	0.3%
4.8%	2.8%	2.7%	16.6%	19.9%	2.2%	52.9%	0.0%	0.0%	6.2%	1.4%	0.7%
0.4%	8.3%	3.2%	42.0%	13.7%	1.6%	26.8%	1.4%	0.7%	0.1%	8.7%	4.9%
5.4%	0.0%	0.0%	83.6%	0.0%	0.0%	0.0%	10.2%	0.0%	6.2%	0.0%	0.0%
0.0%	1.6%	0.5%	44.4%	3.0%	32.2%	16.1%	1.3%	1.3%	0.0%	1.0%	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%
3.6%	5.5%	1.3%	20.8%	14.8%	8.7%	40.8%	5.2%	1.6%	3.8%	3.6%	0.7%
4.3%	15.9%	0.0%	22.7%	18.7%	10.8%	30.5%	4.5%	2.8%	5.4%	4.6%	0.0%
1.9%	4.8%	1.7%	42.0%	11.4%	1.6%	32.3%	4.0%	2.3%	2.6%	3.4%	0.4%
0.0%	1.5%	0.0%	1.7%	11.4%	6.1%	70.7%	3.5%	4.5%	0.0%	2.1%	0.0%
1.8%	1.6%	0.0%	15.8%	29.4%	2.8%	20.2%	20.1%	8.0%	2.1%	1.6%	0.0%
0.0%	0.0%	0.0%	93.0%	5.3%	0.0%	0.0%	0.9%	0.8%	0.0%	0.0%	0.0%
2.4%	0.0%	0.0%	97.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	0.0%	0.0%
3.9%	8.5%	0.5%	48.4%	12.4%	11.3%	13.2%	2.7%	4.9%	4.5%	2.7%	0.0%
0.1%	0.2%	0.2%	97.0%	0.2%	2.1%	0.0%	0.0%	0.4%	0.1%	0.2%	0.0%
13.5%	8.8%	10.4%	49.8%	5.9%	6.4%	16.3%	0.2%	2.6%	17.5%	1.1%	0.2%
1.1%	2.0%	0.0%	53.6%	14.7%	1.5%	24.3%	2.9%	1.1%	1.1%	0.7%	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%
1.9%	1.5%	0.0%	53.8%	17.0%	10.8%	9.2%	3.0%	3.1%	2.3%	0.8%	0.0%
4.7%	6.3%	28.1%	9.6%	13.9%	3.2%	21.5%	11.0%	1.1%	6.6%	4.8%	28.1%
16.2%	5.4%	0.0%	58.8%	15.3%	0.2%	4.7%	0.7%	0.5%	15.8%	3.9%	0.0%
0.6%	1.2%	0.9%	26.0%	9.1%	34.0%	22.5%	1.9%	4.6%	1.1%	0.9%	0.0%
0.3%	0.0%	0.0%	94.6%	0.0%	2.2%	2.7%	0.0%	0.0%	0.5%	0.0%	0.0%
0.6%	10.4%	1.0%	16.0%	14.4%	31.3%	29.7%	2.1%	1.7%	1.1%	3.8%	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%
3.2%	4.1%	0.0%	86.8%	3.8%	0.2%	6.0%	0.5%	0.6%	1.8%	0.3%	0.0%
0.3%	4.0%	0.0%	80.3%	3.1%	1.2%	7.9%	0.0%	1.6%	0.2%	5.7%	0.0%
1.5%	9.6%	0.0%	82.9%	1.8%	4.2%	0.3%	3.0%	0.2%	1.5%	6.1%	0.0%
2.1%	1.5%	0.1%	71.8%	6.4%	0.5%	14.7%	3.0%	0.4%	2.1%	1.0%	0.0%
2.6%	0.5%	0.0%	92.5%	0.8%	0.0%	3.2%	0.3%	0.1%	2.6%	0.6%	0.0%
0.1%	0.2%	0.2%	3.8%	20.8%	14.4%	45.4%	14.8%	0.7%	0.0%	0.0%	0.0%
7.5%	5.7%	0.1%	12.3%	9.2%	7.5%	51.5%	5.5%	0.2%	9.3%	4.6%	0.0%

Research by Major Discipline		2003 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 Alaska - Fairbanks	19.8%	0.5%	58.1%	8.8%	9.3%	0.0%
Public	University of Arizona	54.7%	24.3%	2.4%	11.1%	1.2%	0.9%
Public	University of Arkansas - Fayetteville	63.1%	11.0%	4.3%	15.6%	0.9%	0.4%
Public	University of Arkansas for Medical Sciences	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Berkeley	34.5%	16.4%	2.0%	30.0%	0.5%	1.3%
Public	University of California - Davis	75.5%	3.7%	5.9%	9.3%	0.8%	0.4%
Public	University of California - Irvine	66.4%	9.6%	2.2%	10.4%	4.4%	0.9%
Public	University of California - Los Angeles	72.3%	8.5%	1.9%	7.0%	2.1%	0.6%
Public	University of California - Riverside	54.8%	7.7%	10.7%	11.0%	1.9%	0.6%
Public	University of California - San Diego	50.7%	6.6%	18.1%	10.2%	10.7%	0.4%
Public	University of California - San Francisco	95.7%	4.3%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Santa Barbara	3.0%	18.1%	16.3%	37.6%	8.2%	1.0%
Public	University of California - Santa Cruz	17.3%	42.5%	21.4%	6.4%	4.8%	0.9%
Public	University of Central Florida	9.7%	23.8%	14.0%	27.3%	0.0%	0.3%
Private	University of Chicago	77.3%	14.7%	1.7%	0.1%	1.6%	1.4%
Public	University of Cincinnati - Cincinnati	82.9%	2.5%	0.1%	11.2%	0.0%	0.3%
Public	University of Colorado - Boulder	12.4%	29.0%	30.4%	14.4%	2.7%	1.1%
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	35.5%	8.1%	9.9%	21.6%	2.1%	0.9%
Private	University of Dayton	0.9%	0.6%	0.3%	97.7%	0.3%	0.0%
Public	University of Delaware	23.1%	16.1%	11.7%	34.1%	1.7%	0.7%
Public	University of Florida	68.8%	7.1%	1.5%	15.9%	0.8%	1.6%
Public	University of Georgia	69.3%	3.9%	4.4%	2.6%	0.9%	2.0%
Public	University of Hawaii - Manoa	35.7%	10.9%	25.3%	4.9%	10.8%	0.0%
Public	University of Houston - University Park	20.1%	9.3%	2.2%	38.2%	5.8%	3.7%
Public	University of Idaho	63.0%	3.8%	6.6%	16.1%	1.8%	0.4%
Public	University of Illinois - Chicago	72.2%	4.5%	0.7%	5.8%	4.2%	2.0%
Public	University of Illinois - Urbana-Champaign	26.8%	9.7%	7.7%	23.3%	22.5%	0.9%
Public	University of Iowa	78.8%	6.0%	0.8%	10.0%	0.2%	0.5%
Public	University of Kansas - Lawrence	50.9%	7.6%	10.7%	15.1%	3.4%	0.7%
Public	University of Kansas Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Kentucky	68.8%	3.4%	1.2%	14.6%	1.4%	0.7%
Public	University of Louisville	80.6%	2.4%	0.7%	8.9%	0.3%	0.1%
Public	University of Maine - Orono	33.5%	7.9%	31.0%	16.2%	1.6%	0.2%
Public	University of Maryland - Baltimore	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Maryland - Baltimore County	8.4%	16.0%	37.7%	23.7%	1.4%	2.2%
Public	University of Maryland - College Park	18.7%	17.8%	3.8%	25.6%	9.9%	1.0%
Public	University of Massachusetts - Amherst	29.2%	25.4%	3.8%	17.0%	14.4%	2.7%
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	67.9%	1.5%	23.0%	1.3%	0.0%	0.1%
Public	University of Michigan - Ann Arbor	55.5%	4.8%	1.2%	21.7%	0.9%	0.5%
Public	University of Minnesota - Twin Cities	73.2%	5.1%	2.3%	9.9%	2.3%	1.2%
Public	University of Mississippi - Oxford	42.1%	35.0%	0.0%	14.0%	0.5%	0.1%
Public	University of Mississippi Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

			2003 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
0.0%	1.0%	2.4%	18.9%	0.4%	61.8%	8.1%	6.4%	0.0%	0.0%	1.1%	3.3%
0.8%	4.5%	0.0%	54.8%	24.2%	2.7%	10.7%	1.5%	1.2%	1.0%	3.9%	0.0%
0.7%	4.0%	0.0%	48.6%	22.5%	7.1%	17.7%	0.0%	0.8%	0.3%	3.0%	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%
2.3%	10.1%	3.0%	37.0%	24.5%	2.2%	27.0%	0.9%	2.1%	3.4%	2.8%	0.2%
0.3%	3.5%	0.6%	74.5%	6.6%	6.0%	9.0%	0.9%	0.8%	0.3%	1.5%	0.4%
1.9%	4.2%	0.0%	68.9%	11.0%	2.3%	8.0%	3.6%	1.2%	2.4%	2.6%	0.0%
1.4%	4.9%	1.3%	71.1%	9.3%	2.6%	9.6%	2.3%	0.9%	1.9%	1.8%	0.5%
1.6%	9.0%	2.8%	44.5%	16.7%	11.4%	10.0%	4.4%	0.6%	4.1%	8.3%	0.0%
1.1%	2.0%	0.2%	50.9%	7.8%	17.9%	8.1%	12.5%	0.4%	1.4%	1.1%	0.0%
0.0%	0.0%	0.0%	93.9%	6.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5.5%	8.0%	2.2%	4.0%	22.4%	13.5%	36.3%	10.5%	0.8%	6.6%	5.6%	0.3%
1.6%	5.2%	0.0%	18.5%	40.9%	21.0%	7.5%	7.3%	0.9%	2.1%	1.8%	0.0%
2.7%	10.3%	11.9%	13.9%	26.1%	15.4%	20.1%	0.1%	0.4%	5.0%	7.7%	11.3%
2.3%	1.0%	0.0%	74.2%	16.2%	2.0%	0.1%	2.0%	1.5%	2.8%	1.2%	0.0%
0.5%	1.2%	1.4%	90.4%	1.5%	0.1%	7.3%	0.0%	0.1%	0.1%	0.5%	0.0%
4.4%	5.2%	0.6%	13.1%	29.6%	31.5%	12.6%	2.6%	1.0%	4.4%	4.7%	0.5%
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%
12.4%	9.1%	0.3%	34.9%	8.7%	10.9%	19.8%	2.1%	1.0%	15.9%	6.6%	0.1%
0.1%	0.0%	0.0%	0.5%	0.5%	0.2%	98.6%	0.1%	0.0%	0.0%	0.0%	0.0%
2.0%	5.5%	5.0%	14.7%	18.7%	13.0%	38.9%	2.1%	0.8%	2.5%	5.8%	3.5%
1.8%	2.5%	0.0%	61.0%	9.6%	1.9%	19.7%	1.5%	2.2%	3.2%	1.0%	0.0%
4.4%	12.5%	0.0%	75.2%	4.4%	5.0%	1.2%	0.4%	1.5%	8.5%	3.9%	0.0%
0.1%	3.3%	9.1%	34.9%	12.4%	23.6%	5.2%	13.5%	0.0%	0.0%	2.8%	7.5%
5.2%	15.4%	0.0%	30.4%	10.0%	2.3%	21.4%	7.3%	5.9%	5.1%	17.5%	0.0%
0.1%	3.4%	4.7%	57.0%	4.7%	7.6%	20.7%	2.7%	0.2%	0.1%	2.1%	4.9%
2.1%	5.3%	3.1%	74.1%	5.3%	0.6%	4.7%	5.4%	2.5%	2.4%	4.1%	1.0%
2.3%	5.7%	1.1%	20.3%	11.9%	4.9%	24.9%	31.9%	1.0%	2.5%	1.5%	1.0%
1.7%	1.8%	0.2%	83.0%	7.1%	0.6%	5.7%	0.2%	0.6%	2.3%	0.5%	0.0%
1.1%	8.6%	1.9%	57.5%	9.7%	4.4%	15.1%	0.5%	1.0%	2.1%	7.9%	1.8%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2%	3.4%	5.4%	66.6%	4.4%	1.1%	13.8%	2.0%	1.2%	2.2%	2.7%	5.9%
3.1%	2.7%	1.0%	77.5%	4.0%	0.6%	9.3%	0.5%	0.0%	5.1%	1.2%	1.7%
1.1%	5.6%	2.8%	28.2%	9.7%	39.7%	14.5%	1.6%	0.3%	2.4%	3.7%	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%
3.5%	7.2%	0.0%	10.0%	18.6%	46.5%	16.4%	1.1%	2.5%	2.8%	2.2%	0.0%
1.3%	21.9%	0.0%	16.0%	23.4%	4.8%	26.1%	11.2%	0.8%	2.1%	15.6%	0.0%
4.5%	2.3%	0.7%	31.9%	27.5%	2.9%	12.0%	15.4%	3.1%	5.8%	1.2%	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%
5.5%	0.7%	0.0%	60.6%	1.9%	28.1%	1.1%	0.0%	0.2%	7.3%	0.9%	0.0%
1.3%	13.9%	0.0%	55.2%	4.9%	0.9%	22.3%	0.8%	0.6%	1.8%	13.4%	0.0%
2.5%	3.7%	0.0%	71.9%	6.7%	2.0%	9.3%	3.0%	1.5%	2.9%	2.7%	0.0%
0.4%	4.6%	7.4%	36.9%	37.3%	0.0%	14.7%	0.5%	0.0%	0.2%	4.2%	6.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Research by Major Discipline		2003 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 Missouri - Columbia	74.0%	2.2%	0.9%	10.6%	0.7%	0.6%
Public	University of Montana - Missoula	64.6%	5.8%	1.2%	0.0%	1.8%	2.3%
Public	University of Nebraska - Lincoln	50.2%	6.6%	4.4%	14.2%	2.5%	1.3%
Public	University of Nebraska Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Nevada - Las Vegas	14.2%	14.9%	39.6%	14.6%	4.6%	0.1%
Public	University of Nevada - Reno	56.9%	9.9%	10.5%	8.4%	1.1%	0.8%
Public	University of New Hampshire - Durham	25.4%	4.3%	43.4%	18.4%	0.3%	0.1%
Public	University of New Mexico - Albuquerque	54.2%	5.6%	2.5%	14.7%	1.7%	0.6%
Public	University of North Carolina - Chapel Hill	78.0%	5.5%	5.0%	0.0%	2.6%	0.4%
Public	University of North Dakota	29.7%	2.0%	12.5%	48.8%	0.7%	0.0%
Private	University of Notre Dame	18.9%	28.8%	0.0%	23.9%	3.2%	2.1%
Public	University of Oklahoma - Norman	8.2%	14.6%	28.1%	17.9%	3.0%	0.6%
Public	University of Oklahoma Health Sciences Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Oregon	48.3%	19.0%	3.8%	1.0%	6.0%	0.9%
Private	University of Pennsylvania	79.9%	4.5%	0.1%	3.9%	2.0%	0.4%
Public	University of Pittsburgh - Pittsburgh	86.6%	4.1%	0.2%	3.8%	0.9%	0.3%
Public	University of Puerto Rico - Medical Sciences	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Rhode Island	26.9%	1.2%	46.5%	8.7%	0.5%	0.0%
Private	University of Rochester	69.1%	4.2%	0.3%	20.5%	0.9%	0.1%
Public	University of South Carolina - Columbia	34.2%	12.4%	15.8%	21.6%	1.1%	1.8%
Public	University of South Florida	65.2%	1.5%	12.8%	10.1%	0.7%	0.0%
Private	University of Southern California	54.6%	2.5%	4.7%	12.4%	20.9%	0.8%
Public	University of Southern Mississippi	13.6%	23.0%	41.2%	6.3%	3.3%	0.1%
Public	University of Tennessee - Knoxville	58.2%	5.7%	2.4%	18.1%	5.4%	0.3%
Public	University of Texas - Austin	12.8%	21.3%	8.7%	35.2%	8.4%	4.5%
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	90.0%	2.3%	0.0%	0.6%	0.0%	4.7%
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%	8.2%	2.0%	13.5%	7.7%	0.6%
Public	University of Vermont	90.4%	1.5%	0.5%	2.1%	0.0%	1.3%
Public	University of Virginia	68.8%	7.4%	1.3%	15.4%	2.9%	0.3%
Public	University of Washington - Seattle	69.3%	4.9%	12.1%	8.3%	1.3%	0.6%
Public	University of Wisconsin - Madison	62.4%	6.6%	6.2%	13.2%	1.8%	0.6%
Public	University of Wyoming	46.2%	8.8%	13.4%	10.9%	0.5%	0.2%
Public	US Naval Postgraduate School	0.0%	5.4%	18.6%	16.0%	22.5%	5.5%
Public	Utah State University	28.7%	2.7%	7.0%	50.5%	0.5%	0.4%
Private	Vanderbilt University	77.6%	5.1%	0.1%	8.7%	0.0%	0.2%
Public	Virginia Commonwealth University	85.2%	4.0%	0.5%	4.7%	0.1%	0.1%
Public	Virginia Polytechnic Institute and State University	44.3%	5.9%	4.1%	38.9%	2.1%	1.0%
Private	Wake Forest University	98.2%	1.3%	0.0%	0.0%	0.0%	0.2%
Public	Washington State University - Pullman	61.3%	7.7%	2.1%	17.3%	0.1%	0.5%
Private	Washington University in St. Louis	90.8%	2.8%	1.0%	2.2%	1.2%	0.1%
Public	Wayne State University	79.8%	7.5%	0.1%	6.9%	0.7%	0.2%
Public	West Virginia University	57.2%	6.4%	6.0%	26.7%	0.4%	0.4%
Private	Woods Hole Oceanographic Institution	0.0%	0.0%	82.8%	17.2%	0.0%	0.0%
Private	Yale University	85.5%	5.5%	0.8%	3.1%	1.4%	0.3%
Private	Yeshiva University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

			2003 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
4.1%	6.9%	0.0%	74.3%	2.8%	1.2%	9.5%	1.3%	1.1%	4.6%	5.2%	0.0%
1.4%	11.7%	11.2%	75.4%	6.6%	1.6%	0.0%	2.3%	2.3%	2.1%	9.8%	0.0%
4.2%	7.4%	9.1%	47.8%	12.9%	5.4%	11.0%	4.4%	1.3%	8.0%	6.3%	2.8%
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%	12.0%	0.0%	15.3%	13.8%	41.5%	13.7%	5.2%	0.1%	0.0%	10.5%	0.0%
0.8%	1.7%	10.0%	59.5%	13.7%	12.2%	10.0%	1.6%	1.2%	1.1%	0.6%	0.0%
0.5%	6.2%	1.4%	17.2%	5.5%	56.1%	14.3%	0.4%	0.1%	0.8%	5.5%	0.1%
4.1%	7.4%	9.3%	55.3%	6.9%	3.2%	17.1%	2.4%	0.8%	4.3%	5.7%	4.3%
1.7%	6.9%	0.0%	78.0%	5.9%	4.3%	0.0%	2.7%	0.4%	2.0%	6.7%	0.0%
0.1%	0.2%	6.0%	35.4%	2.0%	16.4%	43.8%	0.9%	0.0%	0.0%	0.1%	1.5%
5.6%	5.5%	12.1%	20.5%	38.6%	0.0%	23.5%	4.2%	2.9%	6.9%	2.6%	1.0%
12.8%	14.8%	0.0%	6.0%	15.2%	34.0%	13.8%	0.4%	0.3%	14.3%	16.1%	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%
13.2%	7.8%	0.0%	48.0%	19.0%	3.6%	0.1%	7.3%	1.0%	15.3%	5.6%	0.0%
0.9%	7.1%	1.2%	83.4%	5.1%	0.0%	3.5%	2.3%	0.5%	1.1%	3.4%	0.7%
1.7%	1.4%	1.0%	86.7%	4.2%	0.2%	3.0%	1.0%	0.4%	1.9%	1.4%	1.2%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
8.9%	0.2%	7.1%	25.9%	1.3%	51.1%	8.3%	0.4%	0.0%	8.7%	0.2%	4.0%
4.1%	0.3%	0.5%	65.8%	4.9%	0.3%	23.2%	1.1%	0.2%	3.9%	0.4%	0.3%
4.4%	6.5%	2.1%	34.2%	11.5%	15.0%	25.6%	1.2%	1.8%	4.6%	5.8%	0.2%
6.8%	2.0%	0.8%	56.9%	1.7%	20.9%	10.1%	1.1%	0.1%	7.0%	2.1%	0.0%
1.5%	2.1%	0.5%	51.0%	2.1%	4.1%	13.5%	25.8%	0.8%	1.6%	1.0%	0.1%
0.9%	0.9%	10.7%	14.5%	19.1%	43.9%	6.7%	3.6%	0.1%	0.6%	1.0%	10.4%
0.1%	3.9%	5.9%	63.0%	8.7%	2.9%	15.4%	6.6%	0.5%	0.2%	0.7%	2.1%
2.1%	5.9%	1.3%	13.5%	22.0%	4.5%	34.5%	11.1%	5.0%	2.8%	5.1%	1.5%
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%
2.5%	0.1%	0.0%	88.3%	4.0%	0.0%	0.7%	0.0%	3.5%	3.3%	0.1%	0.0%
0.0%	0.0%	0.0%	98.5%	0.0%	0.0%	1.5%	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%	0.8%	0.0%	68.4%	8.1%	1.9%	11.4%	7.9%	0.8%	1.3%	0.2%	0.0%
1.0%	0.1%	3.0%	91.2%	1.6%	0.5%	1.6%	0.0%	1.1%	0.6%	0.1%	3.3%
3.1%	0.7%	0.1%	69.3%	7.8%	1.4%	13.8%	3.2%	0.4%	3.4%	0.6%	0.1%
1.3%	2.2%	0.0%	69.4%	4.7%	13.6%	7.8%	1.4%	0.6%	1.4%	1.1%	0.0%
3.6%	5.5%	0.0%	53.8%	8.3%	9.2%	15.4%	2.5%	0.7%	5.3%	4.9%	0.0%
2.7%	3.0%	14.3%	50.8%	10.9%	17.1%	7.4%	0.7%	0.1%	4.8%	2.9%	5.3%
0.0%	21.3%	10.7%	0.0%	5.3%	17.6%	15.8%	23.1%	5.8%	0.0%	21.5%	11.0%
1.6%	2.0%	6.5%	21.2%	3.3%	3.1%	68.5%	0.5%	0.5%	1.2%	0.8%	1.0%
3.8%	2.0%	2.6%	80.7%	4.8%	0.1%	8.9%	0.0%	0.3%	3.3%	1.9%	0.0%
4.0%	1.3%	0.0%	85.9%	3.5%	0.4%	5.0%	0.0%	0.2%	4.0%	1.0%	0.0%
1.2%	2.6%	0.0%	36.3%	8.3%	7.4%	40.0%	2.8%	1.5%	2.0%	1.6%	0.0%
0.0%	0.0%	0.3%	98.5%	1.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
1.0%	7.2%	2.8%	57.3%	12.7%	2.9%	18.6%	0.0%	1.0%	1.9%	4.0%	1.7%
0.7%	1.0%	0.3%	91.5%	2.9%	0.8%	1.9%	1.0%	0.2%	0.6%	1.1%	0.0%
1.8%	2.8%	0.3%	81.8%	6.8%	0.0%	6.8%	0.6%	0.3%	2.4%	1.3%	0.0%
0.4%	1.5%	1.0%	48.7%	8.8%	7.1%	32.3%	0.2%	0.5%	0.4%	1.2%	0.8%
0.0%	0.0%	0.0%	0.0%	0.0%	83.0%	17.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.6%	1.7%	0.0%	86.9%	6.0%	0.9%	2.7%	1.4%	0.4%	1.4%	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		2004 — Endowment Assets x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Endowment Assets x \$1000	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	NR			NR		
Public	Arizona State University - Tempe	247,892	177	66	221,179	169	61
Public	Auburn University	269,029	165	59	224,287	167	60
Private	Baylor College of Medicine	972,351	50	35	833,644	50	35
Private	Boston College	1,150,148	40	29	968,511	43	31
Private	Boston University	694,051	69	48	620,300	66	48
Private	Brandeis University	467,727	103	70	407,824	104	71
Private	Brown University	1,647,295	26	20	1,461,327	25	20
Private	California Institute of Technology	1,261,122	36	26	1,151,148	32	24
Private	Carnegie Mellon University	768,990	60	43	654,678	61	44
Private	Case Western Reserve University	1,441,819	29	22	1,289,274	27	21
Private	Charles R. Drew University of Medicine and Science	26,000	630	423	NR		
Public	Clemson University	264,868	169	62	213,448	173	62
Public	College of William and Mary	409,872	118	38	354,906	116	36
Public	Colorado State University	123,524	292	107	103,797	295	105
Private	Columbia University	4,493,085	7	7	4,343,151	6	6
Private	Cornell University	2,654,312	18	15	2,340,912	17	15
Private	Cornell University Weill Medical College	584,038	80	56	513,859	81	57
Private	Dartmouth College	2,454,293	19	16	2,121,183	18	16
Public	Desert Research Institute	NR			NR		
Private	Drexel University	424,346	112	77	349,948	117	81
Private	Duke University	3,313,859	14	12	3,017,261	14	12
Private	Emory University	4,535,587	6	6	4,019,766	7	7
Public	Florida International University	71,879	380	132	52,880	424	141
Public	Florida State University	412,020	116	37	333,750	121	39
Public	George Mason University	37,500	542	177	NR		
Private	George Washington University	733,801	65	45	634,100	65	47
Private	Georgetown University	680,611	71	50	591,042	71	51
Public	Georgia Institute of Technology	1,117,634	42	12	1,021,481	39	11
Public	Georgia State University	61,512	411	144	51,131	431	144
Private	Harvard University	22,143,649	1	1	18,849,491	1	1
Private	Howard University	371,160	125	84	317,110	125	84
Public	Indiana University - Bloomington	526,608	87	28	489,355	86	27
Public	Indiana University-Purdue University - Indianapolis	486,099	97	32	423,481	94	31
Public	Iowa State University	400,621	119	39	339,330	120	38
Public	Jackson State University	NR			NR		
Private	Johns Hopkins University	2,055,542	22	19	1,714,541	23	19
Public	Kansas State University	206,095	197	71	168,206	203	74
Private	Loma Linda University	NR			124,771	259	164
Public	Louisiana State University - Baton Rouge	257,804	171	63	227,232	165	59
Public	Louisiana State University Health Sciences Center	58,927	421	145	58,788	399	133
Private	Loyola University Chicago	228,130	186	118	188,545	189	120
Private	Massachusetts Institute of Technology	5,865,212	5	5	5,133,613	5	5
Public	Medical College of Georgia	96,618	335	120	80,022	346	120
Private	Medical College of Wisconsin	372,535	124	83	55,963	409	271
Public	Medical University of South Carolina	82,173	360	125	69,950	371	126

2002 — Endowment Assets x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
NR			NR			NR		
205,660	181	67	207,062	181	66	216,823	187	71
232,884	165	61	258,965	158	54	238,170	172	62
885,915	48	33	984,150	44	32	1,044,685	41	29
964,313	45	31	1,003,832	43	31	1,044,542	42	30
578,473	76	53	664,581	65	48	913,207	50	36
384,335	109	73	397,046	106	76	406,722	106	76
1,412,364	24	20	1,434,212	26	20	1,416,052	29	22
1,145,551	32	24	1,365,798	28	22	1,471,645	27	21
667,807	63	44	756,930	57	42	829,121	59	42
1,347,054	26	21	1,434,000	27	21	1,550,600	26	20
2,200	739	469	2,200	685	426	2,200	703	433
200,989	183	69	214,398	180	65	236,348	176	65
357,012	115	38	367,510	113	35	398,936	112	32
97,274	305	107	103,130	309	106	104,777	315	107
4,238,162	7	7	4,292,793	7	7	4,263,972	7	7
2,340,068	17	15	2,584,135	17	15	2,775,220	17	15
513,674	84	58	567,249	78	56	609,195	78	57
2,186,610	18	16	2,414,231	18	16	2,490,376	18	16
NR			NR			NR		
293,738	134	86	237,413	169	109	244,576	169	110
2,927,478	15	13	3,131,375	15	13	3,232,049	14	12
4,551,873	6	6	4,315,872	6	6	5,028,407	6	6
48,246	443	146	47,683	449	145	NR		
325,098	126	44	328,988	126	42	288,500	152	52
NR			NR			NR		
621,110	68	48	713,060	62	46	737,647	65	47
606,718	70	49	685,473	63	47	745,398	64	46
1,073,443	38	12	1,093,622	39	10	1,141,666	36	10
46,195	451	147	57,074	419	138	52,350	444	144
17,169,757	1	1	17,950,843	1	1	18,844,338	1	1
312,739	129	84	324,019	129	86	308,972	143	97
497,115	85	27	479,918	86	24	499,105	87	25
430,196	96	31	415,314	104	30	381,134	119	37
335,927	123	41	338,505	125	41	410,704	104	30
NR			NR			NR		
1,695,150	22	19	1,822,713	22	19	1,825,212	22	19
172,307	199	73	184,774	197	72	188,054	206	76
121,888	267	171	127,324	272	177	129,836	267	175
202,000	182	68	184,000	198	73	189,813	205	75
52,716	426	139	42,319	475	153	21,840	592	202
192,500	186	116	282,900	144	96	341,700	131	89
5,359,423	5	5	6,134,712	5	5	6,475,506	5	5
76,244	353	121	82,657	346	115	91,225	332	112
54,627	416	279	59,141	411	275	65,307	397	267
69,829	370	126	75,880	366	123	81,408	361	120

Endowment Assets		2004 — Endowment Assets x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Endowment Assets x \$1000	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	46,311	489	325	30,907	568	382
Public	Michigan State University	749,365	62	18	592,004	70	20
Public	Mississippi State University	171,903	223	81	154,396	220	80
Public	Montana State University - Bozeman	67,409	392	137	52,089	428	142
Private	Morehouse School of Medicine	32,154	577	390	25,577	616	417
Private	Mount Sinai School of Medicine	NR			NR		
Public	New Jersey Institute of Technology	49,927	465	160	42,548	480	156
Public	New Mexico State University - Las Cruces	110,020	313	115	93,410	320	112
Private	New York Medical College	56,459	436	287	52,403	426	285
Private	New York University	1,449,500	28	21	1,244,600	29	23
Public	North Carolina State University	324,189	138	47	289,060	134	46
Public	North Dakota State University	12,601	732	248	NR		
Private	Northeastern University	498,481	93	63	410,691	103	70
Private	Northwestern University	3,668,405	12	10	3,051,167	13	11
Public	Ohio State University - Columbus	1,541,175	27	7	1,216,574	30	7
Public	Ohio University - Athens	176,281	219	79	159,470	212	77
Public	Oklahoma State University - Stillwater	169,127	226	82	149,279	225	82
Public	Oregon Health & Science University	287,014	151	53	249,603	152	51
Public	Oregon State University	277,670	158	56	235,863	158	55
Public	Pennsylvania State University - Hershey Medical Ctr	158,412	238	87	128,719	253	94
Public	Pennsylvania State University - University Park	779,174	58	17	689,567	57	16
Private	Princeton University	9,928,200	3	3	8,730,100	3	3
Public	Purdue University - West Lafayette	1,207,131	38	11	1,017,667	40	12
Private	Rensselaer Polytechnic Institute	570,175	83	58	510,883	82	58
Private	Rice University	3,302,455	15	13	2,937,649	15	13
Private	Rockefeller University	1,394,736	30	23	1,278,100	28	22
Private	Rush University	340,186	134	89	293,326	132	88
Public	Rutgers the State University of NJ - New Brunswick	413,898	115	36	366,324	112	35
Private	Saint Louis University - St. Louis	702,064	67	46	645,382	62	45
Public	San Diego State University	77,305	372	129	62,342	387	130
Private	Stanford University	9,922,000	4	4	8,614,000	4	4
Public	State Univ. of New York Health Science Ctr - Brooklyn	39,122	530	173	33,958	547	182
Public	Stony Brook University	57,849	426	147	43,699	474	154
Private	Syracuse University	770,167	59	42	656,893	59	43
Public	Temple University	166,128	232	86	158,111	216	79
Public	Texas A&M University	4,023,641	9	2	3,525,114	9	1
Public	Texas A&M University System Health Sciences Center	63,846	407	142	57,421	403	136
Public	Texas Tech University	247,335	178	67	199,189	181	67
Private	Thomas Jefferson University	NR			NR		
Private	Tufts University	752,428	61	44	669,286	58	42
Private	Tulane University	692,665	70	49	606,488	68	49
Public	University at Albany	16,387	701	234	14,770	721	244
Public	University at Buffalo	428,072	111	35	138,594	236	88
Public	University of Alabama - Birmingham	285,274	153	54	242,125	155	53
Public	University of Alabama - Huntsville	22,374	653	216	18,069	680	226
Public	University of Alabama - Tuscaloosa	391,552	122	41	342,107	118	37

2002 — Endowment Assets x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
29,863	553	372	20,185	596	390	20,312	607	400
523,284	83	26	448,570	93	27	310,289	142	46
147,536	223	81	144,582	243	87	153,750	241	86
42,753	471	151	43,228	471	151	42,606	480	155
NR			NR			NR		
NR			NR			NR		
37,827	494	161	37,809	498	164	40,932	490	160
88,972	324	112	97,438	318	108	87,813	342	114
52,520	428	288	57,195	417	280	56,963	426	285
1,177,600	30	23	1,118,300	35	28	1,030,800	43	31
297,566	131	46	310,616	137	46	312,840	141	45
NR			NR			NR		
422,920	98	67	493,926	84	61	518,536	86	62
3,022,733	13	11	3,256,282	13	11	3,368,233	12	11
1,079,473	36	11	1,111,823	36	8	1,294,923	33	9
162,363	208	77	195,828	191	69	221,291	184	69
153,179	219	79	167,670	213	74	166,885	223	81
248,362	157	57	230,369	172	62	237,446	174	63
235,572	162	60	266,748	153	52	266,324	162	56
124,767	261	95	93,761	323	109	97,630	322	109
695,128	59	19	750,090	58	16	781,038	62	18
8,319,600	3	3	8,359,000	3	3	8,398,100	4	4
1,098,939	35	10	1,217,118	31	7	1,301,976	32	8
530,850	82	57	618,912	73	52	729,973	66	48
2,939,804	14	12	3,243,033	14	12	3,372,458	11	10
1,288,100	28	22	1,361,200	29	23	1,372,200	30	23
284,310	142	91	328,962	127	85	387,590	117	82
355,799	117	39	372,973	112	34	400,259	109	31
692,126	60	41	819,115	54	39	925,955	49	35
59,133	398	134	59,165	410	136	57,146	425	141
7,613,000	4	4	8,249,551	4	4	8,649,475	3	3
34,303	520	174	36,744	502	167	37,710	509	170
40,419	483	155	40,450	486	160	38,145	506	167
657,769	64	45	735,484	60	44	825,250	60	43
141,164	230	85	140,286	247	88	156,762	236	83
3,503,862	9	1	3,764,843	9	1	3,932,469	9	1
52,408	429	141	56,432	420	139	58,882	419	139
332,456	124	42	316,483	133	44	293,407	149	49
178,569	195	123	400,000	105	75	400,000	110	79
650,230	67	47	548,998	79	57	523,520	85	61
600,964	71	50	638,871	68	50	636,350	76	55
13,438	670	231	11,043	647	231	10,337	666	242
388,216	108	36	428,085	102	28	447,322	97	27
240,773	160	59	247,638	164	57	228,740	179	66
17,968	635	214	18,480	605	209	20,456	605	206
340,197	119	40	349,897	120	38	370,695	122	39

Endowment Assets		2004 — Endowment Assets x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Endowment Assets x \$1000	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	136,872	270	97	41,717	487	159
Public	University of Arizona	348,343	133	45	297,745	130	44
Public	University of Arkansas - Fayetteville	566,544	84	26	546,267	78	24
Public	University of Arkansas for Medical Sciences	70,103	384	135	40,291	496	163
Public	University of California - Berkeley	2,037,297	24	5	1,793,647	22	4
Public	University of California - Davis	76,040	375	131	58,838	398	132
Public	University of California - Irvine	147,083	254	89	123,706	260	96
Public	University of California - Los Angeles	586,839	79	24	499,139	83	25
Public	University of California - Riverside	76,691	374	130	63,886	384	129
Public	University of California - San Diego	184,187	213	77	158,989	213	78
Public	University of California - San Francisco	310,519	142	48	259,465	147	50
Public	University of California - Santa Barbara	106,340	320	116	88,346	330	117
Public	University of California - Santa Cruz	80,068	368	128	74,643	359	122
Public	University of Central Florida	71,317	383	134	54,423	417	140
Private	University of Chicago	3,620,728	13	11	3,221,851	12	10
Public	University of Cincinnati - Cincinnati	987,785	49	15	873,327	47	13
Public	University of Colorado - Boulder	249,897	176	65	193,468	184	68
Public	University of Colorado Health Sciences Center	154,936	244	88	119,950	267	98
Public	University of Connecticut - Health Center	65,000	400	139	55,395	414	139
Public	University of Connecticut - Storrs	131,971	278	101	112,468	281	100
Private	University of Dayton	304,670	145	95	258,064	148	98
Public	University of Delaware	995,889	47	14	868,065	48	14
Public	University of Florida	738,299	63	19	585,695	72	21
Public	University of Georgia	474,596	100	33	397,082	108	34
Public	University of Hawaii - Manoa	166,198	231	85	141,463	232	85
Public	University of Houston - University Park	309,944	143	49	280,399	138	47
Public	University of Idaho	144,671	257	92	130,253	251	93
Public	University of Illinois - Chicago	137,561	268	96	117,645	271	99
Public	University of Illinois - Urbana-Champaign	730,135	66	21	615,373	67	19
Public	University of Iowa	737,704	64	20	638,996	64	18
Public	University of Kansas - Lawrence	662,419	75	22	572,938	74	23
Public	University of Kansas Medical Center	178,344	217	78	161,598	211	76
Public	University of Kentucky	488,827	94	31	412,308	100	32
Public	University of Louisville	554,840	85	27	475,193	87	28
Public	University of Maine - Orono	100,588	330	118	83,114	339	118
Public	University of Maryland - Baltimore	133,655	274	99	135,757	243	89
Public	University of Maryland - Baltimore County	26,464	623	206	13,576	731	248
Public	University of Maryland - College Park	295,816	149	52	289,615	133	45
Public	University of Massachusetts - Amherst	80,469	364	127	66,746	377	127
Public	University of Massachusetts Medical Sch - Worcester	37,291	545	179	37,652	520	171
Public	University of Medicine & Dentistry of New Jersey	198,464	202	73	174,443	199	73
Private	University of Miami	472,262	102	69	411,618	102	69
Public	University of Michigan - Ann Arbor	4,163,382	8	1	3,395,225	11	2
Public	University of Minnesota - Twin Cities	1,730,063	25	6	1,336,020	26	6
Public	University of Mississippi - Oxford	308,888	144	50	273,477	141	49
Public	University of Mississippi Medical Center	58,398	422	146	60,032	394	131

2002 — Endowment Assets x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
34,837	517	171	33,402	527	175	34,264	530	177
292,380	136	50	310,174	138	47	285,356	153	53
569,859	78	25	233,858	170	61	244,125	170	60
NR			59,401	409	135	64,079	402	133
1,774,200	21	3	1,953,443	21	3	2,168,671	20	3
400,837	99	32	58,336	413	137	395,346	113	33
117,884	272	98	82,274	349	117	128,738	269	94
1,224,018	29	7	471,438	87	25	1,447,371	28	7
65,881	384	131	70,203	382	129	63,047	404	134
259,241	152	55	154,546	231	82	292,730	151	51
797,414	55	17	239,910	168	60	912,258	52	15
80,830	344	119	87,152	336	112	85,866	348	115
68,762	377	128	76,352	365	122	85,285	351	116
52,536	427	140	55,747	422	140	60,852	410	136
3,255,368	11	10	3,516,238	10	9	3,828,664	10	9
894,031	47	15	909,268	50	15	963,907	47	14
196,852	185	70	204,598	183	67	238,960	171	61
113,568	282	100	118,037	278	97	119,480	286	98
51,802	432	142	54,530	426	141	53,845	440	143
105,174	295	104	110,713	294	99	125,638	274	96
254,752	154	99	274,449	148	98	297,297	148	100
868,225	49	16	928,398	46	13	911,521	54	17
583,407	75	23	635,143	70	20	681,370	70	21
390,639	107	35	396,765	107	31	388,422	116	35
144,790	226	83	158,611	225	80	172,985	217	79
294,158	133	48	339,277	124	40	390,617	115	34
126,395	256	93	120,361	276	96	108,217	309	104
105,834	293	103	107,811	298	102	119,007	287	99
608,545	69	21	601,944	76	22	585,879	80	23
657,682	65	20	635,507	69	19	537,061	83	24
585,749	73	22	665,412	64	17	684,362	69	20
146,437	224	82	166,353	214	75	171,090	220	80
397,763	106	34	419,211	103	29	369,372	123	40
478,917	88	28	503,207	82	23	454,521	95	26
117,829	273	99	135,043	262	93	109,117	308	103
135,944	239	88	152,023	235	84	149,560	249	88
13,594	667	229	15,202	629	221	14,956	643	229
290,013	140	51	324,316	128	43	319,061	137	43
70,994	364	123	70,787	380	127	65,247	398	131
45,178	458	149	45,046	462	147	41,521	488	159
156,368	215	78	162,131	220	78	140,341	260	91
426,955	97	66	457,843	90	64	465,212	93	68
3,240,661	12	2	3,469,536	11	2	3,329,637	13	2
1,320,078	27	6	1,650,969	24	5	1,808,812	23	4
284,069	143	52	240,368	167	59	218,320	186	70
62,357	391	133	80,122	356	119	72,773	381	126

Endowment Assets		2004 — Endowment Assets x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Endowment Assets x \$1000	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Missouri - Columbia	570,866	82	25	433,936	93	30
Public	University of Montana - Missoula	86,001	357	124	79,370	349	121
Public	University of Nebraska - Lincoln	623,910	76	23	581,789	73	22
Public	University of Nebraska Medical Center	143,979	260	94	139,629	234	87
Public	University of Nevada - Las Vegas	51,341	458	155	42,301	481	157
Public	University of Nevada - Reno	56,828	432	149	44,450	466	151
Public	University of New Hampshire - Durham	166,496	230	84	141,236	233	86
Public	University of New Mexico - Albuquerque	228,680	185	68	201,486	179	65
Public	University of North Carolina - Chapel Hill	1,317,211	32	9	1,097,418	36	10
Public	University of North Dakota	NR			NR		
Private	University of Notre Dame	3,095,703	16	14	2,573,346	16	14
Public	University of Oklahoma - Norman	435,649	108	34	412,068	101	33
Public	University of Oklahoma Health Sciences Center	195,727	203	74	176,601	197	72
Public	University of Oregon	267,903	166	60	234,823	159	56
Private	University of Pennsylvania	4,018,660	10	8	3,547,473	8	8
Public	University of Pittsburgh - Pittsburgh	1,364,882	31	8	1,156,618	31	8
Public	University of Puerto Rico - Medical Sciences	NR			NR		
Public	University of Rhode Island	63,865	406	141	49,354	443	145
Private	University of Rochester	1,261,562	35	25	1,127,350	33	25
Public	University of South Carolina - Columbia	329,791	137	46	312,548	126	42
Public	University of South Florida	270,906	163	58	234,184	160	57
Private	University of Southern California	2,399,960	20	17	2,113,666	19	17
Public	University of Southern Mississippi	NR			NR		
Public	University of Tennessee - Knoxville	506,225	92	30	444,146	91	29
Public	University of Texas - Austin	2,038,938	23	4	1,640,724	24	5
Public	University of Texas Health Science Center - Houston	113,459	306	113	99,139	308	109
Public	University of Texas Health Science Ctr - San Antonio	278,385	156	55	246,573	153	52
Public	University of Texas MD Anderson Cancer Center	357,890	128	43	205,089	177	64
Public	University of Texas Medical Branch - Galveston	352,268	130	44	306,674	127	43
Public	University of Texas SW Medical Center - Dallas	804,305	55	16	656,221	60	17
Public	University of Utah	394,461	121	40	333,253	122	40
Public	University of Vermont	224,259	188	69	192,786	186	69
Public	University of Virginia	2,793,225	17	3	1,800,882	21	3
Public	University of Washington - Seattle	1,315,894	33	10	1,103,197	35	9
Public	University of Wisconsin - Madison	1,046,722	45	13	850,335	49	15
Public	University of Wyoming	194,730	206	76	149,807	224	81
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	81,333	362	126	73,372	363	124
Private	Vanderbilt University	2,296,262	21	18	2,019,139	20	18
Public	Virginia Commonwealth University	219,530	189	70	184,017	192	70
Public	Virginia Polytechnic Institute and State University	370,811	126	42	331,311	123	41
Private	Wake Forest University	812,192	54	39	725,155	54	39
Public	Washington State University - Pullman	515,571	89	29	495,623	85	26
Private	Washington University in St. Louis	4,000,823	11	9	3,470,072	10	9
Public	Wayne State University	173,623	222	80	147,845	227	83
Public	West Virginia University	303,532	147	51	275,058	140	48
Private	Woods Hole Oceanographic Institution	NR			269,300	143	94
Private	Yale University	12,747,150	2	2	11,034,600	2	2
Private	Yeshiva University	1,003,024	46	33	914,130	45	33

2002 — Endowment Assets x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Endowment Assets x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Endowment Assets x \$1000	2000 — National Rank	2000 — Control Rank
381,177	111	37	353,645	117	37	379,095	120	38
78,154	349	120	82,505	347	116	71,121	384	127
576,798	77	24	629,855	71	21	590,875	79	22
138,432	232	86	149,599	237	85	225,466	181	68
39,595	486	157	44,123	464	148	46,078	464	151
119,242	269	97	128,147	270	94	128,789	268	93
136,134	238	87	148,256	238	86	156,016	238	85
170,830	202	76	186,655	196	71	202,558	197	72
1,070,772	39	13	1,045,750	41	12	1,105,254	37	11
NR			NR			NR		
2,554,004	16	14	2,829,914	16	14	3,089,007	16	14
398,805	105	33	384,432	111	33	417,909	103	29
170,917	201	75	164,757	217	76	131,971	265	92
227,990	169	63	246,528	165	58	251,359	165	58
3,393,297	10	9	3,381,848	12	10	3,200,812	15	13
1,146,642	31	8	1,103,082	37	9	1,018,015	44	13
NR			NR			NR		
53,147	423	138	61,118	404	133	64,881	400	132
1,141,722	33	25	1,245,406	30	24	1,278,774	34	25
292,562	135	49	302,678	141	48	267,740	161	55
245,803	159	58	253,897	160	55	237,027	175	64
2,130,977	19	17	2,086,245	20	18	2,152,589	21	18
NR			NR			NR		
446,948	91	30	385,850	110	32	384,617	118	36
1,351,158	25	5	1,463,114	25	6	1,611,050	25	6
87,927	327	113	88,680	330	110	96,519	326	110
226,799	170	64	252,520	161	56	293,090	150	50
263,643	150	54	278,151	146	49	300,480	146	48
295,898	132	47	316,291	134	45	342,602	130	42
724,188	57	18	644,909	67	18	713,253	68	19
324,624	127	45	340,947	123	39	317,268	138	44
191,833	188	71	202,029	186	68	201,781	199	73
1,686,625	23	4	1,708,199	23	4	1,738,984	24	5
1,111,726	34	9	927,806	47	14	911,804	53	16
1,000,857	43	14	1,075,354	40	11	1,080,363	39	12
129,473	249	90	135,445	261	92	141,132	258	90
NR			NR			NR		
74,171	358	122	79,213	362	121	76,878	373	123
2,019,612	20	18	2,159,614	19	17	2,314,935	19	17
185,127	192	72	218,321	178	64	225,674	180	67
328,680	125	43	359,528	116	36	368,197	124	41
732,570	56	39	812,389	55	40	969,618	46	33
473,225	89	29	468,849	88	26	437,093	99	28
3,517,104	8	8	3,951,509	8	8	4,234,599	8	8
148,679	222	80	159,506	223	79	158,841	232	82
271,970	145	53	274,140	149	51	283,688	154	54
234,600	163	103	268,200	152	101	278,829	157	103
10,523,600	2	2	10,725,100	2	2	10,084,900	2	2
864,020	50	34	831,438	53	38	775,262	63	45

Annual Giving							
Institutions with Over \$20 Million In Federal Research, Alphabetically		2004 — Annual Giving x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Annual Giving x \$1000	2003 — National Rank	2003 — Control Rank
Public	Alabama A&M University	NR			NR		
Public	Arizona State University - Tempe	73,542	62	34	59,275	71	40
Public	Auburn University	50,942	93	52	44,215	96	56
Private	Baylor College of Medicine	80,906	58	27	47,971	89	40
Private	Boston College	64,344	67	30	54,716	79	36
Private	Boston University	90,239	52	26	103,360	42	20
Private	Brandeis University	64,012	71	32	72,066	58	27
Private	Brown University	94,654	51	25	82,663	51	25
Private	California Institute of Technology	108,446	44	24	124,443	32	15
Private	Carnegie Mellon University	57,889	82	37	43,377	98	41
Private	Case Western Reserve University	69,393	65	29	79,032	55	26
Private	Charles R. Drew University of Medicine and Science	NR			NR		
Public	Clemson University	36,615	124	73	37,234	123	74
Public	College of William and Mary	34,977	128	77	43,441	97	57
Public	Colorado State University	46,719	102	57	29,457	142	85
Private	Columbia University	292,977	7	7	281,498	12	7
Private	Cornell University	270,155	8	8	249,371	14	8
Private	Cornell University Weill Medical College	115,781	40	22	106,860	40	19
Private	Dartmouth College	118,644	39	21	90,371	49	23
Public	Desert Research Institute	NR			NR		
Private	Drexel University	38,451	118	48	58,019	73	32
Private	Duke University	269,012	9	9	296,827	10	6
Private	Emory University	134,322	30	15	123,528	33	16
Public	Florida International University	13,981	258	126	11,812	305	150
Public	Florida State University	45,650	104	59	62,898	66	37
Public	George Mason University	15,359	239	118	16,501	228	120
Private	George Washington University	47,218	100	45	59,344	70	31
Private	Georgetown University	108,545	43	23	83,449	50	24
Public	Georgia Institute of Technology	64,283	69	38	74,369	57	31
Public	Georgia State University	13,100	277	134	10,619	322	156
Private	Harvard University	582,584	1	1	555,639	1	1
Private	Howard University	NR			NR		
Public	Indiana University - Bloomington	59,134	79	44	49,283	87	48
Public	Indiana University-Purdue University - Indianapolis	58,136	81	45	99,336	44	24
Public	Iowa State University	53,981	89	48	47,365	90	50
Public	Jackson State University	NR			NR		
Private	Johns Hopkins University	315,663	5	5	319,547	5	4
Public	Kansas State University	54,202	88	47	44,786	95	55
Private	Loma Linda University	18,897	200	92	NR		
Public	Louisiana State University - Baton Rouge	NR			38,751	118	71
Public	Louisiana State University Health Sciences Center	NR			NR		
Private	Loyola University Chicago	20,542	188	87	23,782	168	73
Private	Massachusetts Institute of Technology	294,671	6	6	191,463	21	12
Public	Medical College of Georgia	5,068	503	202	8,028	392	173
Private	Medical College of Wisconsin	12,200	293	156	8,661	372	205
Public	Medical University of South Carolina	19,597	195	105	18,101	217	115

2002 — Annual Giving x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Annual Giving x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Annual Giving x \$1000	2000 — National Rank	2000 — Control Rank
NR			NR			NR		
60,505	81	48	79,311	59	31	69,026	67	35
38,054	115	67	60,620	77	42	37,301	120	67
79,252	57	29	95,400	48	23	92,078	48	26
56,014	90	38	50,575	91	43	48,668	94	44
90,589	49	24	85,584	56	26	73,428	63	30
63,354	72	31	61,390	76	35	61,704	76	37
85,044	54	27	79,458	58	28	93,077	45	23
113,260	42	19	83,020	57	27	117,561	33	17
36,294	118	49	71,392	63	29	71,671	65	32
100,131	46	21	180,923	24	13	109,933	38	19
NR			NR			NR		
40,039	110	64	50,458	93	50	82,929	55	28
28,584	140	84	36,836	132	79	36,092	123	70
22,820	182	100	26,255	163	93	22,465	179	96
271,231	8	6	358,683	3	3	292,268	6	6
254,122	12	9	216,631	15	10	216,073	16	11
108,910	43	20	92,842	51	25	92,603	47	25
85,927	52	26	114,913	39	20	116,128	34	18
NR			NR			NR		
23,868	170	76	34,663	134	54	24,282	167	80
264,580	9	7	264,425	11	9	302,558	5	5
210,372	19	12	297,778	6	6	101,430	41	20
10,787	311	143	20,235	206	106	NR		
61,223	77	44	67,880	67	36	68,203	68	36
18,316	207	106	22,300	187	99	14,000	265	125
48,401	99	43	32,656	138	55	40,350	108	50
78,896	58	30	94,201	49	24	92,837	46	24
78,658	59	29	120,107	37	18	107,465	40	21
10,334	324	147	15,835	258	128	12,452	281	133
477,617	2	2	683,173	1	1	485,238	2	2
NR			NR			NR		
64,269	69	39	105,297	44	23	100,797	42	22
117,520	41	23	192,543	21	10	90,718	50	24
60,720	80	47	52,019	88	47	130,022	29	14
NR			NR			NR		
318,687	5	5	347,732	5	5	304,044	4	4
37,263	117	69	44,547	106	61	40,331	109	59
24,690	164	73	24,844	174	79	27,360	153	71
61,400	76	43	50,500	92	49	33,400	129	72
9,877	338	149	6,885	478	186	NR		
22,352	184	84	25,151	173	78	19,645	202	97
220,573	17	11	199,002	20	11	238,426	11	9
5,128	529	206	6,118	512	197	9,688	348	152
17,400	217	108	16,000	256	130	17,800	217	109
30,123	135	81	18,747	222	111	16,714	226	110

Annual Giving							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Annual Giving x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Annual Giving x \$1000	2003 — National Rank	2003 — Control Rank
Private	Meharry Medical College	NR			12,585	293	146
Public	Michigan State University	110,785	42	20	118,659	36	20
Public	Mississippi State University	57,320	85	46	33,930	128	77
Public	Montana State University - Bozeman	NR			NR		
Private	Morehouse School of Medicine	4,345	554	339	4,997	547	330
Private	Mount Sinai School of Medicine	NR			NR		
Public	New Jersey Institute of Technology	11,021	312	144	7,772	403	176
Public	New Mexico State University - Las Cruces	21,415	180	100	13,091	271	136
Private	New York Medical College	NR			NR		
Private	New York University	215,835	16	11	207,932	19	11
Public	North Carolina State University	138,487	27	14	122,748	34	18
Public	North Dakota State University	9,941	335	152	8,930	362	165
Private	Northeastern University	23,119	168	74	20,984	191	85
Private	Northwestern University	137,606	28	14	176,111	26	13
Public	Ohio State University - Columbus	206,078	18	7	195,759	20	9
Public	Ohio University - Athens	18,257	207	110	15,690	235	124
Public	Oklahoma State University - Stillwater	41,028	113	66	40,183	111	68
Public	Oregon Health & Science University	87,100	53	27	42,627	103	61
Public	Oregon State University	51,927	91	50	29,345	143	86
Public	Pennsylvania State University - Hershey Medical Ctr	27,228	156	90	21,758	181	101
Public	Pennsylvania State University - University Park	107,400	45	21	121,480	35	19
Private	Princeton University	126,482	32	16	227,532	16	9
Public	Purdue University - West Lafayette	163,727	24	12	103,445	41	22
Private	Rensselaer Polytechnic Institute	41,079	112	47	41,079	108	43
Private	Rice University	57,219	86	40	57,930	74	33
Private	Rockefeller University	61,713	74	33	54,043	81	37
Private	Rush University	NR			NR		
Public	Rutgers the State University of NJ - New Brunswick	63,245	72	40	79,793	53	28
Private	Saint Louis University - St. Louis	32,472	135	55	NR		
Public	San Diego State University	50,025	95	53	43,373	99	58
Private	Stanford University	524,539	2	2	486,075	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	5,689	480	195	3,708	634	241
Public	Stony Brook University	22,586	170	96	79,484	54	29
Private	Syracuse University	57,763	83	38	38,390	119	48
Public	Temple University	29,891	142	84	26,920	154	91
Public	Texas A&M University	106,732	46	22	142,310	29	15
Public	Texas A&M University System Health Sciences Center	3,821	584	226	7,588	410	177
Public	Texas Tech University	42,076	109	63	26,822	155	92
Private	Thomas Jefferson University	NR			15,548	239	114
Private	Tufts University	34,674	131	53	70,069	61	29
Private	Tulane University	61,299	76	34	51,952	83	38
Public	University at Albany	96,397	49	25	36,746	124	75
Public	University at Buffalo	23,331	166	94	32,856	131	79
Public	University of Alabama - Birmingham	62,314	73	41	51,704	84	46
Public	University of Alabama - Huntsville	6,683	430	179	4,176	590	230
Public	University of Alabama - Tuscaloosa	43,254	107	62	43,313	100	59

2002 — Annual Giving x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Annual Giving x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Annual Giving x \$1000	2000 — National Rank	2000 — Control Rank
NR			10,629	340	184	NR		
211,629	18	7	202,007	19	9	121,287	32	16
53,341	92	54	41,178	115	67	26,720	157	83
NR			15,900	257	127	12,000	292	136
940	853	526	NR			NR		
NR			NR			NR		
8,101	388	163	6,853	479	187	7,700	429	179
11,314	303	139	11,633	312	147	8,452	386	161
NR			NR			NR		
251,408	13	10	171,933	26	14	236,620	12	10
122,164	37	19	90,342	53	28	74,363	60	32
NR			NR			NR		
27,701	143	57	27,082	159	69	31,089	138	65
183,335	24	16	165,717	27	15	203,069	17	12
179,493	26	10	210,551	16	6	174,329	22	9
12,021	290	135	16,197	251	125	17,364	221	109
31,349	132	79	41,256	114	66	37,984	116	65
62,159	73	42	66,100	70	38	51,535	90	49
43,621	102	59	29,595	151	88	37,178	121	68
23,489	175	96	30,080	148	86	12,800	275	129
140,931	31	15	123,862	35	17	125,958	31	15
185,223	22	14	184,882	23	12	166,189	24	14
164,000	28	12	130,735	34	16	84,358	53	26
57,167	89	37	61,736	74	34	42,716	104	47
59,493	82	34	67,497	68	32	73,651	62	29
91,257	48	23	65,115	71	33	60,179	78	38
29,600	138	56	NR			NR		
74,637	62	32	106,028	41	21	73,945	61	33
24,110	167	75	32,550	139	56	31,662	135	62
52,706	94	55	42,097	111	65	39,635	112	62
454,770	3	3	468,967	2	2	580,474	1	1
2,539	703	250	999	891	352	900	908	348
18,567	203	105	18,180	234	115	20,080	201	105
38,785	113	47	37,530	127	52	42,814	103	46
32,898	124	75	38,655	123	73	39,721	111	61
118,204	39	21	114,527	40	20	110,426	37	19
5,469	505	197	4,885	577	218	2,802	727	256
43,798	101	58	115,821	38	19	59,474	80	41
31,903	128	51	25,800	167	73	31,000	139	66
82,253	55	28	55,638	83	39	72,990	64	31
53,177	93	39	53,869	86	40	66,000	72	35
22,959	180	98	17,826	238	118	16,215	234	111
25,501	158	90	30,223	147	85	28,287	149	79
51,496	97	56	54,358	85	46	56,864	84	43
3,443	645	230	5,474	541	208	10,503	326	146
54,569	91	53	40,071	120	70	37,688	117	66

Annual Giving		2004 — Annual Giving x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Annual Giving x \$1000	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	7,740	395	168	6,480	458	192
Public	University of Arizona	101,824	47	23	185,430	23	11
Public	University of Arkansas - Fayetteville	83,366	55	29	333,049	4	1
Public	University of Arkansas for Medical Sciences	NR			22,558	175	98
Public	University of California - Berkeley	182,323	21	10	190,710	22	10
Public	University of California - Davis	82,344	56	30	64,664	64	35
Public	University of California - Irvine	52,347	90	49	53,226	82	45
Public	University of California - Los Angeles	263,691	12	2	319,463	6	2
Public	University of California - Riverside	17,223	217	114	16,035	231	122
Public	University of California - San Diego	112,237	41	19	138,589	30	16
Public	University of California - San Francisco	217,647	15	5	225,597	17	8
Public	University of California - Santa Barbara	76,131	61	33	62,017	68	39
Public	University of California - Santa Cruz	15,048	245	119	18,169	215	114
Public	University of Central Florida	13,182	274	132	11,347	315	153
Private	University of Chicago	161,603	25	13	163,592	28	14
Public	University of Cincinnati - Cincinnati	51,384	92	51	51,491	85	47
Public	University of Colorado - Boulder	34,716	129	78	39,600	115	70
Public	University of Colorado Health Sciences Center	37,319	123	72	42,570	105	63
Public	University of Connecticut - Health Center	8,960	363	160	8,501	375	168
Public	University of Connecticut - Storrs	35,840	125	74	34,002	127	76
Private	University of Dayton	23,969	165	72	20,407	193	86
Public	University of Delaware	44,635	105	60	33,597	129	78
Public	University of Florida	133,359	31	16	176,689	25	13
Public	University of Georgia	61,549	75	42	59,073	72	41
Public	University of Hawaii - Manoa	19,212	199	108	21,623	184	103
Public	University of Houston - University Park	31,160	139	83	28,519	147	88
Public	University of Idaho	20,088	190	103	15,837	232	123
Public	University of Illinois - Chicago	40,153	115	68	47,036	91	51
Public	University of Illinois - Urbana-Champaign	125,697	35	17	114,229	37	21
Public	University of Iowa	86,582	54	28	93,017	47	26
Public	University of Kansas - Lawrence	73,020	63	35	70,567	59	32
Public	University of Kansas Medical Center	18,486	204	109	15,490	241	126
Public	University of Kentucky	59,435	78	43	54,808	78	43
Public	University of Louisville	37,692	121	71	32,817	132	80
Public	University of Maine - Orono	31,456	137	82	13,254	266	134
Public	University of Maryland - Baltimore	41,609	111	65	43,276	101	60
Public	University of Maryland - Baltimore County	10,827	318	146	8,031	391	172
Public	University of Maryland - College Park	81,669	57	31	78,619	56	30
Public	University of Massachusetts - Amherst	25,330	160	92	30,817	137	83
Public	University of Massachusetts Medical Sch - Worcester	NR			NR		
Public	University of Medicine & Dentistry of New Jersey	21,600	178	98	17,800	219	116
Private	University of Miami	125,715	34	18	92,770	48	22
Public	University of Michigan - Ann Arbor	211,610	17	6	180,217	24	12
Public	University of Minnesota - Twin Cities	249,782	14	4	244,851	15	7
Public	University of Mississippi - Oxford	39,462	117	70	48,900	88	49
Public	University of Mississippi Medical Center	9,377	353	157	3,121	691	262

2002 — Annual Giving x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Annual Giving x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Annual Giving x \$1000	2000 — National Rank	2000 — Control Rank
3,780	625	224	18,621	223	112	9,429	355	155
119,687	38	20	103,822	45	24	91,711	49	23
63,660	71	41	61,824	73	40	88,197	51	25
NR			17,572	241	121	27,600	150	80
223,261	16	6	202,607	18	8	166,844	23	10
81,869	56	28	73,286	61	33	76,768	59	31
38,901	112	66	48,490	98	55	67,254	71	37
282,343	7	2	263,652	12	3	253,765	9	2
30,332	134	80	20,754	202	104	12,403	282	134
101,214	45	25	93,632	50	26	112,792	36	18
207,228	20	8	271,565	10	2	218,320	15	5
26,680	150	88	29,994	149	87	24,111	169	89
13,513	262	124	13,615	274	135	15,564	242	116
7,619	405	172	NR			12,160	286	135
183,772	23	15	163,615	28	16	177,619	21	13
131,475	33	16	86,247	55	30	61,671	77	40
61,006	78	45	48,716	97	54	57,284	83	42
31,555	130	78	46,340	100	56	28,642	146	78
8,652	373	157	9,960	358	161	5,200	559	209
34,607	122	73	40,640	118	68	31,755	134	73
25,467	160	70	23,441	183	87	27,205	155	73
43,024	103	60	44,990	101	57	44,679	100	56
179,330	27	11	142,945	32	15	163,600	26	12
57,832	85	50	43,603	108	63	45,739	99	55
18,269	209	107	19,665	212	109	22,844	174	94
32,302	127	77	33,185	136	82	80,777	57	30
23,957	169	94	21,878	191	100	27,396	152	82
74,659	61	31	37,175	129	77	38,509	115	64
129,555	34	17	105,576	43	22	107,504	39	20
85,260	53	27	96,059	47	25	83,894	54	27
57,441	88	52	64,308	72	39	62,793	75	39
14,360	253	122	16,077	253	126	15,698	240	115
60,958	79	46	55,351	84	45	48,382	96	52
37,960	116	68	56,330	82	44	44,091	101	57
10,628	315	144	50,214	94	51	14,388	257	121
41,915	104	61	37,384	128	76	29,419	144	76
10,491	319	145	10,873	329	152	7,926	416	172
72,279	64	34	75,964	60	32	56,119	85	44
22,222	186	102	22,530	186	98	21,117	194	102
NR			15,300	262	129	15,700	239	114
18,000	212	108	44,900	102	58	22,400	180	97
86,222	51	25	105,812	42	21	100,563	43	21
161,383	29	13	209,390	17	7	221,381	14	4
233,338	14	4	228,926	14	5	193,950	20	8
104,632	44	24	44,840	103	59	71,230	66	34
6,679	438	178	14,946	264	130	23,743	171	91

Annual Giving							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Annual Giving x \$1000	2004 — National Rank	2004 — Control Rank	2003 — Annual Giving x \$1000	2003 — National Rank	2003 — Control Rank
Public	University of Missouri - Columbia	71,496	64	36	64,708	63	34
Public	University of Montana - Missoula	11,114	311	143	14,317	252	130
Public	University of Nebraska - Lincoln	64,195	70	39	55,578	76	42
Public	University of Nebraska Medical Center	35,016	127	76	31,086	136	82
Public	University of Nevada - Las Vegas	29,058	145	86	21,130	188	104
Public	University of Nevada - Reno	32,319	136	81	13,055	274	139
Public	University of New Hampshire - Durham	12,731	284	135	13,056	273	138
Public	University of New Mexico - Albuquerque	39,831	116	69	41,043	109	66
Public	University of North Carolina - Chapel Hill	190,220	20	9	163,622	27	14
Public	University of North Dakota	NR			NR		
Private	University of Notre Dame	173,686	22	12	113,887	38	17
Public	University of Oklahoma - Norman	78,685	60	32	64,834	62	33
Public	University of Oklahoma Health Sciences Center	19,671	194	104	22,780	172	96
Public	University of Oregon	46,845	101	56	62,544	67	38
Private	University of Pennsylvania	336,989	4	4	399,641	3	3
Public	University of Pittsburgh - Pittsburgh	95,457	50	26	94,545	46	25
Public	University of Puerto Rico - Medical Sciences	NR			NR		
Public	University of Rhode Island	13,473	267	129	13,032	276	140
Private	University of Rochester	58,550	80	36	59,430	69	30
Public	University of South Carolina - Columbia	44,368	106	61	45,899	92	52
Public	University of South Florida	41,939	110	64	19,502	197	108
Private	University of Southern California	354,481	3	3	305,982	9	5
Public	University of Southern Mississippi	NR			NR		
Public	University of Tennessee - Knoxville	125,135	36	18	102,016	43	23
Public	University of Texas - Austin	264,935	11	1	309,484	8	4
Public	University of Texas Health Science Center - Houston	35,031	126	75	29,647	141	84
Public	University of Texas Health Science Ctr - San Antonio	33,977	132	79	27,775	152	89
Public	University of Texas MD Anderson Cancer Center	99,373	48	24	63,133	65	36
Public	University of Texas Medical Branch - Galveston	46,393	103	58	39,955	113	69
Public	University of Texas SW Medical Center - Dallas	134,434	29	15	82,654	52	27
Public	University of Utah	139,271	26	13	137,345	31	17
Public	University of Vermont	27,799	151	89	28,767	146	87
Public	University of Virginia	168,310	23	11	261,922	13	6
Public	University of Washington - Seattle	198,013	19	8	311,251	7	3
Public	University of Wisconsin - Madison	262,826	13	3	286,915	11	5
Public	University of Wyoming	29,888	143	85	16,799	226	119
Public	US Naval Postgraduate School	NR			NR		
Public	Utah State University	16,285	230	117	13,020	277	141
Private	Vanderbilt University	122,551	38	20	98,800	45	21
Public	Virginia Commonwealth University	33,828	133	80	38,242	120	72
Public	Virginia Polytechnic Institute and State University	67,037	66	37	54,284	80	44
Private	Wake Forest University	56,701	87	41	57,212	75	34
Public	Washington State University - Pullman	40,700	114	67	45,420	94	54
Private	Washington University in St. Louis	124,201	37	19	110,230	39	18
Public	Wayne State University	NR			NR		
Public	West Virginia University	48,631	97	55	42,117	106	64
Private	Woods Hole Oceanographic Institution	NR			23,900	166	72
Private	Yale University	268,120	10	10	222,089	18	10
Private	Yeshiva University	NR			NR		

2002 — Annual Giving x \$1000	2002 — National Rank	2002 — Control Rank	2001 — Annual Giving x \$1000	2001 — National Rank	2001 — Control Rank	2000 — Annual Giving x \$1000	2000 — National Rank	2000 — Control Rank
90,339	50	26	43,872	107	62	39,212	114	63
13,251	269	126	10,989	325	151	9,579	352	153
64,416	68	38	67,986	66	35	47,615	97	53
36,029	119	70	38,025	125	75	18,895	208	107
17,291	219	111	20,195	207	107	22,151	182	99
14,515	249	119	17,713	239	119	21,604	191	101
14,473	250	120	16,968	246	123	11,790	295	138
35,423	120	71	33,818	135	81	30,879	140	74
180,616	25	9	160,375	29	13	164,640	25	11
NR			NR			NR		
126,755	36	18	142,242	33	18	140,679	28	15
67,579	66	36	59,455	78	43	51,244	91	50
23,744	171	95	29,284	152	89	26,398	159	85
67,142	67	37	48,960	96	53	48,584	95	51
319,742	4	4	285,596	8	7	288,152	7	7
75,248	60	30	88,645	54	29	82,030	56	29
NR			NR			NR		
15,104	240	117	14,320	270	133	12,758	277	130
57,454	86	36	69,900	64	30	64,091	73	36
64,235	70	40	50,629	90	48	52,357	89	48
40,819	107	63	37,039	131	78	40,809	107	58
585,162	1	1	280,986	9	8	253,288	10	8
NR			NR			NR		
69,588	65	35	72,403	62	34	54,141	87	46
155,312	30	14	179,951	25	12	201,637	18	6
34,875	121	72	23,807	181	96	23,880	170	90
29,419	139	83	33,118	137	83	26,499	158	84
57,834	84	49	61,585	75	41	63,526	74	38
41,041	106	62	38,150	124	74	34,969	125	71
117,557	40	22	90,409	52	27	115,033	35	17
127,760	35	18	146,344	31	14	144,016	27	13
27,639	145	87	31,819	143	84	24,280	168	88
255,044	11	3	189,900	22	11	195,284	19	7
231,814	15	5	231,918	13	4	225,575	13	3
307,214	6	1	292,429	7	1	280,182	8	1
17,361	218	110	12,311	303	143	14,972	249	120
NR			NR			NR		
11,937	291	136	21,199	197	102	23,729	172	92
198,515	21	13	155,719	30	17	94,181	44	22
29,760	137	82	27,395	158	90	27,567	151	81
72,579	63	33	66,429	69	37	55,610	86	45
58,738	83	35	58,298	81	38	42,502	105	48
39,747	111	65	40,005	121	71	45,808	98	54
137,226	32	17	122,061	36	19	127,219	30	16
NR			44,650	104	60	40,000	110	60
57,445	87	51	38,845	122	72	52,855	88	47
13,800	260	137	24,124	179	84	15,588	241	126
256,342	10	8	350,123	4	4	358,103	3	3
61,628	74	32	103,000	46	22	77,209	58	28

National Academy Membership		2004 — National Academy Members	2004 — National Rank	2004 — Control Rank	2003 — National Academy Members	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	0	196	123	0	190	116
Public	Arizona State University - Tempe	7	78	44	6	81	47
Public	Auburn University	0	196	123	0	190	116
Private	Baylor College of Medicine	15	56	26	15	54	25
Private	Boston College	2	117	47	2	116	47
Private	Boston University	14	57	27	13	57	28
Private	Brandeis University	13	61	29	14	56	27
Private	Brown University	16	54	24	17	50	23
Private	California Institute of Technology	99	7	5	96	6	5
Private	Carnegie Mellon University	23	42	19	23	38	18
Private	Case Western Reserve University	20	45	21	19	45	21
Private	Charles R. Drew University of Medicine and Science	1	144	58	2	116	47
Public	Clemson University	1	144	88	1	140	83
Public	College of William and Mary	0	196	123	0	190	116
Public	Colorado State University	7	78	44	7	78	44
Private	Columbia University	91	9	6	84	11	8
Private	Cornell University	64	17	10	65	15	9
Private	Cornell University Weill Medical College	11	64	31	15	54	25
Private	Dartmouth College	11	64	31	11	63	31
Public	Desert Research Institute	0	196	123	0	190	116
Private	Drexel University	5	90	38	4	99	39
Private	Duke University	48	21	12	50	21	12
Private	Emory University	17	51	22	13	57	28
Public	Florida International University	1	144	88	1	140	83
Public	Florida State University	4	97	58	5	87	51
Public	George Mason University	3	105	62	2	116	70
Private	George Washington University	3	105	44	4	99	39
Private	Georgetown University	6	83	35	6	81	35
Public	Georgia Institute of Technology	30	30	13	27	34	17
Public	Georgia State University	0	196	123	0	190	116
Private	Harvard University	267	1	1	264	1	1
Private	Howard University	6	83	35	6	81	35
Public	Indiana University - Bloomington	10	71	38	11	63	33
Public	Indiana University-Purdue University - Indianapolis	7	78	44	6	81	47
Public	Iowa State University	11	64	34	10	68	36
Public	Jackson State University	0	196	123	0	190	116
Private	Johns Hopkins University	69	15	9	65	15	9
Public	Kansas State University	0	196	123	0	190	116
Private	Loma Linda University	0	196	76	0	190	75
Public	Louisiana State University - Baton Rouge	1	144	88	1	140	83
Public	Louisiana State University Health Sciences Center	0	196	123	0	190	116
Private	Loyola University Chicago	0	196	76	0	190	75
Private	Massachusetts Institute of Technology	238	3	3	234	3	3
Public	Medical College of Georgia	0	196	123	0	190	116
Private	Medical College of Wisconsin	1	144	58	1	140	58
Public	Medical University of South Carolina	2	117	71	2	116	70

2002 — National Academy Members	2002 — National Rank	2002 — Control Rank	2001 — National Academy Members	2001 — National Rank	2001 — Control Rank	2000 — National Academy Members	2000 — National Rank	2000 — Control Rank
0	188	114	0	189	111	0	189	112
4	99	60	4	97	57	3	102	61
0	188	114	0	189	111	0	189	112
14	55	25	13	55	25	12	57	27
2	115	46	2	115	46	1	134	52
13	57	27	13	55	25	14	54	25
11	62	30	12	61	30	12	57	27
19	45	23	17	48	22	17	46	22
95	6	5	93	6	5	93	6	5
22	39	19	21	39	20	22	35	19
20	42	21	24	34	18	23	34	18
2	115	46	2	115	46	2	114	45
1	137	82	1	135	82	1	134	83
1	137	82	2	115	70	2	114	70
6	82	47	7	76	42	6	80	46
84	9	7	77	10	7	75	9	7
64	15	9	66	14	9	68	12	9
14	55	25	14	54	24	14	54	25
11	62	30	13	55	25	15	51	24
0	188	114	0	189	111	0	189	112
4	99	40	5	87	36	3	102	42
45	21	12	42	22	13	40	22	13
12	59	28	9	68	32	9	68	32
1	137	82	0	189	111	0	189	112
7	78	43	7	76	42	6	80	46
2	115	70	2	115	70	1	134	83
4	99	40	4	97	41	4	98	41
5	89	37	5	87	36	5	85	36
26	33	16	25	32	15	22	35	17
0	188	114	0	189	111	0	189	112
259	1	1	265	1	1	247	1	1
6	82	36	5	87	36	5	85	36
9	69	35	11	62	32	10	64	33
7	78	43	6	81	47	5	85	50
9	69	35	7	76	42	7	74	41
0	188	114	0	189	111	0	189	112
63	16	10	64	15	10	65	14	10
0	188	114	0	189	111	0	189	112
0	188	75	0	189	79	0	189	78
2	115	70	1	135	82	1	134	83
0	188	114	0	189	111	0	189	112
0	188	75	0	189	79	0	189	78
232	3	3	232	3	3	236	3	3
0	188	114	0	189	111	0	189	112
1	137	56	1	135	54	1	134	52
2	115	70	2	115	70	2	114	70

National Academy Membership		2004 — National Academy Members	2004 — National Rank	2004 — Control Rank	2003 — National Academy Members	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	2	117	47	2	116	47
Public	Michigan State University	9	73	40	8	75	41
Public	Mississippi State University	0	196	123	0	190	116
Public	Montana State University - Bozeman	0	196	123	0	190	116
Private	Morehouse School of Medicine	4	97	40	3	104	43
Private	Mount Sinai School of Medicine	12	62	30	10	68	33
Public	New Jersey Institute of Technology	0	196	123	0	190	116
Public	New Mexico State University - Las Cruces	0	196	123	0	190	116
Private	New York Medical College	1	144	58	1	140	58
Private	New York University	33	28	17	31	29	17
Public	North Carolina State University	18	49	28	18	47	25
Public	North Dakota State University	0	196	123	0	190	116
Private	Northeastern University	0	196	76	0	190	75
Private	Northwestern University	38	25	16	37	27	16
Public	Ohio State University - Columbus	18	49	28	18	47	25
Public	Ohio University - Athens	0	196	123	0	190	116
Public	Oklahoma State University - Stillwater	3	105	62	3	104	62
Public	Oregon Health & Science University	4	97	58	6	81	47
Public	Oregon State University	5	90	53	5	87	51
Public	Pennsylvania State University - Hershey Medical Ctr	3	105	62	1	140	83
Public	Pennsylvania State University - University Park	27	37	20	28	33	16
Private	Princeton University	90	10	7	86	9	7
Public	Purdue University - West Lafayette	14	57	31	13	57	30
Private	Rensselaer Polytechnic Institute	14	57	27	13	57	28
Private	Rice University	16	54	24	19	45	21
Private	Rockefeller University	45	22	13	45	22	13
Private	Rush University	2	117	47	3	104	43
Public	Rutgers the State University of NJ - New Brunswick	30	30	13	29	30	13
Private	Saint Louis University - St. Louis	1	144	58	1	140	58
Public	San Diego State University	0	196	123	0	190	116
Private	Stanford University	253	2	2	249	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	1	144	88	1	140	83
Public	Stony Brook University	14	57	31	13	57	30
Private	Syracuse University	3	105	44	2	116	47
Public	Temple University	0	196	123	0	190	116
Public	Texas A&M University	20	45	25	17	50	28
Public	Texas A&M University System Health Sciences Center	0	196	123	0	190	116
Public	Texas Tech University	1	144	88	1	140	83
Private	Thomas Jefferson University	6	83	35	5	87	37
Private	Tufts University	5	90	38	5	87	37
Private	Tulane University	3	105	44	3	104	43
Public	University at Albany	0	196	123	0	190	116
Public	University at Buffalo	5	90	53	5	87	51
Public	University of Alabama - Birmingham	7	78	44	7	78	44
Public	University of Alabama - Huntsville	0	196	123	0	190	116
Public	University of Alabama - Tuscaloosa	0	196	123	0	190	116

2002 — National Academy Members	2002 — National Rank	2002 — Control Rank	2001 — National Academy Members	2001 — National Rank	2001 — Control Rank	2000 — National Academy Members	2000 — National Rank	2000 — Control Rank
2	115	46	3	105	43	2	114	45
6	82	47	6	81	47	6	80	46
0	188	114	0	189	111	0	189	112
0	188	114	0	189	111	0	189	112
3	105	42	1	135	54	1	134	52
11	62	30	10	64	31	11	60	29
0	188	114	0	189	111	0	189	112
0	188	114	0	189	111	0	189	112
1	137	56	1	135	54	1	134	52
32	29	17	29	29	17	30	29	17
18	47	24	19	42	21	15	51	28
0	188	114	0	189	111	0	189	112
0	188	75	0	189	79	0	189	78
34	28	16	31	28	16	31	28	16
17	50	27	15	53	30	13	56	30
0	188	114	0	189	111	0	189	112
3	105	64	3	105	63	3	102	61
6	82	47	4	97	57	4	98	58
5	89	53	5	87	52	5	85	50
0	188	114	2	115	70	3	102	61
25	35	18	23	37	19	22	35	17
79	10	8	76	11	8	73	10	8
15	53	30	16	52	29	17	46	25
12	59	28	13	55	25	11	60	29
21	40	20	21	39	20	19	42	21
44	22	13	43	21	12	43	21	12
3	105	42	2	115	46	2	114	45
27	31	14	25	32	15	26	31	14
1	137	56	1	135	54	1	134	52
0	188	114	0	189	111	0	189	112
244	2	2	243	2	2	239	2	2
1	137	82	1	135	82	1	134	83
13	57	31	13	55	31	12	57	31
1	137	56	1	135	54	1	134	52
0	188	114	0	189	111	1	134	83
17	50	27	17	48	27	15	51	28
0	188	114	0	189	111	0	189	112
0	188	114	0	189	111	0	189	112
5	89	37	5	87	36	6	80	35
8	77	35	6	81	35	5	85	36
3	105	42	3	105	43	3	102	42
0	188	114	0	189	111	0	189	112
5	89	53	5	87	52	5	85	50
9	69	35	10	64	34	9	68	37
0	188	114	0	189	111	0	189	112
0	188	114	0	189	111	0	189	112

National Academy Membership		2004 — National Academy Members	2004 — National Rank	2004 — Control Rank	2003 — National Academy Members	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	1	144	88	0	190	116
Public	University of Arizona	29	32	15	29	30	13
Public	University of Arkansas - Fayetteville	2	117	71	2	116	70
Public	University of Arkansas for Medical Sciences	1	144	88	1	140	83
Public	University of California - Berkeley	209	4	1	201	4	1
Public	University of California - Davis	33	28	12	29	30	13
Public	University of California - Irvine	29	32	15	25	36	19
Public	University of California - Los Angeles	66	16	7	64	17	7
Public	University of California - Riverside	3	105	62	3	104	62
Public	University of California - San Diego	101	5	2	95	7	2
Public	University of California - San Francisco	92	8	3	85	10	3
Public	University of California - Santa Barbara	24	39	22	42	23	10
Public	University of California - Santa Cruz	29	32	15	9	72	38
Public	University of Central Florida	0	196	123	0	190	116
Private	University of Chicago	51	20	11	52	20	11
Public	University of Cincinnati - Cincinnati	6	83	49	5	87	51
Public	University of Colorado - Boulder	28	36	19	24	37	20
Public	University of Colorado Health Sciences Center	11	64	34	11	63	33
Public	University of Connecticut - Health Center	3	105	62	2	116	70
Public	University of Connecticut - Storrs	2	117	71	0	190	116
Private	University of Dayton	0	196	76	0	190	75
Public	University of Delaware	8	76	42	9	72	38
Public	University of Florida	17	51	30	17	50	28
Public	University of Georgia	10	71	38	8	75	41
Public	University of Hawaii - Manoa	6	83	49	5	87	51
Public	University of Houston - University Park	11	64	34	11	63	33
Public	University of Idaho	0	196	123	0	190	116
Public	University of Illinois - Chicago	6	83	49	5	87	51
Public	University of Illinois - Urbana-Champaign	52	19	9	55	18	8
Public	University of Iowa	20	45	25	18	47	25
Public	University of Kansas - Lawrence	5	90	53	5	87	51
Public	University of Kansas Medical Center	1	144	88	1	140	83
Public	University of Kentucky	3	105	62	3	104	62
Public	University of Louisville	1	144	88	1	140	83
Public	University of Maine - Orono	1	144	88	1	140	83
Public	University of Maryland - Baltimore	9	73	40	9	72	38
Public	University of Maryland - Baltimore County	0	196	123	0	190	116
Public	University of Maryland - College Park	24	39	22	21	43	23
Public	University of Massachusetts - Amherst	7	78	44	7	78	44
Public	University of Massachusetts Medical Sch - Worcester	2	117	71	2	116	70
Public	University of Medicine & Dentistry of New Jersey	1	144	88	1	140	83
Private	University of Miami	2	117	47	2	116	47
Public	University of Michigan - Ann Arbor	77	13	5	73	13	5
Public	University of Minnesota - Twin Cities	37	26	10	38	25	11
Public	University of Mississippi - Oxford	0	196	123	0	190	116
Public	University of Mississippi Medical Center	0	196	123	0	190	116

2002 — National Academy Members	2002 — National Rank	2002 — Control Rank	2001 — National Academy Members	2001 — National Rank	2001 — Control Rank	2000 — National Academy Members	2000 — National Rank	2000 — Control Rank
0	188	114	0	189	111	0	189	112
28	30	13	29	29	13	27	30	13
2	115	70	2	115	70	2	114	70
1	137	82	1	135	82	0	189	112
202	4	1	199	4	1	190	4	1
27	31	14	28	31	14	25	32	15
24	37	20	20	41	20	21	40	21
60	17	7	58	17	7	61	16	6
4	99	60	6	81	47	6	80	46
91	7	2	93	6	2	91	7	2
77	12	4	68	13	5	64	15	5
38	23	10	34	27	12	32	27	12
9	69	35	10	64	34	10	64	33
0	188	114	0	189	111	0	189	112
52	19	11	56	18	11	60	17	11
5	89	53	3	105	63	2	114	70
26	33	16	24	34	17	24	33	16
9	69	35	7	76	42	7	74	41
3	105	64	3	105	63	3	102	61
1	137	82	1	135	82	1	134	83
0	188	75	1	135	54	1	134	52
9	69	35	10	64	34	10	64	33
16	52	29	17	48	27	17	46	25
7	78	43	8	73	40	8	73	40
5	89	53	5	87	52	5	85	50
9	69	35	8	73	40	7	74	41
0	188	114	0	189	111	0	189	112
6	82	47	6	81	47	5	85	50
51	20	9	54	19	8	53	19	8
18	47	24	19	42	21	18	44	23
6	82	47	7	76	42	7	74	41
0	188	114	0	189	111	0	189	112
3	105	64	4	97	57	4	98	58
1	137	82	1	135	82	1	134	83
1	137	82	0	189	111	0	189	112
11	62	33	9	68	37	9	68	37
0	188	114	0	189	111	0	189	112
19	45	23	19	42	21	18	44	23
9	69	35	9	68	37	10	64	33
4	99	60	3	105	63	2	114	70
1	137	82	1	135	82	2	114	70
2	115	46	2	115	46	1	134	52
70	13	5	62	16	6	60	17	7
38	23	10	35	25	10	36	23	10
0	188	114	0	189	111	0	189	112
0	188	114	0	189	111	0	189	112

National Academy Membership		2004 — National Academy Members	2004 — National Rank	2004 — Control Rank	2003 — National Academy Members	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Missouri - Columbia	5	90	53	5	87	51
Public	University of Montana - Missoula	0	196	123	0	190	116
Public	University of Nebraska - Lincoln	3	105	62	3	104	62
Public	University of Nebraska Medical Center	1	144	88	1	140	83
Public	University of Nevada - Las Vegas	0	196	123	0	190	116
Public	University of Nevada - Reno	2	117	71	2	116	70
Public	University of New Hampshire - Durham	0	196	123	0	190	116
Public	University of New Mexico - Albuquerque	3	105	62	3	104	62
Public	University of North Carolina - Chapel Hill	36	27	11	37	27	12
Public	University of North Dakota	1	144	88	0	190	116
Private	University of Notre Dame	2	117	47	2	116	47
Public	University of Oklahoma - Norman	2	117	71	2	116	70
Public	University of Oklahoma Health Sciences Center	1	144	88	1	140	83
Public	University of Oregon	6	83	49	6	81	47
Private	University of Pennsylvania	85	11	8	89	8	6
Public	University of Pittsburgh - Pittsburgh	22	44	24	22	40	21
Public	University of Puerto Rico - Medical Sciences	0	196	123	0	190	116
Public	University of Rhode Island	1	144	88	1	140	83
Private	University of Rochester	24	39	18	22	40	20
Public	University of South Carolina - Columbia	2	117	71	1	140	83
Public	University of South Florida	1	144	88	1	140	83
Private	University of Southern California	40	24	15	38	25	15
Public	University of Southern Mississippi	0	196	123	0	190	116
Public	University of Tennessee - Knoxville	2	117	71	1	140	83
Public	University of Texas - Austin	53	18	8	55	18	8
Public	University of Texas Health Science Center - Houston	5	90	53	5	87	51
Public	University of Texas Health Science Ctr - San Antonio	1	144	88	1	140	83
Public	University of Texas MD Anderson Cancer Center	1	144	88	1	140	83
Public	University of Texas Medical Branch - Galveston	2	117	71	2	116	70
Public	University of Texas SW Medical Center - Dallas	29	32	15	26	35	18
Public	University of Utah	20	45	25	21	43	23
Public	University of Vermont	2	117	71	3	104	62
Public	University of Virginia	25	38	21	22	40	21
Public	University of Washington - Seattle	78	12	4	77	12	4
Public	University of Wisconsin - Madison	71	14	6	70	14	6
Public	University of Wyoming	2	117	71	3	104	62
Public	US Naval Postgraduate School	0	196	123	0	190	116
Public	Utah State University	0	196	123	0	190	116
Private	Vanderbilt University	17	51	22	17	50	23
Public	Virginia Commonwealth University	2	117	71	3	104	62
Public	Virginia Polytechnic Institute and State University	12	62	33	12	62	32
Private	Wake Forest University	2	117	47	2	116	47
Public	Washington State University - Pullman	8	76	42	8	75	41
Private	Washington University in St. Louis	44	23	14	39	24	14
Public	Wayne State University	4	97	58	5	87	51
Public	West Virginia University	0	196	123	0	190	116
Private	Woods Hole Oceanographic Institution	4	97	40	4	99	39
Private	Yale University	101	5	4	104	5	4
Private	Yeshiva University	9	73	34	10	68	33

2002 — National Academy Members	2002 — National Rank	2002 — Control Rank	2001 — National Academy Members	2001 — National Rank	2001 — Control Rank	2000 — National Academy Members	2000 — National Rank	2000 — Control Rank
5	89	53	5	87	52	5	85	50
0	188	114	0	189	111	0	189	112
2	115	70	2	115	70	2	114	70
1	137	82	2	115	70	2	114	70
0	188	114	0	189	111	0	189	112
2	115	70	2	115	70	2	114	70
0	188	114	0	189	111	0	189	112
3	105	64	3	105	63	4	98	58
36	26	12	35	25	10	33	26	11
0	188	114	0	189	111	0	189	112
2	115	46	2	115	46	2	114	45
2	115	70	2	115	70	3	102	61
1	137	82	1	135	82	2	114	70
7	78	43	5	87	52	5	85	50
91	7	6	87	8	6	87	8	6
21	40	21	19	42	21	17	46	25
0	188	114	0	189	111	0	189	112
1	137	82	1	135	82	1	134	83
23	38	18	22	38	19	20	41	20
1	137	82	1	135	82	1	134	83
3	105	64	3	105	63	3	102	61
35	27	15	36	24	15	34	25	15
0	188	114	0	189	111	0	189	112
1	137	82	1	135	82	1	134	83
53	18	8	52	20	9	52	20	9
5	89	53	4	97	57	5	85	50
1	137	82	1	135	82	1	134	83
1	137	82	1	135	82	1	134	83
2	115	70	2	115	70	2	114	70
25	35	18	24	34	17	22	35	17
18	47	24	18	47	26	19	42	22
3	105	64	3	105	63	3	102	61
20	42	22	19	42	21	22	35	17
79	10	3	78	9	3	71	11	3
69	14	6	69	12	4	68	12	4
2	115	70	1	135	82	1	134	83
1	137	82	1	135	82	1	134	83
0	188	114	0	189	111	0	189	112
15	53	24	13	55	25	11	60	29
2	115	70	2	115	70	1	134	83
12	59	32	11	62	32	11	60	32
2	115	46	2	115	46	2	114	45
6	82	47	6	81	47	7	74	41
37	25	14	37	23	14	35	24	14
5	89	53	4	97	57	3	102	61
0	188	114	0	189	111	0	189	112
0	188	75	4	97	41	5	85	36
108	5	4	108	5	4	101	5	4
10	67	33	9	68	32	9	68	32

Faculty Awards							
Institutions with Over \$20 Million In Federal Research, Alphabetically		2004 — Faculty Awards	2004 — National Rank	2004 — Control Rank	2003 — Faculty Awards	2003 — National Rank	2003 — Control Rank
Public	Alabama A&M University	0	544	310	0	522	305
Public	Arizona State University - Tempe	6	98	65	17	36	19
Public	Auburn University	3	159	107	0	522	305
Private	Baylor College of Medicine	12	56	24	13	50	22
Private	Boston College	4	135	43	6	99	39
Private	Boston University	16	43	18	23	21	12
Private	Brandeis University	6	98	34	9	74	30
Private	Brown University	14	47	21	11	58	24
Private	California Institute of Technology	24	24	13	21	27	16
Private	Carnegie Mellon University	11	62	28	10	67	26
Private	Case Western Reserve University	12	56	24	9	74	30
Private	Charles R. Drew University of Medicine and Science	0	544	235	0	522	218
Public	Clemson University	1	278	176	5	108	68
Public	College of William and Mary	6	98	65	6	99	61
Public	Colorado State University	8	82	51	7	86	53
Private	Columbia University	32	14	8	36	10	3
Private	Cornell University	36	11	6	24	20	11
Private	Cornell University Weill Medical College	1	278	103	8	79	33
Private	Dartmouth College	18	37	16	12	55	23
Public	Desert Research Institute	0	544	310	0	522	305
Private	Drexel University	5	117	38	4	123	45
Private	Duke University	32	14	8	29	14	7
Private	Emory University	16	43	18	14	43	20
Public	Florida International University	1	278	176	2	195	127
Public	Florida State University	6	98	65	8	79	47
Public	George Mason University	6	98	65	6	99	61
Private	George Washington University	11	62	28	10	67	26
Private	Georgetown University	13	52	22	10	67	26
Public	Georgia Institute of Technology	21	33	18	20	29	13
Public	Georgia State University	4	135	93	4	123	79
Private	Harvard University	55	1	1	54	1	1
Private	Howard University	3	159	53	3	147	53
Public	Indiana University - Bloomington	14	47	27	11	58	35
Public	Indiana University-Purdue University - Indianapolis	6	98	65	4	123	79
Public	Iowa State University	7	88	56	8	79	47
Public	Jackson State University	1	278	176	0	522	305
Private	Johns Hopkins University	52	2	2	32	12	5
Public	Kansas State University	4	135	93	5	108	68
Private	Loma Linda University	0	544	235	0	522	218
Public	Louisiana State University - Baton Rouge	11	62	35	7	86	53
Public	Louisiana State University Health Sciences Center	0	544	310	1	274	175
Private	Loyola University Chicago	4	135	43	3	147	53
Private	Massachusetts Institute of Technology	36	11	6	23	21	12
Public	Medical College of Georgia	0	544	310	0	522	305
Private	Medical College of Wisconsin	2	203	72	1	274	100
Public	Medical University of South Carolina	2	203	132	2	195	127

2002 — Faculty Awards	2002 — National Rank	2002 — Control Rank	2001 — Faculty Awards	2001 — National Rank	2001 — Control Rank	2000 — Faculty Awards	2000 — National Rank	2000 — Control Rank
0	527	301	0	546	306	0	521	307
13	49	26	14	51	30	11	62	36
1	285	175	3	158	107	3	160	104
12	56	24	14	51	22	13	53	22
4	125	47	0	546	241	6	94	35
20	25	13	16	41	16	20	28	15
9	69	26	7	86	32	14	47	19
9	69	26	19	34	14	11	62	27
14	45	21	14	51	22	14	47	19
5	104	39	8	79	29	14	47	19
14	45	21	8	79	29	6	94	35
0	527	226	0	546	241	0	521	215
4	125	79	7	86	55	6	94	60
5	104	66	3	158	107	13	53	32
5	104	66	10	70	43	5	113	74
44	3	2	38	7	4	38	6	4
27	12	9	16	41	16	23	26	13
9	69	26	6	95	34	9	74	30
16	38	17	15	46	20	13	53	22
0	527	301	0	546	306	0	521	307
5	104	39	2	202	71	5	113	40
21	21	12	26	21	10	31	13	8
15	41	19	14	51	22	10	70	28
2	199	123	4	126	85	2	200	128
6	90	56	2	202	132	2	200	128
4	125	79	1	287	176	3	160	104
9	69	26	4	126	42	2	200	73
16	38	17	11	65	26	6	94	35
21	21	10	20	33	20	15	43	25
1	285	175	1	287	176	3	160	104
57	1	1	51	2	1	60	1	1
1	285	110	2	202	71	1	285	103
13	49	26	9	76	48	11	62	36
2	199	123	5	106	70	4	132	87
13	49	26	11	65	40	6	94	60
1	285	175	0	546	306	1	285	183
35	6	3	39	5	3	34	9	6
5	104	66	4	126	85	1	285	183
0	527	226	0	546	241	0	521	215
7	81	50	10	70	43	10	70	43
1	285	175	2	202	132	2	200	128
2	199	77	2	202	71	4	132	46
34	7	4	30	14	7	33	10	7
0	527	301	0	546	306	2	200	128
1	285	110	1	287	112	1	285	103
0	527	301	1	287	176	1	285	183

Faculty Awards							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Faculty Awards	2004 — National Rank	2004 — Control Rank	2003 — Faculty Awards	2003 — National Rank	2003 — Control Rank
Private	Meharry Medical College	0	544	235	0	522	218
Public	Michigan State University	11	62	35	14	43	24
Public	Mississippi State University	3	159	107	1	274	175
Public	Montana State University - Bozeman	3	159	107	3	147	95
Private	Morehouse School of Medicine	0	544	235	0	522	218
Private	Mount Sinai School of Medicine	3	159	53	1	274	100
Public	New Jersey Institute of Technology	3	159	107	0	522	305
Public	New Mexico State University - Las Cruces	5	117	80	2	195	127
Private	New York Medical College	3	159	53	1	274	100
Private	New York University	15	45	20	14	43	20
Public	North Carolina State University	14	47	27	7	86	53
Public	North Dakota State University	0	544	310	3	147	95
Private	Northeastern University	5	117	38	3	147	53
Private	Northwestern University	37	9	5	30	13	6
Public	Ohio State University - Columbus	21	33	18	17	36	19
Public	Ohio University - Athens	2	203	132	1	274	175
Public	Oklahoma State University - Stillwater	7	88	56	5	108	68
Public	Oregon Health & Science University	13	52	31	12	55	33
Public	Oregon State University	11	62	35	5	108	68
Public	Pennsylvania State University - Hershey Medical Ctr	3	159	107	4	123	79
Public	Pennsylvania State University - University Park	22	29	14	29	14	8
Private	Princeton University	25	23	12	27	18	9
Public	Purdue University - West Lafayette	14	47	27	13	50	29
Private	Rensselaer Polytechnic Institute	3	159	53	5	108	41
Private	Rice University	12	56	24	7	86	34
Private	Rockefeller University	12	56	24	16	39	18
Private	Rush University	2	203	72	1	274	100
Public	Rutgers the State University of NJ - New Brunswick	11	62	35	13	50	29
Private	Saint Louis University - St. Louis	1	278	103	2	195	69
Public	San Diego State University	7	88	56	3	147	95
Private	Stanford University	52	2	2	44	2	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	1	278	176	1	274	175
Public	Stony Brook University	14	47	27	15	40	22
Private	Syracuse University	3	159	53	4	123	45
Public	Temple University	4	135	93	5	108	68
Public	Texas A&M University	11	62	35	10	67	42
Public	Texas A&M University System Health Sciences Center	0	544	310	0	522	305
Public	Texas Tech University	4	135	93	3	147	95
Private	Thomas Jefferson University	2	203	72	2	195	69
Private	Tufts University	6	98	34	7	86	34
Private	Tulane University	6	98	34	10	67	26
Public	University at Albany	7	88	56	4	123	79
Public	University at Buffalo	18	37	22	10	67	42
Public	University of Alabama - Birmingham	11	62	35	10	67	42
Public	University of Alabama - Huntsville	0	544	310	2	195	127
Public	University of Alabama - Tuscaloosa	2	203	132	3	147	95

2002 — Faculty Awards	2002 — National Rank	2002 — Control Rank	2001 — Faculty Awards	2001 — National Rank	2001 — Control Rank	2000 — Faculty Awards	2000 — National Rank	2000 — Control Rank
0	527	226	0	546	241	0	521	215
13	49	26	14	51	30	15	43	25
1	285	175	2	202	132	3	160	104
0	527	301	0	546	306	5	113	74
0	527	226	0	546	241	0	521	215
3	153	58	3	158	52	3	160	57
0	527	301	0	546	306	0	521	307
4	125	79	6	95	62	7	87	54
1	285	110	1	287	112	1	285	103
11	59	25	17	38	15	22	27	14
7	81	50	17	38	24	14	47	29
3	153	96	1	287	176	0	0	0
2	199	77	3	158	52	4	132	46
17	33	15	32	12	6	27	21	11
21	21	10	23	27	15	19	29	14
6	90	56	4	126	85	3	160	104
4	125	79	5	106	70	6	94	60
10	61	36	14	51	30	11	62	36
3	153	96	7	86	55	6	94	60
5	104	66	5	106	70	4	132	87
26	15	5	26	21	12	16	40	22
30	10	7	25	24	12	28	19	10
17	33	19	19	34	21	19	29	14
4	125	47	4	126	42	8	82	32
7	81	32	6	95	34	8	82	32
19	28	14	16	41	16	10	70	28
0	527	226	1	287	112	1	285	103
11	59	35	15	46	27	19	29	14
1	285	110	2	202	71	0	521	215
2	199	123	5	106	70	7	87	54
27	12	9	48	3	2	53	3	2
1	285	175	0	546	306	0	521	307
18	31	17	21	30	17	17	39	21
5	104	39	7	86	32	7	87	34
3	153	96	5	106	70	5	113	74
13	49	26	21	30	17	11	62	36
0	527	301	0	546	306	0	521	307
5	104	66	3	158	107	4	132	87
3	153	58	2	202	71	2	200	73
5	104	39	11	65	26	12	58	25
9	69	26	10	70	28	9	74	30
3	153	96	6	95	62	2	200	128
6	90	56	4	126	85	16	40	22
9	69	44	11	65	40	15	43	25
1	285	175	0	546	306	0	521	307
3	153	96	1	287	176	4	132	87

Faculty Awards							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Faculty Awards	2004 — National Rank	2004 — Control Rank	2003 — Faculty Awards	2003 — National Rank	2003 — Control Rank
Public	University of Alaska - Fairbanks	2	203	132	3	147	95
Public	University of Arizona	23	26	12	19	30	14
Public	University of Arkansas - Fayetteville	2	203	132	4	123	79
Public	University of Arkansas for Medical Sciences	3	159	107	0	522	305
Public	University of California - Berkeley	45	5	2	44	2	1
Public	University of California - Davis	22	29	14	21	27	12
Public	University of California - Irvine	17	41	24	11	58	35
Public	University of California - Los Angeles	37	9	5	37	8	6
Public	University of California - Riverside	12	56	33	9	74	45
Public	University of California - San Diego	38	8	4	37	8	6
Public	University of California - San Francisco	31	16	7	29	14	8
Public	University of California - Santa Barbara	9	76	46	11	58	35
Public	University of California - Santa Cruz	6	98	65	4	123	79
Public	University of Central Florida	3	159	107	3	147	95
Private	University of Chicago	23	26	15	25	19	10
Public	University of Cincinnati - Cincinnati	8	82	51	12	55	33
Public	University of Colorado - Boulder	18	37	22	19	30	14
Public	University of Colorado Health Sciences Center	6	98	65	9	74	45
Public	University of Connecticut - Health Center	6	98	65	4	123	79
Public	University of Connecticut - Storrs	10	70	41	6	99	61
Private	University of Dayton	1	278	103	0	522	218
Public	University of Delaware	9	76	46	5	108	68
Public	University of Florida	23	26	12	19	30	14
Public	University of Georgia	12	56	33	6	99	61
Public	University of Hawaii - Manoa	9	76	46	11	58	35
Public	University of Houston - University Park	2	203	132	5	108	68
Public	University of Idaho	3	159	107	2	195	127
Public	University of Illinois - Chicago	15	45	26	14	43	24
Public	University of Illinois - Urbana-Champaign	27	21	10	40	5	3
Public	University of Iowa	13	52	31	14	43	24
Public	University of Kansas - Lawrence	10	70	41	7	86	53
Public	University of Kansas Medical Center	0	544	310	1	274	175
Public	University of Kentucky	5	117	80	11	58	35
Public	University of Louisville	6	98	65	2	195	127
Public	University of Maine - Orono	1	278	176	3	147	95
Public	University of Maryland - Baltimore	5	117	80	0	522	305
Public	University of Maryland - Baltimore County	9	76	46	3	147	95
Public	University of Maryland - College Park	27	21	10	22	26	11
Public	University of Massachusetts - Amherst	10	70	41	15	40	22
Public	University of Massachusetts Medical Sch - Worcester	7	88	56	7	86	53
Public	University of Medicine & Dentistry of New Jersey	6	98	65	5	108	68
Private	University of Miami	4	135	43	7	86	34
Public	University of Michigan - Ann Arbor	47	4	1	39	6	4
Public	University of Minnesota - Twin Cities	22	29	14	14	43	24
Public	University of Mississippi - Oxford	1	278	176	1	274	175
Public	University of Mississippi Medical Center	0	544	310	0	522	305

2002 — Faculty Awards	2002 — National Rank	2002 — Control Rank	2001 — Faculty Awards	2001 — National Rank	2001 — Control Rank	2000 — Faculty Awards	2000 — National Rank	2000 — Control Rank
0	527	301	3	158	107	1	285	183
21	21	10	16	41	26	18	36	20
4	125	79	3	158	107	1	285	183
0	527	301	0	546	306	0	521	307
27	12	4	47	4	2	56	2	1
10	61	36	24	25	13	19	29	14
15	41	23	10	70	43	12	58	34
26	15	5	39	5	3	51	4	2
4	125	79	8	79	51	3	160	104
17	33	19	30	14	8	29	17	8
10	61	36	32	12	7	31	13	6
14	45	25	9	76	48	9	74	45
5	104	66	4	126	85	7	87	54
4	125	79	0	546	306	2	200	128
17	33	15	27	18	8	35	8	5
10	61	36	14	51	30	8	82	51
26	15	5	17	38	24	15	43	25
9	69	44	8	79	51	9	74	45
4	125	79	3	158	107	3	160	104
8	78	47	14	51	30	8	82	51
1	285	110	0	546	241	0	521	215
7	81	50	4	126	85	9	74	45
16	38	22	24	25	13	27	21	11
6	90	56	15	46	27	11	62	36
3	153	96	7	86	55	4	132	87
4	125	79	4	126	85	6	94	60
2	199	123	2	202	132	2	200	128
12	56	33	12	61	37	16	40	22
26	15	5	34	9	5	32	11	4
17	33	19	14	51	30	11	62	36
13	49	26	9	76	48	14	47	29
3	153	96	4	126	85	5	113	74
10	61	36	12	61	37	14	47	29
8	78	47	5	106	70	2	200	128
5	104	66	3	158	107	5	113	74
3	153	96	5	106	70	5	113	74
2	199	123	3	158	107	6	94	60
19	28	15	21	30	17	12	58	34
10	61	36	14	51	30	13	53	32
7	81	50	8	79	51	9	74	45
7	81	50	6	95	62	6	94	60
7	81	32	2	202	71	3	160	57
44	3	2	52	1	1	32	11	4
18	31	17	28	17	10	30	15	7
3	153	96	0	546	306	2	200	128
0	527	301	0	546	306	0	521	307

Faculty Awards							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Faculty Awards	2004 — National Rank	2004 — Control Rank	2003 — Faculty Awards	2003 — National Rank	2003 — Control Rank
Public	University of Missouri - Columbia	8	82	51	14	43	24
Public	University of Montana - Missoula	1	278	176	1	274	175
Public	University of Nebraska - Lincoln	5	117	80	2	195	127
Public	University of Nebraska Medical Center	2	203	132	4	123	79
Public	University of Nevada - Las Vegas	2	203	132	1	274	175
Public	University of Nevada - Reno	6	98	65	4	123	79
Public	University of New Hampshire - Durham	7	88	56	4	123	79
Public	University of New Mexico - Albuquerque	5	117	80	3	147	95
Public	University of North Carolina - Chapel Hill	30	18	8	19	30	14
Public	University of North Dakota	1	278	176	1	274	175
Private	University of Notre Dame	13	52	22	9	74	30
Public	University of Oklahoma - Norman	4	135	93	8	79	47
Public	University of Oklahoma Health Sciences Center	2	203	132	1	274	175
Public	University of Oregon	7	88	56	11	58	35
Private	University of Pennsylvania	31	16	10	23	21	12
Public	University of Pittsburgh - Pittsburgh	20	36	21	13	50	29
Public	University of Puerto Rico - Medical Sciences	0	544	310	0	522	305
Public	University of Rhode Island	2	203	132	3	147	95
Private	University of Rochester	8	82	32	11	58	24
Public	University of South Carolina - Columbia	7	88	56	6	99	61
Public	University of South Florida	6	98	65	8	79	47
Private	University of Southern California	10	70	30	23	21	12
Public	University of Southern Mississippi	0	544	310	0	522	305
Public	University of Tennessee - Knoxville	9	76	46	1	274	175
Public	University of Texas - Austin	30	18	8	23	21	10
Public	University of Texas Health Science Center - Houston	7	88	56	6	99	61
Public	University of Texas Health Science Ctr - San Antonio	6	98	65	8	79	47
Public	University of Texas MD Anderson Cancer Center	0	544	310	1	274	175
Public	University of Texas Medical Branch - Galveston	4	135	93	5	108	68
Public	University of Texas SW Medical Center - Dallas	17	41	24	13	50	29
Public	University of Utah	22	29	14	19	30	14
Public	University of Vermont	6	98	65	5	108	68
Public	University of Virginia	21	33	18	17	36	19
Public	University of Washington - Seattle	34	13	6	38	7	5
Public	University of Wisconsin - Madison	43	6	3	44	2	1
Public	University of Wyoming	4	135	93	1	274	175
Public	US Naval Postgraduate School	0	544	310	1	274	175
Public	Utah State University	3	159	107	3	147	95
Private	Vanderbilt University	24	24	13	19	30	17
Public	Virginia Commonwealth University	4	135	93	7	86	53
Public	Virginia Polytechnic Institute and State University	3	159	107	8	79	47
Private	Wake Forest University	5	117	38	4	123	45
Public	Washington State University - Pullman	10	70	41	11	58	35
Private	Washington University in St. Louis	29	20	11	29	14	7
Public	Wayne State University	10	70	41	7	86	53
Public	West Virginia University	1	278	176	0	522	305
Private	Woods Hole Oceanographic Institution	0	544	235	1	274	100
Private	Yale University	39	7	4	35	11	4
Private	Yeshiva University	9	76	31	7	86	34

2002 — Faculty Awards	2002 — National Rank	2002 — Control Rank	2001 — Faculty Awards	2001 — National Rank	2001 — Control Rank	2000 — Faculty Awards	2000 — National Rank	2000 — Control Rank
13	49	26	10	70	43	9	74	45
1	285	175	6	95	62	2	200	128
6	90	56	6	95	62	5	113	74
2	199	123	3	158	107	3	160	104
2	199	123	2	202	132	3	160	104
6	90	56	6	95	62	4	132	87
3	153	96	7	86	55	6	94	60
7	81	50	6	95	62	6	94	60
24	19	9	30	14	8	29	17	8
0	527	301	3	158	107	4	132	87
14	45	21	12	61	25	13	53	22
2	199	123	10	70	43	2	200	128
2	199	123	2	202	132	4	132	87
8	78	47	12	61	37	5	113	74
31	8	5	33	11	5	42	5	3
15	41	23	18	36	22	11	62	36
0	527	301	0	546	306	0	521	307
1	285	175	4	126	85	3	160	104
9	69	26	8	79	29	12	58	25
10	61	36	11	65	40	10	70	43
5	104	66	4	126	85	8	82	51
23	20	11	22	29	13	19	29	16
1	285	175	1	287	176	1	285	183
5	104	66	5	106	70	6	94	60
20	25	13	23	27	15	28	19	10
5	104	66	5	106	70	4	132	87
9	69	44	8	79	51	7	87	54
0	527	301	0	546	306	2	200	128
2	199	123	2	202	132	1	285	183
12	56	33	18	36	22	19	29	14
19	28	15	15	46	27	19	29	14
6	90	56	7	86	55	7	87	54
20	25	13	27	18	11	25	24	12
42	5	3	37	8	4	37	7	3
52	2	1	34	9	5	25	24	12
4	125	79	4	126	85	3	160	104
0	527	301	0	546	306	0	521	307
3	153	96	5	106	70	0	521	307
15	41	19	15	46	20	18	36	17
6	90	56	7	86	55	4	132	87
10	61	36	5	106	70	7	87	54
4	125	47	4	126	42	2	200	73
6	90	56	7	86	55	9	74	45
31	8	5	26	21	10	30	15	9
5	104	66	4	126	85	6	94	60
0	527	301	4	126	85	2	200	128
2	199	77	1	287	112	0	521	215
28	11	8	27	18	8	27	21	11
6	90	35	5	106	37	5	113	40

Doctorates Awarded		2004 — Doctorates	2004 — National Rank	2004 — Control Rank	2003 — Doctorates	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	5	484	223	4	488	219
Public	Arizona State University - Tempe	355	35	24	300	39	26
Public	Auburn University	161	90	63	159	86	60
Private	Baylor College of Medicine	78	156	60	60	192	78
Private	Boston College	122	117	41	143	98	31
Private	Boston University	267	54	17	270	46	14
Private	Brandeis University	82	150	56	93	136	51
Private	Brown University	147	102	33	143	98	31
Private	California Institute of Technology	166	87	26	137	102	33
Private	Carnegie Mellon University	195	74	23	164	82	26
Private	Case Western Reserve University	203	72	22	179	77	24
Private	Charles R. Drew University of Medicine and Science	0	575	332	0	572	336
Public	Clemson University	113	120	78	116	119	78
Public	College of William and Mary	56	199	121	59	195	116
Public	Colorado State University	160	91	64	182	75	52
Private	Columbia University	495	17	5	433	20	6
Private	Cornell University	412	24	8	413	23	7
Private	Cornell University Weill Medical College	24	306	132	23	306	138
Private	Dartmouth College	55	204	82	67	180	73
Public	Desert Research Institute	NR			NR		
Private	Drexel University	111	122	43	108	124	42
Private	Duke University	259	55	18	253	52	17
Private	Emory University	164	88	27	154	90	28
Public	Florida International University	78	156	97	60	192	115
Public	Florida State University	271	53	37	290	41	28
Public	George Mason University	149	100	69	138	101	69
Private	George Washington University	255	57	19	228	61	19
Private	Georgetown University	71	171	65	88	144	55
Public	Georgia Institute of Technology	311	42	28	225	62	43
Public	Georgia State University	113	120	78	123	114	74
Private	Harvard University	572	12	4	548	13	4
Private	Howard University	99	136	48	93	136	51
Public	Indiana University - Bloomington	391	28	19	389	26	18
Public	Indiana University-Purdue University - Indianapolis	35	259	150	24	299	167
Public	Iowa State University	239	63	43	238	56	38
Public	Jackson State University	39	243	143	31	271	156
Private	Johns Hopkins University	362	33	11	364	31	11
Public	Kansas State University	146	103	70	145	95	66
Private	Loma Linda University	65	180	70	68	178	72
Public	Louisiana State University - Baton Rouge	240	62	42	211	66	47
Public	Louisiana State University Health Sciences Center	39	243	143	22	314	173
Private	Loyola University Chicago	142	105	35	166	80	25
Private	Massachusetts Institute of Technology	467	19	6	440	19	5
Public	Medical College of Georgia	7	451	213	15	355	183
Private	Medical College of Wisconsin	29	283	118	16	349	169
Public	Medical University of South Carolina	30	278	161	35	252	147

2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
10	392	200	14	343	182	11	357	191
313	39	27	277	44	30	286	42	29
143	95	65	153	91	64	186	75	53
41	227	93	51	196	76	61	176	62
120	111	36	109	116	39	116	115	40
246	52	15	304	39	14	274	49	15
102	130	46	104	122	44	111	122	43
148	92	29	135	98	29	149	93	29
139	98	31	159	84	27	127	103	32
176	77	24	169	78	24	152	91	28
175	78	25	201	67	17	202	69	19
0	544	307	0	548	309	0	530	291
116	112	76	110	115	77	116	115	76
60	183	112	58	187	117	64	170	111
148	92	64	157	88	61	180	79	56
452	17	6	465	18	6	461	19	6
376	26	9	429	21	7	436	22	7
36	250	107	41	222	90	32	246	101
40	233	97	50	199	78	38	222	85
NR			NR			NR		
86	138	50	51	196	76	33	238	98
246	52	15	259	49	16	230	63	17
178	75	23	167	80	26	160	85	27
52	205	124	69	164	104	58	179	116
248	51	37	252	52	36	263	51	36
129	102	70	138	97	69	132	98	67
223	58	18	192	71	20	236	61	16
81	145	53	71	160	58	107	126	45
257	48	34	255	51	35	230	63	47
127	105	72	134	99	70	107	126	82
543	12	3	520	13	3	602	8	1
102	130	46	96	130	46	121	110	38
347	32	21	404	23	16	409	25	17
29	274	159	38	230	136	43	214	133
239	54	38	232	61	45	238	59	44
26	288	163	17	324	173	15	329	179
373	27	10	384	26	8	351	32	11
152	90	62	145	94	67	132	98	67
66	169	65	38	230	95	42	218	83
222	59	41	264	47	32	275	47	33
32	265	155	29	261	151	33	238	141
206	65	19	118	110	35	163	84	26
501	15	4	492	16	5	475	17	5
16	345	183	13	351	185	13	343	184
17	340	160	16	329	154	11	357	167
39	238	138	32	252	144	25	276	158

Doctorates Awarded		2004 — Doctorates	2004 — National Rank	2004 — Control Rank	2003 — Doctorates	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	16	359	170	8	440	233
Public	Michigan State University	430	22	16	442	17	13
Public	Mississippi State University	85	148	93	93	136	86
Public	Montana State University - Bozeman	42	234	138	42	237	135
Private	Morehouse School of Medicine	3	512	280	3	515	288
Private	Mount Sinai School of Medicine	27	291	122	27	287	125
Public	New Jersey Institute of Technology	69	175	109	46	224	130
Public	New Mexico State University - Las Cruces	78	156	97	75	162	99
Private	New York Medical College	7	451	238	6	460	246
Private	New York University	407	25	9	411	25	8
Public	North Carolina State University	338	37	25	322	36	24
Public	North Dakota State University	32	273	157	33	263	152
Private	Northeastern University	69	175	67	93	136	51
Private	Northwestern University	367	32	10	370	30	10
Public	Ohio State University - Columbus	561	13	9	575	10	8
Public	Ohio University - Athens	111	122	80	111	122	81
Public	Oklahoma State University - Stillwater	204	71	50	182	75	52
Public	Oregon Health & Science University	49	218	129	27	287	163
Public	Oregon State University	173	84	59	171	79	55
Public	Pennsylvania State University - Hershey Medical Ctr	30	278	161	41	239	137
Public	Pennsylvania State University - University Park	539	14	10	503	14	10
Private	Princeton University	276	50	15	260	49	15
Public	Purdue University - West Lafayette	446	20	14	463	16	12
Private	Rensselaer Polytechnic Institute	156	95	29	136	103	34
Private	Rice University	126	113	38	107	125	43
Private	Rockefeller University	13	377	183	34	260	109
Private	Rush University	35	259	110	33	263	112
Public	Rutgers the State University of NJ - New Brunswick	382	29	20	358	32	21
Private	Saint Louis University - St. Louis	155	96	30	151	92	29
Public	San Diego State University	50	214	127	40	242	139
Private	Stanford University	625	8	2	611	7	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	16	359	189	6	460	214
Public	Stony Brook University	285	48	34	298	40	27
Private	Syracuse University	151	99	31	121	115	41
Public	Temple University	334	39	26	161	85	59
Public	Texas A&M University	515	15	11	442	17	13
Public	Texas A&M University System Health Sciences Center	9	421	207	4	488	219
Public	Texas Tech University	174	83	58	163	83	57
Private	Thomas Jefferson University	16	359	170	18	340	162
Private	Tufts University	99	136	48	85	150	59
Private	Tulane University	127	112	37	105	127	45
Public	University at Albany	168	85	60	165	81	56
Public	University at Buffalo	299	44	30	269	47	33
Public	University of Alabama - Birmingham	111	122	80	155	89	62
Public	University of Alabama - Huntsville	31	274	158	21	319	175
Public	University of Alabama - Tuscaloosa	158	94	66	178	78	54

2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
10	392	193	14	343	162	10	370	175
428	20	14	414	22	15	444	21	15
96	133	85	99	128	83	128	102	71
36	250	144	30	258	149	32	246	146
2	501	275	1	528	292	0	530	291
35	254	108	21	298	132	27	268	114
53	202	121	66	174	108	52	192	121
77	151	96	79	149	96	76	153	99
8	414	210	12	358	171	14	332	152
415	21	7	368	29	11	402	27	9
300	41	28	306	38	25	316	37	24
24	300	168	23	290	163	19	303	170
60	183	72	77	151	55	76	153	55
349	31	11	350	33	12	321	35	13
617	4	4	620	6	6	620	5	5
112	120	79	106	121	78	120	112	73
188	71	51	236	57	41	185	76	54
34	260	150	21	298	167	38	222	138
156	88	60	161	83	57	158	87	60
20	320	172	10	382	192	22	290	163
519	13	10	526	11	10	513	13	10
230	56	17	268	45	15	279	45	14
409	22	15	464	19	13	468	18	13
115	116	39	100	125	45	93	133	49
106	127	44	126	103	31	115	117	41
30	270	114	15	338	158	19	303	134
32	265	111	38	230	95	44	211	81
363	29	19	392	25	18	371	29	19
110	123	42	144	95	28	123	107	35
36	250	144	27	272	156	32	246	146
548	11	2	573	9	1	589	10	2
10	392	200	14	343	182	14	332	181
361	30	20	231	62	46	244	58	43
129	102	33	121	106	34	147	94	30
226	57	40	238	56	40	263	51	36
504	14	11	509	15	11	490	14	11
11	378	196	9	395	198	NA		
140	97	67	139	96	68	141	96	65
5	452	238	11	366	177	16	323	145
96	133	49	88	144	50	100	130	47
136	101	32	125	104	32	126	104	33
159	85	57	129	102	72	155	89	62
231	55	39	294	40	26	303	40	27
125	108	74	121	106	73	125	106	72
34	260	150	30	258	149	29	258	152
157	87	59	166	81	55	150	92	64

Doctorates Awarded		2004 — Doctorates	2004 — National Rank	2004 — Control Rank	2003 — Doctorates	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	20	335	184	36	250	145
Public	University of Arizona	398	27	18	378	28	19
Public	University of Arkansas - Fayetteville	110	127	82	120	117	76
Public	University of Arkansas for Medical Sciences	12	389	194	15	355	183
Public	University of California - Berkeley	775	1	1	772	1	1
Public	University of California - Davis	375	31	22	373	29	20
Public	University of California - Irvine	187	79	54	188	72	50
Public	University of California - Los Angeles	666	5	4	596	8	6
Public	University of California - Riverside	141	106	71	121	115	75
Public	University of California - San Diego	327	41	27	279	42	29
Public	University of California - San Francisco	95	143	91	80	156	97
Public	University of California - Santa Barbara	253	58	39	251	53	36
Public	University of California - Santa Cruz	107	130	83	104	128	83
Public	University of Central Florida	132	110	75	110	123	82
Private	University of Chicago	331	40	14	332	35	12
Public	University of Cincinnati - Cincinnati	212	69	49	237	57	39
Public	University of Colorado - Boulder	286	47	33	303	38	25
Public	University of Colorado Health Sciences Center	60	195	118	41	239	137
Public	University of Connecticut - Health Center	0	575	243	0	572	236
Public	University of Connecticut - Storrs	257	56	38	237	57	39
Private	University of Dayton	25	302	128	21	319	145
Public	University of Delaware	177	82	57	135	105	70
Public	University of Florida	694	4	3	591	9	7
Public	University of Georgia	404	26	17	414	22	16
Public	University of Hawaii - Manoa	116	119	77	131	107	71
Public	University of Houston - University Park	196	73	51	203	69	49
Public	University of Idaho	70	173	108	90	141	87
Public	University of Illinois - Chicago	233	66	46	225	62	43
Public	University of Illinois - Urbana-Champaign	574	10	8	617	5	4
Public	University of Iowa	300	43	29	249	54	37
Public	University of Kansas - Lawrence	239	63	43	232	60	42
Public	University of Kansas Medical Center	17	354	187	11	399	194
Public	University of Kentucky	233	66	46	208	67	48
Public	University of Louisville	106	131	84	89	142	88
Public	University of Maine - Orono	40	241	141	45	227	132
Public	University of Maryland - Baltimore	103	132	85	70	171	103
Public	University of Maryland - Baltimore County	65	180	111	67	180	108
Public	University of Maryland - College Park	482	18	13	418	21	15
Public	University of Massachusetts - Amherst	274	51	36	213	65	46
Public	University of Massachusetts Medical Sch - Worcester	30	278	161	24	299	167
Public	University of Medicine & Dentistry of New Jersey	185	80	55	114	120	79
Private	University of Miami	159	93	28	127	108	37
Public	University of Michigan - Ann Arbor	660	6	5	617	5	4
Public	University of Minnesota - Twin Cities	592	9	7	560	11	9
Public	University of Mississippi - Oxford	73	168	106	83	153	94
Public	University of Mississippi Medical Center	15	365	190	15	355	183

2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
19	327	176	27	272	156	20	298	166
370	28	18	359	31	20	405	26	18
106	127	84	90	139	92	86	139	90
16	345	183	21	298	167	22	290	163
805	1	1	759	1	1	756	1	1
346	33	22	337	34	22	357	30	20
175	78	54	187	75	53	202	69	51
593	8	8	612	7	7	606	6	6
116	112	76	94	132	86	115	117	77
278	44	30	285	42	28	294	41	28
84	141	90	93	135	88	77	152	98
199	68	49	258	50	34	232	62	46
93	135	86	104	122	79	90	135	86
123	109	75	89	143	94	66	167	108
333	35	12	371	28	10	391	28	10
214	63	45	248	54	38	238	59	44
258	47	33	292	41	27	266	50	35
41	227	135	40	225	134	211		131
0	544	238	0	548	240	0	530	240
221	60	42	234	60	44	275	47	33
41	227	93	28	267	114	31	251	103
137	99	68	162	82	56	164	83	58
607	6	6	574	8	8	516	12	9
393	23	16	351	32	21	352	31	21
110	123	82	154	90	63	153	90	63
183	73	52	209	66	50	204	68	50
58	191	115	64	180	113	79	147	95
177	76	53	195	69	51	201	71	52
602	7	7	667	3	3	597	9	8
320	38	26	334	35	23	317	36	23
204	66	47	231	62	46	246	56	41
20	320	172	17	324	173	12	349	186
216	62	44	219	65	49	249	55	40
90	136	87	65	179	112	76	153	99
39	238	138	41	222	133	49	203	126
81	145	93	72	158	102	73	158	102
53	202	121	50	199	122	46	206	128
430	19	13	430	20	14	461	19	14
287	43	29	261	48	33	276	46	32
14	357	187	22	295	166	20	298	166
66	169	105	69	164	104	69	165	107
116	112	37	109	116	39	176	80	24
610	5	5	567	10	9	629	4	4
560	9	9	632	5	5	604	7	7
84	141	90	92	137	90	80	146	94
13	363	190	10	382	192	14	332	181

Doctorates Awarded							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Doctorates	2004 — National Rank	2004 — Control Rank	2003 — Doctorates	2003 — National Rank	2003 — Control Rank
Public	University of Missouri - Columbia	251	59	40	274	43	30
Public	University of Montana - Missoula	38	251	146	33	263	152
Public	University of Nebraska - Lincoln	236	65	45	254	50	35
Public	University of Nebraska Medical Center	23	312	177	23	306	169
Public	University of Nevada - Las Vegas	44	227	133	37	248	144
Public	University of Nevada - Reno	77	161	101	95	134	85
Public	University of New Hampshire - Durham	46	223	131	54	207	124
Public	University of New Mexico - Albuquerque	195	74	52	162	84	58
Public	University of North Carolina - Chapel Hill	439	21	15	412	24	17
Public	University of North Dakota	58	197	119	57	198	118
Private	University of Notre Dame	149	100	32	135	105	36
Public	University of Oklahoma - Norman	136	108	73	143	98	68
Public	University of Oklahoma Health Sciences Center	26	294	171	16	349	181
Public	University of Oregon	164	88	62	156	88	61
Private	University of Pennsylvania	414	23	7	385	27	9
Public	University of Pittsburgh - Pittsburgh	382	29	20	348	33	22
Public	University of Puerto Rico - Medical Sciences	7	451	213	3	515	227
Public	University of Rhode Island	79	154	95	77	159	98
Private	University of Rochester	210	70	21	193	70	21
Public	University of South Carolina - Columbia	241	60	41	235	59	41
Public	University of South Florida	179	81	56	153	91	63
Private	University of Southern California	573	11	3	559	12	3
Public	University of Southern Mississippi	139	107	72	117	118	77
Public	University of Tennessee - Knoxville	280	49	35	262	48	34
Public	University of Texas - Austin	702	3	2	674	3	2
Public	University of Texas Health Science Center - Houston	98	138	89	75	162	99
Public	University of Texas Health Science Ctr - San Antonio	34	263	152	25	296	166
Public	University of Texas MD Anderson Cancer Center	NR			NR		
Public	University of Texas Medical Branch - Galveston	35	259	150	35	252	147
Public	University of Texas SW Medical Center - Dallas	47	220	130	42	237	135
Public	University of Utah	216	68	48	225	62	43
Public	University of Vermont	53	206	124	35	252	147
Public	University of Virginia	358	34	23	337	34	23
Public	University of Washington - Seattle	503	16	12	493	15	11
Public	University of Wisconsin - Madison	628	7	6	656	4	3
Public	University of Wyoming	42	234	138	56	201	121
Public	US Naval Postgraduate School	NR			12	387	190
Public	Utah State University	64	183	113	59	195	116
Private	Vanderbilt University	189	78	25	189	71	22
Public	Virginia Commonwealth University	153	97	67	114	120	79
Public	Virginia Polytechnic Institute and State University	290	46	32	272	44	31
Private	Wake Forest University	39	243	101	35	252	106
Public	Washington State University - Pullman	167	86	61	126	109	72
Private	Washington University in St. Louis	241	60	20	207	68	20
Public	Wayne State University	194	76	53	188	72	50
Public	West Virginia University	160	91	64	150	94	65
Private	Woods Hole Oceanographic Institution	NR			NR		
Private	Yale University	340	36	12	317	37	13
Private	Yeshiva University	121	118	42	125	111	38

2002 — Doctorates	2002 — National Rank	2002 — Control Rank	2001 — Doctorates	2001 — National Rank	2001 — Control Rank	2000 — Doctorates	2000 — National Rank	2000 — Control Rank
252	50	36	278	43	29	256	53	38
37	249	143	26	277	159	33	238	141
213	64	46	235	58	42	251	54	39
27	282	160	23	290	163	33	238	141
35	254	147	31	256	148	31	251	149
72	160	100	60	184	115	84	141	92
55	196	117	43	214	127	49	203	126
189	70	50	174	77	54	184	77	55
390	24	17	398	24	17	425	24	16
30	270	157	44	211	126	39	221	137
116	112	37	132	100	30	147	94	30
158	86	58	158	86	59	167	82	57
17	340	181	18	319	172	17	313	176
137	99	68	156	89	62	138	97	66
380	25	8	373	27	9	427	23	8
336	34	23	360	30	19	316	37	24
6	437	210	12	358	188	4	443	215
77	151	96	95	131	85	84	141	92
185	72	21	196	68	18	211	67	18
253	49	35	235	58	42	246	56	41
165	83	55	158	86	59	131	101	70
496	16	5	522	12	2	481	16	4
112	120	79	112	113	76	108	125	81
276	45	31	239	55	39	286	42	29
639	3	3	733	2	2	659	3	3
82	144	92	75	156	100	87	138	89
34	260	150	36	236	138	24	283	161
NR			NR			NR		
40	233	137	29	261	151	35	235	140
48	213	128	42	215	128	55	189	119
218	61	43	192	71	52	215	66	49
54	201	120	60	184	115	58	179	116
321	37	25	316	36	24	343	33	22
452	17	12	486	17	12	486	15	12
650	2	2	661	4	4	729	2	2
55	196	117	70	162	103	73	158	102
NR			NR			NR		
69	165	104	66	174	108	71	162	105
190	69	20	192	71	20	190	74	22
108	126	83	104	122	79	112	121	79
326	36	24	268	45	31	309	39	26
24	300	133	25	283	123	28	264	111
161	84	56	149	92	65	118	114	75
173	81	27	175	76	23	199	72	20
202	67	48	230	64	48	222	65	48
142	96	66	130	101	71	132	98	67
NR			NR			NR		
310	40	13	313	37	13	334	34	12
109	125	43	115	112	37	126	104	33

Postdoctoral Appointees							
Institutions with Over \$20 Million In Federal Research, Alphabetically		2003 — Postdocs	2003 — National Rank	2003 — Control Rank	2002 — Postdocs	2002 — National Rank	2002 — Control Rank
Public	Alabama A&M University	0	273	186	9	227	160
Public	Arizona State University - Tempe	109	105	70	105	101	69
Public	Auburn University	48	142	100	38	151	104
Private	Baylor College of Medicine	358	36	16	365	34	17
Private	Boston College	27	179	53	39	149	47
Private	Boston University	139	88	32	78	118	39
Private	Brandeis University	92	113	39	81	117	38
Private	Brown University	95	109	37	94	109	35
Private	California Institute of Technology	528	24	11	527	22	11
Private	Carnegie Mellon University	200	69	29	168	74	27
Private	Case Western Reserve University	348	41	20	322	41	21
Private	Charles R. Drew University of Medicine and Science	0	273	88	0	275	86
Public	Clemson University	38	156	108	40	148	102
Public	College of William and Mary	28	175	123	29	168	117
Public	Colorado State University	220	66	39	196	68	42
Private	Columbia University	353	38	17	302	45	22
Private	Cornell University	349	40	19	548	19	9
Private	Cornell University Weill Medical College	265	58	26	216	64	25
Private	Dartmouth College	159	80	30	138	82	29
Public	Desert Research Institute						
Private	Drexel University	0	273	88	0	275	86
Private	Duke University	679	14	7	665	14	7
Private	Emory University	532	23	10	452	24	12
Public	Florida International University	25	184	130	26	175	123
Public	Florida State University	143	86	55	104	103	70
Public	George Mason University	0	273	186	0	275	190
Private	George Washington University	43	150	46	50	139	44
Private	Georgetown University	57	133	42	62	130	42
Public	Georgia Institute of Technology	31	171	119	34	156	109
Public	Georgia State University	67	129	88	68	126	85
Private	Harvard University	3852	1	1	3698	1	1
Private	Howard University	24	185	55	22	189	57
Public	Indiana University - Bloomington	131	93	60	150	80	52
Public	Indiana University-Purdue University - Indianapolis	188	72	43	225	62	38
Public	Iowa State University	225	64	37	203	66	41
Public	Jackson State University	19	203	143	17	203	143
Private	Johns Hopkins University	1313	2	2	1301	3	2
Public	Kansas State University	138	89	57	133	86	56
Private	Loma Linda University	21	197	58	26	175	53
Public	Louisiana State University - Baton Rouge	132	92	59	86	114	79
Public	Louisiana State University Health Sciences Center	59	131	90	59	134	91
Private	Loyola University Chicago	89	116	40	86	114	36
Private	Massachusetts Institute of Technology	940	7	5	986	6	5
Public	Medical College of Georgia	93	112	74	88	112	77
Private	Medical College of Wisconsin	101	108	36	105	101	33
Public	Medical University of South Carolina	168	76	47	183	71	45
Private	Meharry Medical College	20	202	60	0	275	86

2001 — Postdocs	2001 — National Rank	2001 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank
0	272	181	0	282	193	2	259	175
81	110	73	60	132	90	75	113	75
34	157	109	36	156	108	33	159	108
506	24	13	430	28	14	394	25	13
37	153	48	38	152	48	36	152	48
87	107	37	129	88	30	183	70	28
91	106	36	97	106	36	100	100	35
106	101	33	81	115	38	187	67	27
529	21	11	495	22	11	497	17	9
140	82	29	130	87	29	144	80	30
281	47	23	365	34	18	349	28	15
0	272	92	0	282	90	0	284	93
37	153	106	35	158	110	17	194	129
22	188	130	17	197	136	17	194	129
218	63	37	144	79	52	255	48	27
315	41	21	352	37	20	352	27	14
518	22	12	459	25	12	430	21	10
171	75	27	151	78	27	177	74	29
98	104	35	107	95	33	115	91	33
52	136	44	70	122	41	65	122	40
635	13	8	646	14	8	571	12	6
415	30	15	373	33	17	200	66	26
31	164	113	31	167	114	0	284	192
116	96	65	102	99	65	99	102	67
1	264	177	5	242	167	7	231	155
55	133	43	35	158	49	50	138	44
76	112	38	59	133	43	70	119	39
64	121	81	98	104	70	0	284	192
39	147	102	44	142	98	45	143	98
3597	1	1	3491	1	1	3291	1	1
14	207	66	7	230	73	33	159	52
144	79	52	167	71	46	143	81	51
212	65	39	256	51	27	255	48	27
180	71	45	180	67	42	179	71	43
8	229	157	8	227	155	0	284	192
1159	3	3	1029	4	4	1239	3	3
122	90	61	100	102	68	88	107	69
41	144	45	35	158	49	63	125	42
84	108	71	88	111	74	72	117	79
56	132	90	78	117	79	74	114	76
74	114	39	76	118	39	58	128	43
828	10	6	794	10	6	498	16	8
84	108	71	88	111	74	72	117	79
121	91	30	111	94	32	94	105	38
216	64	38	165	72	47	185	69	42
17	196	60	16	200	62	18	192	65

Postdoctoral Appointees							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Postdocs	2003 — National Rank	2003 — Control Rank	2002 — Postdocs	2002 — National Rank	2002 — Control Rank
Public	Michigan State University	401	31	17	377	33	17
Public	Mississippi State University	49	141	99	35	154	107
Public	Montana State University - Bozeman	90	114	75	106	100	68
Private	Morehouse School of Medicine	44	147	44	44	143	45
Private	Mount Sinai School of Medicine	468	28	13	0	275	86
Public	New Jersey Institute of Technology	19	203	143	21	193	136
Public	New Mexico State University - Las Cruces	0	273	186	0	275	190
Private	New York Medical College	34	164	50	60	132	43
Private	New York University	274	57	25	326	40	20
Public	North Carolina State University	363	35	20	301	46	24
Public	North Dakota State University	56	135	93	45	142	98
Private	Northeastern University	40	153	48	29	168	52
Private	Northwestern University	234	63	27	156	79	28
Public	Ohio State University - Columbus	381	33	19	331	38	19
Public	Ohio University - Athens	28	175	123	19	199	141
Public	Oklahoma State University - Stillwater	55	137	95	55	136	93
Public	Oregon Health & Science University	76	122	82	123	93	62
Public	Oregon State University	116	102	67	107	99	67
Public	Pennsylvania State University - Hershey Medical Ctr	57	133	92	68	126	85
Public	Pennsylvania State University - University Park	312	49	27	266	54	30
Private	Princeton University	340	42	21	348	36	18
Public	Purdue University - West Lafayette	288	53	30	237	57	33
Private	Rensselaer Polytechnic Institute	74	124	41	75	121	40
Private	Rice University	135	91	33	127	90	31
Private	Rockefeller University	374	34	15	334	37	19
Private	Rush University	19	203	61	41	146	46
Public	Rutgers the State University of NJ - New Brunswick	160	79	50	135	83	54
Private	Saint Louis University - St. Louis	44	147	44	32	160	49
Public	San Diego State University	12	220	153	12	217	152
Private	Stanford University	1236	4	3	1214	4	3
Public	State Univ. of New York Health Science Ctr - Brooklyn	0	273	186	0	275	190
Public	Stony Brook University	175	73	44	229	61	37
Private	Syracuse University	36	161	49	33	159	48
Public	Temple University	71	127	86	78	118	80
Public	Texas A&M University	264	59	33	281	50	26
Public	Texas A&M University System Health Sciences Center	64	130	89	71	124	84
Public	Texas Tech University	53	139	97	60	132	90
Private	Thomas Jefferson University	211	68	28	203	66	26
Private	Tufts University	351	39	18	407	30	15
Private	Tulane University	95	109	37	86	114	36
Public	University at Albany	102	107	72	30	166	115
Public	University at Buffalo	319	46	24	330	39	20
Public	University of Alabama - Birmingham	198	70	41	230	59	35
Public	University of Alabama - Huntsville	0	273	186	0	275	190
Public	University of Alabama - Tuscaloosa	38	156	108	30	166	115
Public	University of Alaska - Fairbanks	0	273	186	0	275	190
Public	University of Arizona	403	30	16	409	29	15

2001 — Postdocs	2001 — National Rank	2001 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank
289	44	23	284	46	22	258	47	26
28	174	121	28	174	120	24	178	117
79	111	74	70	122	82	74	114	76
33	158	49	25	179	57	25	173	59
0	272	92	0	282	90	0	284	93
12	214	146	13	213	143	0	284	192
0	272	181	0	282	193	18	192	128
33	158	49	33	164	53	36	152	48
284	45	22	313	41	23	293	36	19
209	66	40	118	93	62	203	64	39
46	141	97	38	152	105	37	151	104
32	160	51	35	158	49	26	171	57
251	55	25	135	82	28	249	50	22
283	46	24	288	44	20	264	44	23
14	207	142	31	167	114	34	156	107
43	142	98	42	146	100	35	155	106
160	77	50	142	80	53	84	110	72
107	99	68	107	95	63	85	109	71
49	139	95	51	140	96	51	137	94
258	53	29	261	50	26	246	52	29
339	36	18	320	39	21	315	33	17
247	57	32	243	54	30	228	58	34
64	121	41	72	121	40	46	142	45
107	99	32	123	92	31	118	90	32
324	38	19	231	58	25	275	40	20
59	129	42	44	142	45	25	173	59
123	89	60	153	77	51	151	79	50
29	172	53	56	134	44	38	148	46
1	264	177	1	269	184	0	284	192
1210	2	2	1196	2	2	1242	2	2
0	272	181	0	282	193	47	141	97
394	32	16	394	31	16	400	23	12
27	176	54	28	174	55	38	148	46
51	137	93	65	128	86	113	92	59
232	60	34	241	55	31	267	43	22
73	115	76	39	148	102	31	163	110
67	118	79	80	116	78	88	107	69
235	58	26	383	32	16	247	51	23
428	28	14	435	27	13	243	56	24
67	118	40	70	122	41	64	123	41
10	222	151	0	282	193	15	202	135
317	40	20	232	57	33	246	52	29
312	42	21	295	42	19	280	38	19
0	272	181	0	282	193	0	284	192
30	169	118	38	152	105	54	134	91
0	272	181	0	282	193	7	231	155
420	29	15	471	23	12	451	18	9

Postdoctoral Appointees							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Postdocs	2003 — National Rank	2003 — Control Rank	2002 — Postdocs	2002 — National Rank	2002 — Control Rank
Public	University of Arkansas - Fayetteville	73	126	85	42	145	100
Public	University of Arkansas for Medical Sciences	45	145	103	39	149	103
Public	University of California - Berkeley	720	11	5	859	10	4
Public	University of California - Davis	637	16	8	578	16	8
Public	University of California - Irvine	384	32	18	320	42	21
Public	University of California - Los Angeles	1292	3	1	1351	2	1
Public	University of California - Riverside	222	65	38	235	58	34
Public	University of California - San Diego	949	6	2	902	9	3
Public	University of California - San Francisco	521	25	14	430	27	14
Public	University of California - Santa Barbara	192	71	42	187	70	44
Public	University of California - Santa Cruz	158	81	51	113	96	64
Public	University of Central Florida	0	273	186	0	275	190
Private	University of Chicago	335	43	22	392	31	16
Public	University of Cincinnati - Cincinnati	262	60	34	222	63	39
Public	University of Colorado - Boulder	703	12	6	680	13	7
Public	University of Colorado Health Sciences Center	323	45	23	267	53	29
Public	University of Connecticut - Health Center	123	99	65	123	93	62
Public	University of Connecticut - Storrs	115	103	68	125	91	60
Private	University of Dayton	0	273	88	0	275	86
Public	University of Delaware	125	98	64	134	84	55
Public	University of Florida	575	18	10	568	18	10
Public	University of Georgia	251	61	35	180	73	47
Public	University of Hawaii - Manoa	121	100	66	72	123	83
Public	University of Houston - University Park	75	123	83	109	97	65
Public	University of Idaho	71	127	86	41	146	101
Public	University of Illinois - Chicago	287	54	31	292	49	25
Public	University of Illinois - Urbana-Champaign	317	48	26	279	51	27
Public	University of Iowa	334	44	22	360	35	18
Public	University of Kansas - Lawrence	130	94	61	131	87	57
Public	University of Kansas Medical Center	51	140	98	47	140	96
Public	University of Kentucky	170	75	46	230	59	35
Public	University of Louisville	94	111	73	68	126	85
Public	University of Maine - Orono	32	168	117	38	151	104
Public	University of Maryland - Baltimore	161	77	48	183	71	45
Public	University of Maryland - Baltimore County	23	192	135	34	156	109
Public	University of Maryland - College Park	319	46	24	244	56	32
Public	University of Massachusetts - Amherst	161	77	48	142	81	53
Public	University of Massachusetts Medical Sch - Worcester	306	50	28	304	44	23
Public	University of Medicine & Dentistry of New Jersey	171	74	45	188	69	43
Private	University of Miami	126	97	34	115	95	32
Public	University of Michigan - Ann Arbor	748	10	4	735	12	6
Public	University of Minnesota - Twin Cities	614	17	9	749	11	5
Public	University of Mississippi - Oxford	58	132	91	52	137	94
Public	University of Mississippi Medical Center	22	195	138	12	217	152
Public	University of Missouri - Columbia	156	83	52	157	78	51
Public	University of Montana - Missoula	15	216	150	11	221	155

2001 — Postdocs	2001 — National Rank	2001 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank
57	131	89	43	144	99	67	121	82
31	164	113	35	158	110	42	146	101
896	8	3	933	7	3	933	7	4
585	17	9	449	26	14	204	63	38
295	43	22	364	35	17	324	32	16
847	9	4	876	9	4	851	9	5
224	61	35	190	66	41	179	71	43
949	6	1	998	6	2	968	6	3
430	27	14	543	19	10	1117	4	1
176	72	46	176	69	44	158	77	48
172	74	48	163	74	49	120	89	58
0	272	181	0	282	193	0	284	192
361	35	17	355	36	19	348	29	16
173	73	47	220	60	35	224	59	35
678	11	5	744	11	5	274	41	21
272	48	25	233	56	32	285	37	18
121	91	62	135	82	55	139	84	54
120	93	63	93	108	72	59	127	85
0	272	92	1	269	86	2	259	85
131	87	58	135	82	55	129	88	57
510	23	11	288	44	20	344	30	14
187	69	43	205	64	39	179	71	43
69	117	78	52	138	94	55	133	90
61	127	86	65	128	86	64	123	83
31	164	113	25	179	123	31	163	110
265	49	26	283	47	23	264	44	23
261	51	27	265	49	25	246	52	29
370	33	17	352	37	18	279	39	20
140	82	54	101	100	66	130	87	56
54	134	91	54	136	92	50	138	95
250	56	31	224	59	34	186	68	41
101	103	69	107	95	63	83	111	73
40	145	100	26	178	122	24	178	117
181	70	44	165	72	47	140	83	53
38	148	103	38	152	105	45	143	98
224	61	35	255	52	28	220	60	36
134	85	56	131	86	58	143	81	51
256	54	30	247	53	29	214	61	37
155	78	51	127	90	60	112	93	60
141	81	28	154	76	26	138	85	31
624	14	6	683	12	6	736	10	6
615	15	7	626	15	7	518	15	8
40	145	100	19	193	133	22	183	122
19	194	135	20	191	131	21	186	124
142	80	53	179	68	43	152	78	49
19	194	135	17	197	136	8	226	150

Postdoctoral Appointees							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Postdocs	2003 — National Rank	2003 — Control Rank	2002 — Postdocs	2002 — National Rank	2002 — Control Rank
Public	University of Nebraska - Lincoln	127	95	62	108	98	66
Public	University of Nebraska Medical Center	77	121	81	62	130	89
Public	University of Nevada - Las Vegas	6	236	164	9	227	160
Public	University of Nevada - Reno	74	124	84	0	275	190
Public	University of New Hampshire - Durham	28	175	123	27	173	121
Public	University of New Mexico - Albuquerque	112	104	69	76	120	81
Public	University of North Carolina - Chapel Hill	571	19	11	574	17	9
Public	University of North Dakota	17	210	147	12	217	152
Private	University of Notre Dame	157	82	31	134	84	30
Public	University of Oklahoma - Norman	36	161	113	43	144	99
Public	University of Oklahoma Health Sciences Center	78	120	80	59	134	91
Public	University of Oregon	56	135	93	87	113	78
Private	University of Pennsylvania	801	9	6	976	7	6
Public	University of Pittsburgh - Pittsburgh	688	13	7	548	19	11
Public	University of Puerto Rico - Medical Sciences	0	273	186	0	275	190
Public	University of Rhode Island	35	163	114	35	154	107
Private	University of Rochester	282	55	24	296	47	23
Public	University of South Carolina - Columbia	89	116	77	93	110	75
Public	University of South Florida	127	95	62	124	92	61
Private	University of Southern California	535	22	9	543	21	10
Public	University of Southern Mississippi	21	197	140	26	175	123
Public	University of Tennessee - Knoxville	138	89	57	131	87	57
Public	University of Texas - Austin	215	67	40	214	65	40
Public	University of Texas Health Science Center - Houston	80	119	79	92	111	76
Public	University of Texas Health Science Ctr - San Antonio	140	87	56	131	87	57
Public	University of Texas MD Anderson Cancer Center	541	21	13	451	25	13
Public	University of Texas Medical Branch - Galveston	278	56	32	165	75	48
Public	University of Texas SW Medical Center - Dallas	547	20	12	318	43	22
Public	University of Utah	296	52	29	262	55	31
Public	University of Vermont	103	106	71	97	106	73
Public	University of Virginia	354	37	21	379	32	16
Public	University of Washington - Seattle	865	8	3	972	8	2
Public	University of Wisconsin - Madison	482	27	15	461	23	12
Public	University of Wyoming	44	147	104	28	171	119
Public	US Naval Postgraduate School	0	273	186	0	275	190
Public	Utah State University	22	195	138	14	211	148
Private	Vanderbilt University	504	26	12	439	26	13
Public	Virginia Commonwealth University	155	84	53	161	76	49
Public	Virginia Polytechnic Institute and State University	86	118	78	104	103	70
Private	Wake Forest University	120	101	35	96	107	34
Public	Washington State University - Pullman	147	85	54	161	76	49
Private	Washington University in St. Louis	645	15	8	620	15	8
Public	Wayne State University	243	62	36	276	52	28
Public	West Virginia University	27	179	127	31	161	112
Private	Woods Hole Oceanographic Institution	41	152	47	71	124	41
Private	Yale University	1018	5	4	1131	5	4
Private	Yeshiva University	412	29	14	414	28	14

2001 — Postdocs	2001 — National Rank	2001 — Control Rank	2000 — Postdocs	2000 — National Rank	2000 — Control Rank	1999 — Postdocs	1999 — National Rank	1999 — Control Rank
76	112	75	133	85	57	110	94	61
63	123	82	70	122	82	53	135	92
14	207	142	23	185	126	17	194	129
0	272	181	0	282	193	0	284	192
24	182	126	24	184	125	14	205	138
51	137	93	84	114	77	92	106	68
594	16	8	578	17	8	568	13	7
14	207	142	12	214	144	5	243	163
120	93	31	90	109	37	96	103	36
48	140	96	70	122	82	68	120	81
61	127	86	54	136	92	57	129	86
63	123	82	65	128	86	106	98	64
950	5	5	928	8	5	917	8	4
554	18	10	560	18	9	432	20	11
0	272	181	7	230	158	0	284	192
29	172	120	61	131	89	39	147	102
263	50	24	291	43	24	268	42	21
133	86	57	169	70	45	82	112	74
71	116	77	56	134	91	62	126	84
549	20	10	515	21	10	558	14	7
23	184	127	15	204	140	20	187	125
120	93	63	101	100	66	107	97	63
207	67	41	213	62	37	246	52	29
58	130	88	201	65	40	170	75	46
113	97	66	89	110	73	102	99	65
330	37	19	208	63	38	392	26	13
235	58	33	215	61	36	263	46	25
464	26	13	543	19	10	229	57	33
260	52	28	277	48	24	295	35	17
92	105	70	97	106	71	74	114	76
366	34	18	402	29	15	339	31	15
938	7	2	1011	5	1	1057	5	2
467	25	12	471	23	12	440	19	10
43	142	98	74	120	81	52	136	93
0	272	181	0	282	193	0	284	192
30	169	118	29	172	118	25	173	115
408	31	16	397	30	15	406	22	11
126	88	59	139	81	54	203	64	39
111	98	67	126	91	61	108	95	62
103	102	34	104	98	34	96	103	36
161	76	49	157	75	50	163	76	47
639	12	7	667	13	7	582	11	5
191	68	42	128	89	59	135	86	55
32	160	110	45	141	97	7	231	155
26	177	55	21	188	60	27	168	55
551	19	9	597	16	9	206	62	25
1117	4	4	1122	3	3	400	23	12

SAT Scores		2003 — SAT Range (V, Q) or ACT Range	2003 — National Rank	2003 — Control Rank	2002 — SAT Range (V, Q) or ACT Range	2002 — National Rank	2002 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	16-19	1187	482	NR		
Public	Arizona State University - Tempe	480-600; 490-620	446	118	NR		
Public	Auburn University	510-600; 520-620	353	84	490-600; 510-610	436	102
Private	Baylor College of Medicine	NA			NA		
Private	Boston College	590-680; 610-690	84	75	600-690; 620-710	65	61
Private	Boston University	600-690; 620-690	73	67	590-680; 610-690	78	72
Private	Brandeis University	620-720; 630-720	43	42	NR		
Private	Brown University	640-750; 650-750	20	20	640-750; 650-750	20	20
Private	California Institute of Technology	700-780; 760-800	1	1	710-780; 760-800	1	1
Private	Carnegie Mellon University	600-710; 680-770	23	23	590-700; 680-770	29	29
Private	Case Western Reserve University	590-700; 630-730	57	54	590-710; 630-730	53	51
Private	Charles R. Drew University of Medicine and Science	NA			NA		
Public	Clemson University	550-630; 570-660	170	32	540-640; 590-670	144	23
Public	College of William and Mary	630-730; 630-710	38	1	620-730; 630-710	38	1
Public	Colorado State University	500-600; 510-610	395	97	500-600; 500-610	436	102
Private	Columbia University	650-760; 660-750	16	16	660-760; 660-750	15	15
Private	Cornell University	610-700; 622-720	56	53	620-720; 660-750	27	27
Private	Cornell University Weill Medical College	NA			NA		
Private	Dartmouth College	660-760; 670-770	10	10	650-750; 680-770	10	10
Public	Desert Research Institute	NR			NR		
Private	Drexel University	504-630; 560-660	189	152	520-620; 550-660	229	178
Private	Duke University	660-750; 670-770	14	14	650-740; 670-770	15	15
Private	Emory University	640-720; 660-740	23	23	640-720; 660-740	25	25
Public	Florida International University	NR			480-570; 480-570	657	174
Public	Florida State University	520-620; 530-630	289	64	520-620; 520-620	318	72
Public	George Mason University	490-600; 510-610	417	105	490-600; 500-610	458	110
Private	George Washington University	590-690; 590-680	90	81	580-680; 590-680	100	87
Private	Georgetown University	640-730; 650-730	26	26	640-730; 640-730	29	29
Public	Georgia Institute of Technology	600-690; 650-740	46	2	600-690; 650-740	47	2
Public	Georgia State University	490-600; 490-600	459	121	480-580; 490-590	568	141
Private	Harvard University	700-790; 700-800	2	2	700-790; 700-780	3	3
Private	Howard University	420-680; 420-680	431	320	440-670; 410-660	488	367
Public	Indiana University - Bloomington	490-600; 500-620	417	105	490-600; 500-610	458	110
Public	Indiana University-Purdue University - Indianapolis	440-540; 440-550	889	315	430-550; 440-550	1036	335
Public	Iowa State University	520-650; 560-680	170	32	510-650; 550-670	200	44
Public	Jackson State University	16-20	1168	472	16-20	1406	530
Private	Johns Hopkins University	630-720; 660-750	23	23	620-730; 660-760	23	23
Public	Kansas State University	21-26	459	121	19-25	759	218
Private	Loma Linda University	NA			NA		
Public	Louisiana State University - Baton Rouge	22-27	353	84	24-29	177	38
Public	Louisiana State University Health Sciences Center	NA			NA		
Private	Loyola University Chicago	540-640; 510-630	265	206	520-630; 520-640	275	212
Private	Massachusetts Institute of Technology	680-760; 730-800	3	3	680-760; 740-800	2	2
Public	Medical College of Georgia	NA			NA		
Private	Medical College of Wisconsin	NA			NA		
Public	Medical University of South Carolina	NA			NA		

2001 SAT Range (V, Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 SAT Range (V, Q) or ACT Range	2000 National Rank	2000 Control Rank	1999 SAT Range (V, Q) or ACT Range	1999 National Rank	1999 Control Rank
NR			NR			NR		
490-600; 500-610	432	93	480-600; 490-610	450	111	490-600; 500-620	405	95
490-600; 510-610	419	92	500-590; 510-610	410	95	480-590; 500-600	485	120
NA			NA			NA		
600-690; 620-700	66	62	600-690; 620-700	62	59	590-680; 610-690	70	65
600-680; 610-690	71	65	590-680; 590-680	81	73	590-680; 590-680	77	70
620-710; 620-720	44	43	610-710; 610-710	49	48	610-710; 610-710	48	48
640-750; 650-740	21	21	640-750; 650-740	18	18	640-750; 650-740	16	16
700-780; 760-800	1	1	690-780; 760-800	1	1	700-780; 750-800	1	1
600-700; 680-770	25	25	600-700; 680-760	26	26	600-700; 670-760	24	24
600-710; 640-730	42	42	600-710; 640-740	38	38	590-710; 630-730	44	44
NA			NA			NA		
530-630; 560-650	206	40	550-650; 530-630	195	37	510-610; 520-630	302	65
620-720; 610-700	51	3	620-710; 610-700	49	2	620-710; 610-700	48	1
500-600; 510-610	404	89	500-610; 500-610	386	90	510-610; 520-620	317	69
660-760; 660-750	13	13	660-760; 650-750	12	12	640-740; 630-730	22	22
620-720; 650-750	27	27	620-710; 650-750	28	28	620-710; 650-750	24	24
NA			NA			NA		
660-750; 670-760	11	11	660-760; 670-760	10	10	670-770; 680-760	8	8
NR			NR			NR		
NR			530-640; 500-610	286	226	520-620; 540-640	224	178
650-740; 670-760	15	15	640-740; 660-760	16	16	640-740; 660-760	13	13
640-720; 660-740	24	24	640-720; 660-740	22	22	620-700; 650-710	36	36
530-600; 520-600	352	72	510-590; 510-590	420	99	520-590; 520-590	377	86
530-630; 530-640	248	54	530-630; 530-630	236	50	520-620; 530-630	254	53
480-580; 490-590	545	134	480-590; 490-590	506	131	470-580; 480-580	589	152
570-660; 580-670	121	103	570-660; 580-660	118	100	570-670; 570-660	117	99
640-730; 650-730	25	25	640-720; 640-730	28	28	620-730; 630-720	31	31
600-690; 650-730	44	2	600-690; 650-730	40	1	590-690; 630-730	48	1
470-570; 470-570	692	191	470-570; 470-580	648	183	470-570; 470-560	676	188
700-790; 700-780	2	2	700-790; 700-780	3	3	700-800; 700-790	2	2
440-670; 410-660	466	358	NR			450-670; 420-670	405	311
490-600; 490-610	448	101	480-600; 490-620	434	106	490-600; 490-610	444	105
430-550; 430-540	1040	334	420-530; 420-520	1069	369	420-530; 410-530	1087	371
510-660; 550-690	165	31	520-660; 550-690	147	23	520-660; 550-690	140	21
16-20	1293	443	NR			16-20	1209	422
640-730; 680-760	18	18	630-720; 670-760	18	18	620-730; 660-760	18	18
20-26	545	134	19-23	604	165	NR		
NA			NA			NA		
21-26	466	109	21-26	450	111	21-26	460	111
NA			NA			NA		
530-630; 520-630	276	218	520-640; 520-630	258	205	530-640; 513-630	239	189
680-760; 730-800	2	2	670-760; 740-800	3	3	660-760; 730-800	4	4
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		

SAT Scores		2003 SAT Range (V, Q) or ACT Range	2003 National Rank	2003 Control Rank	2002 SAT Range (V, Q) or ACT Range	2002 National Rank	2002 Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	NA			NA		
Public	Michigan State University	500-620; 520-650	299	67	490-610; 520-640	350	78
Public	Mississippi State University	20-27	459	121	20-27	488	122
Public	Montana State University - Bozeman	490-600; 500-620	417	105	480-600; 500-620	458	110
Private	Morehouse School of Medicine	NA			NA		
Private	Mount Sinai School of Medicine	NA			NA		
Public	New Jersey Institute of Technology	480-590; 560-660	299	67	490-590; 550-660	304	68
Public	New Mexico State University - Las Cruces	18-23	933	336	18-23	1095	362
Private	New York Medical College	NA			NA		
Private	New York University	600-700; 610-710	68	63	620-710; 630-720	47	46
Public	North Carolina State University	530-630; 570-670	178	36	530-630; 560-670	191	41
Public	North Dakota State University	500-630; 530-660	265	60	470-610; 500-630	436	102
Private	Northeastern University	550-640; 570-660	159	130	520-620; 540-640	256	198
Private	Northwestern University	650-730; 660-750	20	20	640-730; 660-750	22	22
Public	Ohio State University - Columbus	530-630; 550-660	208	44	520-620; 540-650	241	56
Public	Ohio University - Athens	500-600; 500-600	431	112	500-600; 500-610	436	102
Public	Oklahoma State University - Stillwater	490-600; 500-610	431	112	500-610; 500-610	403	91
Public	Oregon Health & Science University	NA			NA		
Public	Oregon State University	470-580; 480-610	522	149	470-580; 480-610	568	141
Public	Pennsylvania State University - Hershey Medical Ctr	NA			NA		
Public	Pennsylvania State University - University Park	530-630; 560-670	189	38	530-630; 560-670	191	41
Private	Princeton University	680-770; 690-790	5	5	680-770; 700-790	4	4
Public	Purdue University - West Lafayette	500-610; 530-650	299	67	500-610; 530-660	292	65
Private	Rensselaer Polytechnic Institute	580-680; 640-720	68	63	580-680; 640-720	65	61
Private	Rice University	660-760; 670-770	10	10	650-750; 670-770	12	12
Private	Rockefeller University	NA			NA		
Private	Rush University	NA			NA		
Public	Rutgers the State University of NJ - New Brunswick	540-640; 570-670	159	30	520-630; 550-670	205	45
Private	Saint Louis University - St. Louis	540-650; 550-660	178	143	530-640; 530-660	218	169
Public	San Diego State University	480-580; 490-600	507	144	450-560; 460-590	759	218
Private	Stanford University	660-770; 680-790	8	8	660-760; 690-780	7	7
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA			NA		
Public	Stony Brook University	540-630; 570-670	170	32	500-590; 550-650	304	68
Private	Syracuse University	570-640; 580-670	138	116	550-640; 570-660	159	130
Public	Temple University	490-590; 490-590	492	137	480-580; 480-580	622	161
Public	Texas A&M University	520-640; 550-660	208	44	520-630; 550-660	218	50
Public	Texas A&M University System Health Sciences Center	NA			NA		
Public	Texas Tech University	500-600; 520-620	367	89	480-590; 500-610	488	122
Private	Thomas Jefferson University	NA			NA		
Private	Tufts University	610-700; 640-720	51	49	610-710; 640-720	47	46
Private	Tulane University	610-730; 630-690	53	51	630-710; 610-700	56	54
Public	University at Albany	510-610; 520-620	340	80	500-600; 520-610	392	90
Public	University at Buffalo	500-600; 530-630	340	80	500-600; 520-630	366	84
Public	University of Alabama - Birmingham	19-24	758	250	19-25	759	218
Public	University of Alabama - Huntsville	520-630; 510-630	299	67	500-630; 510-640	318	72
Public	University of Alabama - Tuscaloosa	490-610; 500-610	417	105	490-620; 490-620	403	91

2001 SAT Range (V, Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 SAT Range (V, Q) or ACT Range	2000 National Rank	2000 Control Rank	1999 SAT Range (V, Q) or ACT Range	1999 National Rank	1999 Control Rank
NA			NA			NA		
490-610; 510-640	352	72	490-610; 490-640	370	83	490-610; 490-630	377	86
20-27	466	109	21-29	286	61	19-27	520	135
490-590; 500-610	448	101	490-600; 510-630	370	83	490-600; 500-620	405	95
NA			NA			NA		
NA			NA			NA		
490-590; 530-630	374	79	480-580; 550-650	325	69	480-590; 550-640	317	69
18-23	1060	345	17-23	1069	369	18-23	981	323
NA			NA			NA		
630-710; 600-710	51	49	620-710; 630-710	40	40	620-710; 610-710	47	47
530-630; 550-660	206	40	530-630; 550-660	186	34	530-620; 550-650	198	42
20-26	545	134	NR			NR		
520-620; 540-640	264	207	500-610; 520-620	334	262	510-600; 520-620	332	258
640-730; 660-750	21	21	630-720; 660-750	22	22	630-720; 650-740	22	22
520-630; 540-660	227	47	510-630; 530-650	236	50	500-620; 520-640	283	60
500-590; 500-600	448	101	490-600; 490-600	450	111	500-600; 490-600	444	105
490-620; 500-630	374	79	490-610; 500-620	386	90	500-620; 500-640	317	69
NA			NA			NA		
470-590; 480-610	530	131	470-590; 490-610	490	124	480-590; 490-610	485	120
NA			NA			NA		
530-630; 560-660	197	38	530-630; 550-660	186	34	540-640; 560-670	146	23
680-770; 700-790	4	4	700-780; 710-790	2	2	680-770; 680-770	7	7
500-600; 520-650	326	67	500-600; 520-640	325	69	480-590; 500-630	421	99
580-680; 650-720	59	56	560-660; 620-710	79	71	560-660; 620-710	73	67
650-750; 670-770	11	11	650-750; 660-760	12	12	650-760; 660-760	11	11
NA			NA			NA		
NA			NA			NA		
520-630; 550-660	212	43	520-630; 550-660	195	37	540-640; 560-670	146	23
540-650; 550-660	177	144	23-28	236	187	23-28	224	178
450-560; 470-580	726	207	470-560; 480-580	648	183	450-560; 470-580	690	196
670-770; 690-780	7	7	670-770; 690-790	7	7	670-770; 690-780	6	6
NA			NA			NA		
500-600; 540-650	300	62	490-600; 530-640	325	69	490-590; 520-640	351	78
540-640; 570-660	165	135	540-640; 570-660	154	127	540-640; 560-660	153	127
470-580; 460-570	692	191	460-570; 460-570	694	202	470-580; 460-570	656	180
520-630; 550-660	212	43	520-630; 550-660	195	37	520-630; 550-660	185	39
NA			NA			NA		
490-590; 510-610	432	93	480-580; 490-600	506	131	480-580; 490-600	503	129
NA			NA			NA		
590-700; 620-710	64	60	610-700; 630-710	47	46	610-710; 640-720	36	36
630-710; 610-700	51	49	530-650; 600-690	118	100	600-700; 590-690	68	63
500-600; 520-610	390	86	510-610; 520-620	325	69	500-600; 510-610	377	86
500-600; 520-630	352	72	490-600; 510-630	370	83	490-600; 510-620	377	86
19-25	726	207	19-25	694	202	19-24	796	241
490-620; 500-630	374	79	500-630; 520-630	286	61	520-630; 520-640	254	53
490-610; 490-610	432	93	490-610; 490-610	420	99	480-620; 480-610	444	105

SAT Scores							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 SAT Range (V, Q) or ACT Range	2003 National Rank	2003 Control Rank	2002 SAT Range (V, Q) or ACT Range	2002 National Rank	2002 Control Rank
Public	University of Alaska - Fairbanks	450-590; 450-590	647	201	460-590; 450-580	722	201
Public	University of Arizona	490-610; 500-630	381	91	490-600; 500-620	436	102
Public	University of Arkansas - Fayetteville	530-650; 520-650	238	54	510-640; 520-650	256	59
Public	University of Arkansas for Medical Sciences	NA			NA		
Public	University of California - Berkeley	570-700; 620-740	63	5	570-700; 610-740	65	5
Public	University of California - Davis	510-630; 570-670	198	41	510-630; 560-670	205	45
Public	University of California - Irvine	520-620; 570-680	189	38	510-620; 560-670	218	50
Public	University of California - Los Angeles	550-670; 590-720	100	11	550-670; 590-720	100	14
Public	University of California - Riverside	460-570; 500-620	507	144	440-560; 490-620	637	169
Public	University of California - San Diego	550-660; 600-700	111	15	560-660; 610-710	92	9
Public	University of California - San Francisco	NA			NA		
Public	University of California - Santa Barbara	530-640; 550-660	198	41	510-620; 550-660	237	54
Public	University of California - Santa Cruz	510-630; 520-630	299	67	500-620; 520-630	330	76
Public	University of Central Florida	520-610; 530-620	314	75	510-610; 520-620	350	78
Private	University of Chicago	NR			660-750; 650-750	19	19
Public	University of Cincinnati - Cincinnati	460-600; 460-610	552	160	460-590; 460-610	622	161
Public	University of Colorado - Boulder	530-630; 550-650	225	51	520-620; 540-640	256	59
Public	University of Colorado Health Sciences Center	NA			NA		
Public	University of Connecticut - Health Center	NA			NA		
Public	University of Connecticut - Storrs	530-620; 550-640	245	56	520-610; 530-630	304	68
Private	University of Dayton	510-620; 520-640	299	233	500-610; 510-630	366	283
Public	University of Delaware	540-620; 550-650	225	51	530-620; 550-650	229	52
Public	University of Florida	560-660; 580-680	125	19	550-660; 580-680	128	19
Public	University of Georgia	550-650; 560-650	170	32	550-650; 560-650	173	35
Public	University of Hawaii - Manoa	480-580; 510-620	446	118	470-570; 510-610	531	132
Public	University of Houston - University Park	460-570; 480-600	584	177	450-560; 470-590	741	209
Public	University of Idaho	490-610; 500-620	395	97	480-610; 490-610	474	117
Public	University of Illinois - Chicago	20-26	522	149	20-25	657	174
Public	University of Illinois - Urbana-Champaign	570-670; 620-720	81	8	550-670; 600-720	92	9
Public	University of Iowa	530-640; 540-660	208	44	520-650; 540-660	205	45
Public	University of Kansas - Lawrence	21-27	395	97	21-27	403	91
Public	University of Kansas Medical Center	NA			NA		
Public	University of Kentucky	510-620; 510-630	330	78	500-620; 510-630	350	78
Public	University of Louisville	480-600; 490-610	459	121	490-620; 490-620	403	91
Public	University of Maine - Orono	480-590; 490-600	492	137	480-590; 490-610	514	129
Public	University of Maryland - Baltimore	NA			NA		
Public	University of Maryland - Baltimore County	540-640; 580-670	151	27	540-640; 570-670	159	30
Public	University of Maryland - College Park	570-660; 600-700	100	11	570-670; 600-700	92	9
Public	University of Massachusetts - Amherst	520-630; 510-610	330	78	500-620; 510-630	350	78
Public	University of Massachusetts Medical Sch - Worcester	NA			NA		
Public	University of Medicine & Dentistry of New Jersey	NA			NA		
Private	University of Miami	550-660; 570-680	138	116	590-650; 570-670	118	102
Public	University of Michigan - Ann Arbor	580-690; 620-720	72	6	570-670; 610-720	78	7
Public	University of Minnesota - Twin Cities	540-660; 560-680	146	26	540-660; 550-670	159	30
Public	University of Mississippi - Oxford	20-26	522	149	20-26	568	141
Public	University of Mississippi Medical Center	NA			NA		

2001 SAT Range (V, Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 SAT Range (V, Q) or ACT Range	2000 National Rank	2000 Control Rank	1999 SAT Range (V, Q) or ACT Range	1999 National Rank	1999 Control Rank
450-590; 440-580	726	207	370-640; 390-640	753	231	450-590; 460-580	656	180
480-600; 490-620	448	101	480-600; 490-620	434	106	409-610; 490-610	421	99
500-640; 510-640	300	62	510-650; 500-650	258	54	500-650; 520-650	224	47
NA			NA			NA		
560-700; 610-740	66	5	570-710; 620-740	49	2	580-700; 620-730	52	3
500-620; 560-660	237	49	510-630; 550-660	210	43	510-630; 550-650	204	43
520-610; 550-670	227	47	495-600; 540-655	277	58	495-600; 540-655	267	57
560-680; 600-720	78	7	560-680; 610-720	72	7	570-680; 600-720	70	6
450-570; 490-620	568	144	440-570; 490-620	561	148	440-570; 480-620	589	152
560-660; 610-710	89	10	520-640; 550-650	195	37	520-640; 550-650	185	39
NA			NA			NA		
530-630; 560-670	188	36	530-630; 550-660	186	34	530-630; 550-660	182	37
510-630; 520-630	300	62	510-630; 520-630	277	58	520-640; 520-640	224	47
510-600; 520-610	374	79	520-610; 530-620	286	61	520-610; 530-620	283	60
650-750; 650-740	20	20	630-750; 650-740	21	21	650-750; 640-740	16	16
460-590; 460-610	586	152	460-590; 470-600	561	148	450-580; 460-610	612	162
540-640; 530-620	248	54	520-620; 530-640	258	54	520-620; 540-640	224	47
NA			NA			NA		
NA			NA			NA		
510-610; 530-630	313	65	510-610; 530-630	286	61	510-610; 520-620	317	69
520-630; 530-650	248	195	510-610; 520-640	286	226	510-620; 520-650	254	202
530-610; 550-630	264	58	520-620; 520-640	267	56	520-610; 520-630	283	60
550-650; 570-670	135	21	540-650; 560-670	147	23	570-670; 600-690	84	10
560-650; 560-650	149	27	560-650; 560-650	147	23	550-640; 550-650	164	30
470-570; 510-610	515	127	470-570; 510-610	490	124	470-570; 520-620	460	111
450-560; 470-590	708	198	450-560; 470-590	683	195	450-560; 460-580	742	222
480-610; 490-610	448	101	480-610; 490-630	410	95	490-610; 490-620	405	95
21-26	466	109	21-25	521	137	21-25	520	135
550-670; 600-720	89	10	550-650; 590-700	108	15	550-650; 590-710	98	13
530-650; 540-670	188	36	520-640; 530-660	210	43	520-660; 540-660	172	34
22-28	313	65	22-28	286	61	21-27	377	86
NA			NA			NA		
500-610; 510-630	352	72	22-27	334	73	22-27	332	75
18-25	826	245	18-25	793	244	450-560; 440-570	796	241
490-590; 480-600	515	127	480-590; 480-600	506	131	480-590; 480-600	503	129
NA			NA			NA		
530-630; 560-660	197	38	530-630; 550-650	195	37	520-620; 540-650	216	45
560-660; 590-690	110	16	560-660; 590-690	101	12	560-660; 580-680	110	16
500-610; 510-620	374	79	500-620; 510-620	334	73	510-620; 520-620	302	65
NA			NA			NA		
NA			NA			NA		
540-640; 550-650	197	160	530-630; 540-650	210	168	520-630; 530-640	224	178
570-670; 610-710	78	7	570-670; 610-710	74	8	560-670; 600-710	77	8
530-650; 550-680	165	31	530-650; 550-675	161	28	540-660; 550-620	182	37
20-26	545	134	20-27	450	111	20-27	460	111
NA			NA			NA		

SAT Scores							
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — SAT Range (V, Q) or ACT Range	2003 — National Rank	2003 — Control Rank	2002 — SAT Range (V, Q) or ACT Range	2002 — National Rank	2002 — Control Rank
Public	University of Missouri - Columbia	23-28	265	60	24-29	177	38
Public	University of Montana - Missoula	526-573; 500-571	482	133	490-600; 460-570	622	161
Public	University of Nebraska - Lincoln	520-650; 520-660	238	54	500-640; 520-660	256	59
Public	University of Nebraska Medical Center	NA			NA		
Public	University of Nevada - Las Vegas	450-560; 450-580	729	234	430-560; 450-570	911	286
Public	University of Nevada - Reno	470-590; 480-600	522	149	470-580; 480-590	622	161
Public	University of New Hampshire - Durham	500-610; 510-620	367	89	500-590; 510-610	436	102
Public	University of New Mexico - Albuquerque	480-600; 460-590	552	160	510-630; 480-600	403	91
Public	University of North Carolina - Chapel Hill	590-690; 600-700	81	8	580-680; 600-690	87	8
Public	University of North Dakota	20-26	522	149	470-570; 500-590	601	151
Private	University of Notre Dame	620-720; 650-740	32	32	620-720; 650-730	35	35
Public	University of Oklahoma - Norman	24-28	225	51	23-28	256	59
Public	University of Oklahoma Health Sciences Center	NA			NA		
Public	University of Oregon	490-609; 499-613	415	103	490-610; 490-610	458	110
Private	University of Pennsylvania	650-750; 680-760	15	15	650-740; 680-760	15	15
Public	University of Pittsburgh - Pittsburgh	550-650; 570-660	151	27	540-640; 560-650	191	41
Public	University of Puerto Rico - Medical Sciences	NA			NA		
Public	University of Rhode Island	500-590; 510-610	417	105	490-590; 500-610	474	117
Private	University of Rochester	600-700; 630-710	59	56	590-690; 620-720	65	61
Public	University of South Carolina - Columbia	510-620; 520-630	314	75	500-610; 510-620	377	86
Public	University of South Florida	490-590; 490-600	482	133	470-570; 480-580	657	174
Private	University of Southern California	610-700; 640-720	51	49	600-700; 640-720	53	51
Public	University of Southern Mississippi	470-620; 460-610	492	137	18-24	983	314
Public	University of Tennessee - Knoxville	500-610; 500-620	381	91	500-600; 500-610	436	102
Public	University of Texas - Austin	540-660; 570-690	138	23	540-650; 570-680	144	23
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	22-26	395	97	20-28	403	91
Public	University of Vermont	530-620; 530-630	281	63	520-620; 520-620	318	72
Public	University of Virginia	600-710; 630-720	53	3	600-700; 620-720	60	3
Public	University of Washington - Seattle	520-640; 550-670	198	41	510-630; 550-660	229	52
Public	University of Wisconsin - Madison	26-30	105	13	560-680; 590-710	92	9
Public	University of Wyoming	470-590; 490-600	507	144	460-580; 480-600	622	161
Public	US Naval Postgraduate School	NA			NA		
Public	Utah State University	490-610; 490-630	395	97	490-600; 480-610	488	122
Private	Vanderbilt University	610-710; 640-720	46	45	610-700; 640-720	51	49
Public	Virginia Commonwealth University	480-590; 470-580	568	166	470-590; 460-580	657	174
Public	Virginia Polytechnic Institute and State University	540-630; 570-630	208	44	530-630; 550-660	205	45
Private	Wake Forest University	610-690; 630-700	63	59	600-680; 620-710	69	64
Public	Washington State University - Pullman	470-580; 480-590	568	166	470-580; 480-590	622	161
Private	Washington University in St. Louis	650-730; 670-750	19	19	640-730; 670-750	20	20
Public	Wayne State University	16-24	996	369	17-24	1095	362
Public	West Virginia University	480-570; 480-580	584	177	460-560; 470-580	741	209
Private	Woods Hole Oceanographic Institution	NA			NA		
Private	Yale University	690-790; 690-790	4	4	680-780; 690-780	5	5
Private	Yeshiva University	NR			590-690; 580-680	92	84

2001 SAT Range (V, Q) or ACT Range	2001 National Rank	2001 Control Rank	2000 SAT Range (V, Q) or ACT Range	2000 National Rank	2000 Control Rank	1999 SAT Range (V, Q) or ACT Range	1999 National Rank	1999 Control Rank
24-29	177	34	24-29	162	29	24-29	153	27
450-600; 470-590	610	160	450-600; 440-590	666	189	490-610; 480-600	460	111
500-640; 520-650	276	59	490-630; 520-650	277	58	500-630; 510-660	254	53
NA			NA			NA		
430-560; 450-570	878	275	430-560; 460-580	776	239	450-560; 450-580	756	226
460-580; 470-590	625	167	470-580; 470-580	604	165	460-570; 470-580	656	180
500-600; 510-610	404	89	500-610; 510-620	355	79	510-600; 510-610	367	81
460-610; 460-590	586	152	480-610; 470-600	490	124	480-600; 470-590	520	135
570-680; 580-690	100	14	560-670; 570-670	118	19	570-680; 570-670	104	15
470-570; 500-590	568	144	490-580; 500-610	450	111	480-630; 510-630	332	75
620-720; 640-730	34	34	620-710; 650-720	34	34	620-710; 640-720	35	35
22-27	352	72	22-28	286	61	21-27	377	86
NA			NA			NA		
500-620; 500-610	390	86	500-620; 500-610	370	83	500-620; 500-610	367	81
640-730; 670-760	19	19	650-750; 680-770	10	10	640-730; 670-760	13	13
530-630; 540-640	237	49	530-630; 530-640	231	49	520-620; 520-630	267	57
NA			NA			NA		
490-600; 500-610	432	93	490-509; 490-600	476	121	490-590; 500-600	460	111
600-700; 620-710	59	56	600-700; 630-710	49	48	600-700; 630-710	48	48
490-600; 500-610	432	93	500-610; 500-610	386	90	490-610; 490-610	421	99
470-570; 470-580	678	185	480-590; 490-600	490	124	480-590; 490-590	496	126
600-700; 620-710	59	56	590-690; 620-710	62	59	570-670; 590-700	84	75
19-27	545	134	19-27	521	137	19-24	796	241
480-600; 480-610	502	123	500-610; 500-620	370	83	490-610; 490-610	421	99
530-650; 560-680	149	27	530-640; 560-660	170	32	530-640; 560-660	164	30
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
20-26	545	134	20-26	521	137	500-630; 500-630	317	69
520-610; 520-620	326	67	520-610; 520-620	306	68	510-610; 520-620	317	69
600-700; 610-720	59	4	590-700; 610-710	62	4	600-700; 610-710	58	4
500-620; 530-650	292	61	510-640; 540-630	236	50	510-630; 530-650	224	47
560-680; 590-710	89	10	550-660; 580-700	108	15	520-650; 550-670	164	30
480-600; 490-610	466	109	480-600; 490-620	434	106	21-26	460	111
NA			NA			NA		
460-590; 460-590	625	167	470-590; 470-590	561	148	460-580; 470-600	589	152
600-690; 630-710	59	56	600-690; 620-710	58	55	600-690; 620-710	58	55
470-580; 450-570	708	198	470-580; 450-560	694	202	460-580; 440-560	756	226
530-630; 550-660	206	40	530-620; 550-650	210	43	520-620; 540-650	216	45
610-680; 620-700	66	62	600-680; 620-700	65	61	600-690; 610-700	64	59
450-570; 460-580	726	207	470-590; 470-590	561	148	470-590; 470-580	589	152
640-730; 670-740	21	21	630-710; 660-740	26	26	620-710; 650-730	29	29
17-24	1060	345	17-24	982	328	17-24	981	323
460-560; 470-570	726	207	460-560; 470-570	694	202	460-560; 460-560	756	226
NA			NA			NA		
680-770; 680-770	8	8	690-780; 690-770	6	6	690-780; 690-770	5	5
590-690; 570-670	100	87	590-690; 570-670	92	82	NR		

National Merit and Achievement Scholars		2004 — National Merits	2004 — National Rank	2004 — Control Rank	2003 — National Merits	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically							
Public	Alabama A&M University	0	421	169	0	409	152
Public	Arizona State University - Tempe	163	12	4	176	11	3
Public	Auburn University	26	88	38	28	83	37
Private	Baylor College of Medicine	NA			NA		
Private	Boston College	16	114	63	16	114	60
Private	Boston University	56	40	23	63	32	18
Private	Brandeis University	33	72	41	31	80	46
Private	Brown University	67	31	18	52	39	22
Private	California Institute of Technology	52	46	28	50	45	25
Private	Carnegie Mellon University	24	93	53	34	71	42
Private	Case Western Reserve University	55	42	25	53	37	20
Private	Charles R. Drew University of Medicine and Science	NA			NA		
Public	Clemson University	37	64	28	33	75	31
Public	College of William and Mary	11	138	61	19	107	51
Public	Colorado State University	12	134	59	13	132	59
Private	Columbia University	60	37	21	58	36	19
Private	Cornell University	52	46	28	45	52	31
Private	Cornell University Weill Medical College	NA			NA		
Private	Dartmouth College	54	43	26	52	39	22
Public	Desert Research Institute	NA			NA		
Private	Drexel University	1	291	174	1	287	177
Private	Duke University	125	19	13	123	20	13
Private	Emory University	64	35	20	49	46	26
Public	Florida International University	1	291	118	3	224	92
Public	Florida State University	17	108	51	16	114	55
Public	George Mason University	1	291	118	0	409	152
Private	George Washington University	28	82	46	40	65	38
Private	Georgetown University	37	64	37	44	56	33
Public	Georgia Institute of Technology	117	21	7	97	24	9
Public	Georgia State University	0	421	169	1	287	111
Private	Harvard University	397	1	1	425	1	1
Private	Howard University	29	78	44	71	29	17
Public	Indiana University - Bloomington	21	98	43	13	132	59
Public	Indiana University-Purdue University - Indianapolis	2	248	98	0	409	152
Public	Iowa State University	70	27	11	75	28	12
Public	Jackson State University	0	421	169	0	409	152
Private	Johns Hopkins University	50	49	31	53	37	20
Public	Kansas State University	14	120	54	22	98	46
Private	Loma Linda University	NA			NA		
Public	Louisiana State University - Baton Rouge	40	59	24	39	68	29
Public	Louisiana State University Health Sciences Center	NA			NA		
Private	Loyola University Chicago	8	153	88	12	144	80
Private	Massachusetts Institute of Technology	156	14	10	174	12	9
Public	Medical College of Georgia	NA			NA		
Private	Medical College of Wisconsin	NA			NA		
Public	Medical University of South Carolina	NA			NA		

2002 — National Merits	2002 — National Rank	2002 — Control Rank	2001 — National Merits	2001 — National Rank	2001 — Control Rank	2000 — National Merits	2000 — National Rank	2000 — Control Rank
0	396	151	0	403	155	0	412	163
103	22	8	116	20	8	119	18	8
29	84	37	26	83	40	38	65	30
NA			NA			NA		
15	123	68	13	131	73	12	143	79
49	53	32	53	45	27	60	39	24
36	68	38	31	70	36	32	74	40
82	29	17	82	31	18	76	29	17
57	39	23	55	40	23	71	31	18
22	94	52	26	83	44	19	105	56
50	50	29	49	50	29	68	33	20
NA			NA			NA		
38	63	27	33	68	33	29	81	40
11	140	62	16	117	54	13	137	61
9	156	66	9	157	69	14	129	58
63	32	19	67	35	20	54	44	27
44	56	34	69	34	19	53	47	28
NA			NA			NA		
54	41	24	45	54	30	71	31	18
NA			NA			NA		
1	288	172	1	286	177	7	178	104
123	16	11	119	19	12	107	23	12
60	34	20	55	40	23	61	37	23
1	288	117	1	286	110	0	412	163
27	87	39	98	26	12	54	44	18
0	396	151	0	403	155	1	294	116
38	63	37	25	91	49	16	118	62
34	71	39	26	83	44	39	64	35
116	18	7	124	18	7	115	21	11
0	396	151	0	403	155	0	412	163
455	1	1	415	1	1	444	1	1
54	41	24	28	77	41	46	54	32
8	164	71	17	110	51	10	157	68
0	396	151	0	403	155	0	412	163
99	25	10	125	17	6	125	16	7
1	288	117	0	403	155	0	412	163
58	35	21	90	28	16	65	34	21
9	156	66	13	131	59	14	129	58
NA			NA			NA		
44	56	23	41	57	26	34	71	33
NA			NA			NA		
9	156	91	8	165	91	0	412	250
153	13	9	185	7	4	173	7	4
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		

National Merit and Achievement Scholars		2004 — National Merits	2004 — National Rank	2004 — Control Rank	2003 — National Merits	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Private	Meharry Medical College	NA			NA		
Public	Michigan State University	46	56	21	62	33	15
Public	Mississippi State University	33	72	32	25	87	40
Public	Montana State University - Bozeman	7	166	71	5	193	79
Private	Morehouse School of Medicine	NA			NA		
Private	Mount Sinai School of Medicine	NA			NA		
Public	New Jersey Institute of Technology	0	421	169	0	409	152
Public	New Mexico State University - Las Cruces	1	291	118	0	409	152
Private	New York Medical College	NA			NA		
Private	New York University	155	15	11	155	15	11
Public	North Carolina State University	27	83	37	33	75	31
Public	North Dakota State University	3	226	89	4	205	84
Private	Northeastern University	1	291	174	3	224	133
Private	Northwestern University	162	13	9	100	23	15
Public	Ohio State University - Columbus	105	24	9	103	22	8
Public	Ohio University - Athens	8	153	66	7	174	73
Public	Oklahoma State University - Stillwater	8	153	66	20	102	49
Public	Oregon Health & Science University	NA			NA		
Public	Oregon State University	8	153	66	11	149	65
Public	Pennsylvania State University - Hershey Medical Ctr	NA			NA		
Public	Pennsylvania State University - University Park	21	98	43	20	102	49
Private	Princeton University	219	7	5	190	7	5
Public	Purdue University - West Lafayette	70	27	11	94	25	10
Private	Rensselaer Polytechnic Institute	22	97	55	16	114	60
Private	Rice University	184	10	8	182	9	7
Private	Rockefeller University	NA			NA		
Private	Rush University	NA			NA		
Public	Rutgers the State University of NJ - New Brunswick	16	114	52	16	114	55
Private	Saint Louis University - St. Louis	14	120	67	17	110	58
Public	San Diego State University	0	421	169	0	409	152
Private	Stanford University	274	4	3	263	3	2
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA			NA		
Public	Stony Brook University	1	291	118	2	247	97
Private	Syracuse University	3	226	138	1	287	177
Public	Temple University	1	291	118	0	409	152
Public	Texas A&M University	130	18	6	140	18	6
Public	Texas A&M University System Health Sciences Center	NA			NA		
Public	Texas Tech University	11	138	61	17	110	53
Private	Thomas Jefferson University	NA			NA		
Private	Tufts University	66	33	19	41	61	35
Private	Tulane University	59	39	22	49	46	26
Public	University at Albany	1	291	118	0	409	152
Public	University at Buffalo	0	421	169	0	409	152
Public	University of Alabama - Birmingham	6	179	75	7	174	73
Public	University of Alabama - Huntsville	0	421	169	2	247	97
Public	University of Alabama - Tuscaloosa	38	61	26	45	52	22

2002 — National Merits	2002 — National Rank	2002 — Control Rank	2001 — National Merits	2001 — National Rank	2001 — Control Rank	2000 — National Merits	2000 — National Rank	2000 — Control Rank
NA			NA			NA		
51	46	20	66	38	17	61	37	15
37	67	30	31	70	35	35	68	31
4	215	84	3	234	95	4	222	88
NA			NA			NA		
NA			NA			NA		
0	396	151	0	403	155	0	412	163
0	396	151	0	403	155	0	412	163
NA			NA			NA		
114	19	12	167	12	8	149	13	9
29	84	37	37	64	30	21	99	48
7	174	74	6	183	78	4	222	88
0	396	246	2	248	149	2	261	156
109	21	14	139	16	11	92	25	14
119	17	6	115	22	10	116	19	9
17	111	51	9	157	69	18	112	54
13	131	58	19	106	50	18	112	54
NA			NA			NA		
7	174	74	11	145	62	6	186	76
NA			NA			NA		
32	75	34	25	91	43	26	86	42
179	8	6	174	9	5	122	17	10
90	27	12	76	32	14	54	44	18
20	99	54	16	117	64	17	114	59
173	10	8	170	11	7	168	9	6
NA			NA			NA		
NA			NA			NA		
9	156	66	26	83	40	21	99	48
10	145	82	20	102	55	14	129	72
0	396	151	0	403	155	1	294	116
268	3	2	315	2	2	244	4	2
NA			NA			NA		
3	233	93	4	208	87	1	294	116
2	254	151	2	248	149	3	237	143
1	288	117	2	248	100	2	261	106
160	12	4	178	8	4	146	14	5
NA			NA			NA		
16	116	54	22	99	46	19	105	50
NA			NA			NA		
58	35	21	40	60	33	36	67	37
53	44	26	55	40	23	43	59	33
1	288	117	1	286	110	0	412	163
1	288	117	1	286	110	2	261	106
9	156	66	10	151	67	3	237	95
1	288	117	1	286	110	0	412	163
52	45	19	38	63	29	74	30	13

National Merit and Achievement Scholars		2004 — National Merits	2004 — National Rank	2004 — Control Rank	2003 — National Merits	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Alaska - Fairbanks	4	201	80	2	247	97
Public	University of Arizona	76	26	10	59	34	16
Public	University of Arkansas - Fayetteville	48	51	19	41	61	27
Public	University of Arkansas for Medical Sciences	NA			NA		
Public	University of California - Berkeley	68	29	13	69	30	13
Public	University of California - Davis	14	120	54	15	124	58
Public	University of California - Irvine	12	134	59	26	85	39
Public	University of California - Los Angeles	116	22	8	127	19	7
Public	University of California - Riverside	0	421	169	0	409	152
Public	University of California - San Diego	48	51	19	59	34	16
Public	University of California - San Francisco	NA			NA		
Public	University of California - Santa Barbara	10	146	64	13	132	59
Public	University of California - Santa Cruz	4	201	80	4	205	84
Public	University of Central Florida	30	76	34	34	71	30
Private	University of Chicago	204	8	6	191	6	4
Public	University of Cincinnati - Cincinnati	7	166	71	10	157	68
Public	University of Colorado - Boulder	4	201	80	3	224	92
Public	University of Colorado Health Sciences Center	NA			NA		
Public	University of Connecticut - Health Center	NA			NA		
Public	University of Connecticut - Storrs	4	201	80	1	287	111
Private	University of Dayton	17	108	58	16	114	60
Public	University of Delaware	18	106	49	8	166	70
Public	University of Florida	299	2	1	284	2	1
Public	University of Georgia	67	31	14	86	26	11
Public	University of Hawaii - Manoa	1	291	118	0	409	152
Public	University of Houston - University Park	21	98	43	28	83	37
Public	University of Idaho	9	149	65	11	149	65
Public	University of Illinois - Chicago	3	226	89	6	185	75
Public	University of Illinois - Urbana-Champaign	29	78	35	43	59	25
Public	University of Iowa	26	88	38	23	93	43
Public	University of Kansas - Lawrence	60	37	17	51	44	20
Public	University of Kansas Medical Center	NA			NA		
Public	University of Kentucky	36	66	29	45	52	22
Public	University of Louisville	23	95	41	13	132	59
Public	University of Maine - Orono	2	248	98	3	224	92
Public	University of Maryland - Baltimore	NA			NA		
Public	University of Maryland - Baltimore County	5	187	77	6	185	75
Public	University of Maryland - College Park	41	58	23	52	39	18
Public	University of Massachusetts - Amherst	1	291	118	2	247	97
Public	University of Massachusetts Medical Sch - Worcester	NA			NA		
Public	University of Medicine & Dentistry of New Jersey	NA			NA		
Private	University of Miami	24	93	53	34	71	42
Public	University of Michigan - Ann Arbor	64	35	16	66	31	14
Public	University of Minnesota - Twin Cities	53	44	18	40	65	28
Public	University of Mississippi - Oxford	29	78	35	33	75	31
Public	University of Mississippi Medical Center	NA			NA		

2002 — National Merits	2002 — National Rank	2002 — Control Rank	2001 — National Merits	2001 — National Rank	2001 — Control Rank	2000 — National Merits	2000 — National Rank	2000 — Control Rank
2	254	104	6	183	78	3	237	95
58	35	15	67	35	16	42	60	27
39	62	26	23	97	45	33	73	34
NA			NA			NA		
67	31	13	233	4	2	249	3	2
21	95	43	20	102	48	23	95	47
17	111	51	17	110	51	2	261	106
94	26	11	86	30	13	87	26	12
1	288	117	0	403	155	1	294	116
51	46	20	52	47	20	53	47	20
NA			NA			NA		
13	131	58	11	145	62	13	137	61
3	233	93	4	208	87	8	166	72
25	89	40	25	91	43	32	74	35
197	6	4	174	9	5	160	11	8
16	116	54	9	157	69	6	186	76
3	233	93	6	183	78	11	147	65
NA			NA			NA		
NA			NA			NA		
3	233	93	2	248	100	0	412	163
16	116	63	17	110	60	15	122	66
12	135	60	16	117	54	14	129	58
237	4	2	197	6	3	194	6	3
56	40	17	53	45	19	51	51	22
0	396	151	0	403	155	1	294	116
21	95	43	15	124	58	24	91	44
8	164	71	8	165	75	13	137	61
2	254	104	4	208	87	6	186	76
32	75	34	28	77	37	42	60	27
47	54	22	36	66	32	32	74	35
100	24	9	106	25	11	116	19	9
NA			NA			NA		
54	41	18	49	50	22	60	39	16
11	140	62	9	157	69	15	122	57
4	215	84	0	403	155	0	412	163
NA			NA			NA		
7	174	74	9	157	69	1	294	116
58	35	15	47	53	24	46	54	23
1	288	117	0	403	155	0	412	163
NA			NA			NA		
NA			NA			NA		
34	71	39	27	81	43	20	102	53
61	33	14	72	33	15	55	43	17
38	63	27	54	44	18	40	63	29
23	90	41	27	81	39	30	79	38
NA			NA			NA		

National Merit and Achievement Scholars		2004 — National Merits	2004 — National Rank	2004 — Control Rank	2003 — National Merits	2003 — National Rank	2003 — Control Rank
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)							
Public	University of Missouri - Columbia	32	74	33	18	109	52
Public	University of Montana - Missoula	7	166	71	4	205	84
Public	University of Nebraska - Lincoln	65	34	15	52	39	18
Public	University of Nebraska Medical Center	NA			NA		
Public	University of Nevada - Las Vegas	2	248	98	0	409	152
Public	University of Nevada - Reno	0	421	169	1	287	111
Public	University of New Hampshire - Durham	0	421	169	1	287	111
Public	University of New Mexico - Albuquerque	1	291	118	4	205	84
Public	University of North Carolina - Chapel Hill	153	16	5	151	16	5
Public	University of North Dakota	3	226	89	5	193	79
Private	University of Notre Dame	56	40	23	47	49	29
Public	University of Oklahoma - Norman	171	11	3	174	12	4
Public	University of Oklahoma Health Sciences Center	NA			NA		
Public	University of Oregon	14	120	54	11	149	65
Private	University of Pennsylvania	109	23	15	121	21	14
Public	University of Pittsburgh - Pittsburgh	23	95	41	13	132	59
Public	University of Puerto Rico - Medical Sciences	NA			NA		
Public	University of Rhode Island	2	248	98	0	409	152
Private	University of Rochester	27	83	47	23	93	51
Public	University of South Carolina - Columbia	46	56	21	47	49	21
Public	University of South Florida	18	106	49	23	93	43
Private	University of Southern California	198	9	7	177	10	8
Public	University of Southern Mississippi	8	153	66	4	205	84
Public	University of Tennessee - Knoxville	25	91	40	25	87	40
Public	University of Texas - Austin	247	5	2	263	3	2
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	16	114	52	23	93	43
Public	University of Vermont	1	291	118	2	247	97
Public	University of Virginia	39	60	25	43	59	25
Public	University of Washington - Seattle	36	66	29	44	56	24
Public	University of Wisconsin - Madison	36	66	29	29	82	36
Public	University of Wyoming	2	248	98	4	205	84
Public	US Naval Postgraduate School	NA			NA		
Public	Utah State University	5	187	77	13	132	59
Private	Vanderbilt University	151	17	12	159	14	10
Public	Virginia Commonwealth University	2	248	98	1	287	111
Public	Virginia Polytechnic Institute and State University	19	104	48	22	98	46
Private	Wake Forest University	14	120	67	15	124	67
Public	Washington State University - Pullman	3	226	89	6	185	75
Private	Washington University in St. Louis	224	6	4	189	8	6
Public	Wayne State University	1	291	118	0	409	152
Public	West Virginia University	20	101	46	16	114	55
Private	Woods Hole Oceanographic Institution	NA			NA		
Private	Yale University	285	3	2	254	5	3
Private	Yeshiva University	1	291	174	2	247	151

2002 — National Merits	2002 — National Rank	2002 — Control Rank	2001 — National Merits	2001 — National Rank	2001 — Control Rank	2000 — National Merits	2000 — National Rank	2000 — Control Rank
21	95	43	20	102	48	30	79	38
7	174	74	6	183	78	11	147	65
42	59	25	39	61	28	26	86	42
NA			NA			NA		
1	288	117	0	403	155	1	294	116
0	396	151	0	403	155	1	294	116
0	396	151	1	286	110	0	412	163
3	233	93	1	286	110	1	294	116
149	14	5	160	14	5	151	12	4
6	190	80	3	234	95	9	161	70
51	46	27	44	55	31	47	52	30
168	11	3	116	20	8	145	15	6
NA			NA			NA		
12	135	60	10	151	67	13	137	61
101	23	15	98	26	15	86	27	15
7	174	74	13	131	59	9	161	70
NA			NA			NA		
0	396	151	1	286	110	0	412	163
31	79	43	35	67	35	21	99	52
34	71	33	42	56	25	44	56	24
17	111	51	16	117	54	19	105	50
185	7	5	155	15	10	170	8	5
9	156	66	4	208	87	7	178	75
20	99	46	37	64	30	35	68	31
271	2	1	236	3	1	250	2	1
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
NA			NA			NA		
32	75	34	33	68	33	29	81	40
1	288	117	0	403	155	0	412	163
44	56	23	49	50	22	53	47	20
38	63	27	41	57	26	44	56	24
36	68	31	26	83	40	44	56	24
8	164	71	11	145	62	6	186	76
NA			NA			NA		
20	99	46	9	157	69	19	105	50
140	15	10	115	22	13	107	23	12
3	233	93	2	248	100	1	294	116
23	90	41	30	74	36	24	91	44
15	123	68	20	102	55	25	90	47
2	254	104	1	286	110	2	261	106
176	9	7	165	13	9	164	10	7
1	288	117	0	403	155	1	294	116
14	128	57	11	145	62	11	147	65
NA			NA			NA		
216	5	3	200	5	3	220	5	3
2	254	151	4	208	122	2	261	156

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically		2003 — Total Research x \$1000	1994 — 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	Alabama A&M University	16,663	6,796	9,866	145.2%	45	34
Public	Arizona State University - Tempe	65,822	38,314	27,508	71.8%	12	8
Public	Auburn University	56,107	51,913	4,194	8.1%	-21	-18
Private	Baylor College of Medicine	208,763	114,436	94,327	82.4%	12	5
Private	Boston College	14,539	6,567	7,971	121.4%	39	10
Private	Boston University	101,651	55,425	46,226	83.4%	19	6
Private	Brandeis University	22,985	21,333	1,652	7.7%	-12	2
Private	Brown University	56,553	33,771	22,782	67.5%	14	5
Private	California Institute of Technology	108,804	78,354	30,450	38.9%	-4	-1
Private	Carnegie Mellon University	84,249	75,068	9,181	12.2%	-25	-4
Private	Case Western Reserve University	113,330	81,616	31,714	38.9%	-1	1
Private	Charles R. Drew University of Medicine and Science	22,554	5,724	16,830	294.0%	80	22
Public	Clemson University	69,165	46,893	22,272	47.5%	5	2
Public	College of William and Mary	19,881	12,519	7,361	58.8%	10	6
Public	Colorado State University	84,567	68,869	15,698	22.8%	-14	-13
Private	Columbia University	197,870	144,782	53,088	36.7%	-3	-2
Private	Cornell University	160,970	134,041	26,929	20.1%	-6	-3
Private	Cornell University Weill Medical College	67,170	57,446	9,724	16.9%	-21	-4
Private	Dartmouth College	70,435	35,424	35,011	98.8%	26	6
Public	Desert Research Institute	14,357	13,141	1,216	9.3%	-22	-18
Private	Drexel University	31,443	12,791	18,652	145.8%	33	10
Private	Duke University	235,178	134,863	100,316	74.4%	13	4
Private	Emory University	146,130	83,400	62,729	75.2%	15	3
Public	Florida International University	23,588	8,280	15,309	184.9%	54	40
Public	Florida State University	68,844	46,902	21,942	46.8%	2	-1
Public	George Mason University	20,336	11,557	8,779	76.0%	19	13
Private	George Washington University	41,799	23,534	18,265	77.6%	16	5
Private	Georgetown University	45,292	50,622	-5,330	-10.5%	-37	-7
Public	Georgia Institute of Technology	164,650	118,579	46,071	38.9%	-1	0
Public	Georgia State University	20,640	10,472	10,168	97.1%	27	19
Private	Harvard University	184,776	170,528	14,248	8.4%	-13	-6
Private	Howard University	16,989	12,148	4,841	39.9%	-2	1
Public	Indiana University - Bloomington	61,064	33,466	27,598	82.5%	20	13
Public	Indiana University-Purdue University - Indianapolis	91,596	50,198	41,398	82.5%	17	9
Public	Iowa State University	90,224	95,523	-5,300	-5.5%	-31	-24
Public	Jackson State University	13,040	2,876	10,164	353.3%	85	58
Private	Johns Hopkins University	562,472	480,148	82,324	17.1%	0	0
Public	Kansas State University	50,967	40,232	10,734	26.7%	-4	-5
Private	Loma Linda University	11,888	5,637	6,252	110.9%	30	12
Public	Louisiana State University - Baton Rouge	93,439	71,100	22,339	31.4%	-7	-7
Public	Louisiana State University Health Sciences Center	36,985	20,314	16,671	82.1%	17	9
Private	Loyola University Chicago	16,990	22,555	-5,564	-24.7%	-36	-5
Private	Massachusetts Institute of Technology	219,614	229,508	-9,894	-4.3%	-11	-3
Public	Medical College of Georgia	25,498	17,159	8,338	48.6%	8	1
Private	Medical College of Wisconsin	49,102	30,378	18,724	61.6%	10	3
Public	Medical University of South Carolina	68,064	28,323	39,741	140.3%	37	26

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2003 — Federal Research x \$1000	1994 — Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2003 — Non-Federal Research x \$1000	1994 — 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
13,718	5,483	8,235	150.2%	32	22	2,945	1,313	1,632	124.3%	27	15
32,434	18,800	13,634	72.5%	7	5	33,388	19,514	13,874	71.1%	26	22
20,514	16,992	3,521	20.7%	-17	-15	35,593	34,920	673	1.9%	-17	-13
136,880	56,588	80,291	141.9%	22	8	71,883	57,848	14,036	24.3%	-3	1
10,356	4,861	5,495	113.0%	21	7	4,182	1,706	2,476	145.1%	39	13
92,204	44,430	47,774	107.5%	20	7	9,446	10,994	-1,548	-14.1%	-21	-3
15,246	13,219	2,027	15.3%	-22	-3	7,739	8,114	-375	-4.6%	-11	0
36,821	22,576	14,246	63.1%	1	2	19,732	11,196	8,536	76.2%	26	6
99,054	68,896	30,158	43.8%	1	0	9,750	9,458	293	3.1%	-8	2
71,243	53,763	17,481	32.5%	-9	0	13,006	21,305	-8,299	-39.0%	-55	-12
92,885	59,588	33,297	55.9%	1	-1	20,445	22,028	-1,583	-7.2%	-21	-7
17,816	4,700	13,116	279.1%	66	19	4,739	1,025	3,714	362.5%	83	27
28,280	14,779	13,501	91.4%	13	9	40,885	32,114	8,772	27.3%	-5	-3
9,943	6,385	3,558	55.7%	-6	-6	9,938	6,134	3,804	62.0%	22	12
52,964	40,703	12,261	30.1%	-5	-6	31,603	28,166	3,437	12.2%	-8	-6
174,298	124,379	49,919	40.1%	0	0	23,573	20,403	3,170	15.5%	-4	1
96,293	78,404	17,889	22.8%	-3	-2	64,677	72,693	-8,017	-11.0%	-21	-3
48,990	40,390	8,599	21.3%	-8	0	18,180	17,056	1,124	0.7%	-12	-2
47,938	25,575	22,363	87.4%	17	6	22,497	9,849	12,648	128.4%	51	15
10,518	9,353	1,166	12.5%	-22	-18	3,839	3,789	50	1.3%	-15	-12
22,275	6,740	15,535	230.5%	49	16	9,167	6,051	3,117	51.5%	15	7
138,733	90,850	47,884	52.7%	6	1	96,445	44,013	52,432	119.1%	20	6
103,194	54,341	48,853	89.9%	14	8	42,935	29,059	13,876	47.8%	5	2
18,473	6,697	11,776	175.8%	41	28	5,116	1,582	3,533	223.3%	64	45
39,778	24,358	15,420	63.3%	7	0	29,066	22,544	6,522	28.9%	3	3
17,410	7,765	9,646	124.2%	23	14	2,925	3,792	-867	-22.9%	-38	-30
31,176	14,930	16,247	108.8%	15	4	10,622	8,604	2,018	23.5%	5	6
37,861	33,677	4,184	12.4%	-19	-2	7,431	16,945	-9,514	-56.1%	-68	-19
92,039	59,449	32,591	54.8%	0	2	72,611	59,130	13,481	22.8%	-3	-4
10,045	4,147	5,898	142.2%	31	22	10,595	6,326	4,270	67.5%	24	14
157,611	116,468	41,143	35.3%	-2	-2	27,165	54,060	-26,895	-49.7%	-50	-14
16,338	9,306	7,032	75.6%	10	5	651	2,842	-2,191	-77.1%	-120	-41
27,782	20,003	7,779	38.9%	-3	-3	33,283	13,463	19,820	147.2%	49	38
41,672	30,004	11,668	38.9%	-7	-9	49,924	20,195	29,729	147.2%	39	30
37,206	34,563	2,643	7.6%	-25	-20	53,017	60,960	-7,943	-13.0%	-22	-16
11,577	2,584	8,993	348.0%	77	52	1,463	292	1,171	400.8%	84	49
500,462	435,840	64,621	14.8%	0	0	62,011	44,308	17,703	40.0%	1	1
24,103	13,195	10,907	82.7%	15	8	26,864	27,037	-173	-0.6%	-15	-11
10,251	3,112	7,139	229.4%	55	17	1,637	2,524	-887	-35.1%	-46	-13
21,997	15,304	6,693	43.7%	-5	-6	71,441	55,795	15,646	28.0%	-2	-3
16,234	10,841	5,393	49.8%	-5	-6	20,751	9,473	11,278	119.1%	46	33
12,707	14,445	-1,738	-12.0%	-40	-7	4,283	8,110	-3,827	-47.2%	-50	-9
161,041	165,788	-4,747	-2.9%	-9	-4	58,573	63,720	-5,147	-8.1%	-18	-4
12,785	5,586	7,200	128.9%	24	14	12,712	11,574	1,138	9.8%	-13	-12
37,536	19,265	18,271	94.8%	16	6	11,566	11,112	454	4.1%	-9	1
41,997	17,458	24,539	140.6%	28	18	26,067	10,865	15,202	139.9%	54	39

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Total Research x \$1000	1994 — Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Private	Meharry Medical College	11,496	6,330	5,166	81.6%	17	6
Public	Michigan State University	145,310	99,996	45,314	45.3%	3	2
Public	Mississippi State University	75,013	46,665	28,348	60.7%	11	7
Public	Montana State University - Bozeman	41,369	22,138	19,231	86.9%	19	12
Private	Morehouse School of Medicine	12,276	4,606	7,670	166.5%	45	19
Private	Mount Sinai School of Medicine	96,982	52,776	44,206	83.8%	19	6
Public	New Jersey Institute of Technology	33,304	18,362	14,942	81.4%	18	10
Public	New Mexico State University - Las Cruces	49,104	49,167	-63	-0.1%	-24	-21
Private	New York Medical College	13,785	11,467	2,318	20.2%	-10	0
Private	New York University	109,224	85,247	23,977	28.1%	-7	-3
Public	North Carolina State University	129,312	106,194	23,118	21.8%	-9	-7
Public	North Dakota State University	41,508	22,645	18,863	83.3%	17	11
Private	Northeastern University	19,409	11,699	7,710	65.9%	13	5
Private	Northwestern University	144,546	104,077	40,470	38.9%	0	-1
Public	Ohio State University - Columbus	224,440	141,167	83,272	59.0%	7	5
Public	Ohio University - Athens	16,966	10,059	6,907	68.7%	14	10
Public	Oklahoma State University - Stillwater	46,602	43,363	3,239	7.5%	-18	-15
Public	Oregon Health & Science University	89,144	39,117	50,027	127.9%	34	23
Public	Oregon State University	75,786	73,348	2,438	3.3%	-25	-20
Public	Pennsylvania State University - Hershey Medical Ctr	24,116	22,267	1,850	8.3%	-9	-13
Public	Pennsylvania State University - University Park	217,046	163,288	53,757	32.9%	-2	-1
Private	Princeton University	81,356	60,803	20,553	33.8%	-8	-1
Public	Purdue University - West Lafayette	139,914	105,782	34,132	32.3%	-3	-1
Private	Rensselaer Polytechnic Institute	22,956	22,776	181	0.8%	-18	-1
Private	Rice University	23,675	20,398	3,277	16.1%	-7	4
Private	Rockefeller University	86,868	45,598	41,270	90.5%	23	9
Private	Rush University	40,326	24,334	15,991	65.7%	9	2
Public	Rutgers the State University of NJ - New Brunswick	110,481	94,406	16,075	17.0%	-12	-9
Private	Saint Louis University - St. Louis	18,622	12,765	5,857	45.9%	1	2
Public	San Diego State University	30,315	17,949	12,366	68.9%	13	6
Private	Stanford University	272,719	195,087	77,632	39.8%	0	1
Public	State Univ. of New York Health Science Ctr - Brooklyn	17,372	17,008	363	2.1%	-17	-16
Public	Stony Brook University	90,569	69,355	21,214	30.6%	-9	-9
Private	Syracuse University	22,083	23,669	-1,586	-6.7%	-24	-5
Public	Temple University	32,247	34,483	-2,236	-6.5%	-23	-19
Public	Texas A&M University	206,264	217,861	-11,597	-5.3%	-15	-10
Public	Texas A&M University System Health Sciences Center	24,880	NA				
Public	Texas Tech University	31,518	19,088	12,430	65.1%	14	6
Private	Thomas Jefferson University	49,316	34,865	14,451	41.4%	3	1
Private	Tufts University	50,911	45,164	5,747	12.7%	-11	0
Private	Tulane University	53,216	51,371	1,845	3.6%	-23	-3
Public	University at Albany	54,548	26,549	27,999	105.5%	27	18
Public	University at Buffalo	108,585	86,405	22,181	25.7%	-11	-6
Public	University of Alabama - Birmingham	128,621	86,799	41,823	48.2%	-1	0
Public	University of Alabama - Huntsville	21,066	19,280	1,786	9.3%	-12	-12
Public	University of Alabama - Tuscaloosa	15,456	13,448	2,008	14.9%	-20	-18

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2003 — Federal Research x \$1000	1994 — Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2003 — Non-Federal Research x \$1000	1994 — 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
10,939	6,218	4,720	75.9%	4	5	557	112	446	399.7%	98	62
60,500	45,229	15,271	33.8%	-5	-6	84,809	54,767	30,043	54.9%	7	5
36,094	20,771	15,323	73.8%	4	1	38,919	25,894	13,025	50.3%	8	7
24,089	9,638	14,451	149.9%	35	24	17,279	12,500	4,780	38.2%	0	0
11,023	4,080	6,943	170.1%	42	16	1,253	526	727	138.2%	28	13
69,044	33,797	35,247	104.3%	19	6	27,938	18,979	8,959	47.2%	19	5
13,805	7,699	6,106	79.3%	5	1	19,499	10,663	8,836	82.9%	31	22
34,074	36,519	-2,445	-6.7%	-36	-27	15,030	12,649	2,382	18.8%	-11	-9
10,573	9,133	1,441	15.8%	-18	-2	3,212	2,334	878	37.6%	7	6
75,064	54,512	20,552	37.7%	-9	-1	34,161	30,736	3,425	11.1%	-8	-4
43,473	42,628	845	2.0%	-22	-19	85,839	63,567	22,273	35.0%	-2	-3
17,153	6,661	10,492	157.5%	34	22	24,356	15,984	8,372	52.4%	18	12
12,159	9,821	2,338	23.8%	-17	-2	7,250	1,878	5,372	286.0%	73	21
90,563	51,248	39,315	76.7%	7	3	53,984	52,829	1,155	2.2%	-9	-3
89,736	69,315	20,421	29.5%	-10	-3	134,703	71,852	62,851	87.5%	7	6
9,226	3,574	5,652	158.1%	43	28	7,740	6,485	1,256	19.4%	1	-1
17,066	12,518	4,548	36.3%	-8	-9	29,536	30,845	-1,309	-4.2%	-18	-13
74,244	26,718	47,526	177.9%	34	24	14,900	12,399	2,501	20.2%	-8	-6
45,436	39,848	5,587	14.0%	-15	-13	30,350	33,500	-3,150	-9.4%	-24	-17
13,612	12,396	1,217	9.8%	-24	-20	10,504	9,871	633	6.4%	-5	-6
122,512	90,903	31,609	34.8%	-1	2	94,534	72,385	22,149	30.6%	-5	-5
47,023	35,852	11,171	31.2%	-7	-1	34,332	24,951	9,381	37.6%	7	1
58,411	50,307	8,103	16.1%	-13	-12	81,503	55,474	26,029	46.9%	3	1
14,601	13,528	1,073	7.9%	-27	-5	8,356	9,248	-892	-9.6%	-16	-2
19,760	15,722	4,038	25.7%	-12	-1	3,916	4,677	-761	-16.3%	-27	-6
34,045	24,490	9,555	39.0%	-9	-1	52,823	21,108	31,715	150.3%	40	9
22,530	9,083	13,447	148.1%	37	14	17,796	15,252	2,544	16.7%	-11	-2
42,675	37,144	5,531	14.9%	-18	-16	67,806	57,262	10,544	18.4%	-5	-6
16,723	11,097	5,626	50.7%	-3	2	1,899	1,668	231	13.8%	-9	2
12,697	7,513	5,184	69.0%	-2	-5	17,618	10,436	7,182	68.8%	22	15
218,608	164,466	54,143	32.9%	0	1	54,110	30,621	23,489	76.7%	20	6
13,168	10,224	2,944	28.8%	-15	-13	4,203	6,784	-2,581	-38.0%	-47	-38
50,840	44,505	6,335	14.2%	-12	-11	39,730	24,850	14,880	59.9%	13	10
15,624	11,825	3,799	32.1%	-12	-1	6,459	11,844	-5,385	-45.5%	-55	-17
23,197	16,621	6,576	39.6%	-8	-9	9,050	17,862	-8,812	-49.3%	-59	-45
80,075	83,863	-3,788	-4.5%	-21	-12	126,188	133,998	-7,810	-5.8%	-4	-4
12,084	NA					12,795	NA				
10,473	5,218	5,255	100.7%	16	11	21,045	13,870	7,175	51.7%	16	12
38,586	26,465	12,121	45.8%	-3	2	10,731	8,400	2,330	27.7%	8	9
35,690	30,419	5,271	17.3%	-23	-5	15,221	14,745	476	3.2%	-20	-3
37,126	25,938	11,188	43.1%	-7	-1	16,091	25,434	-9,343	-36.7%	-55	-13
34,377	14,457	19,920	137.8%	26	20	20,171	12,092	8,079	66.8%	19	16
58,680	50,103	8,577	17.1%	-11	-10	49,906	36,302	13,604	37.5%	-8	-5
110,863	60,456	50,407	83.4%	9	6	17,758	26,343	-8,585	-32.6%	-51	-38
16,076	13,217	2,858	21.6%	-18	-17	4,990	6,062	-1,072	-17.7%	-26	-19
11,864	7,032	4,832	68.7%	-3	-5	3,592	6,417	-2,824	-44.0%	-57	-46

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Total Research x \$1000	1994 — 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 Alaska - Fairbanks	58,283	46,599	11,684	25.1%	-5	-6
Public	University of Arizona	205,679	165,311	40,368	24.4%	-7	-4
Public	University of Arkansas - Fayetteville	37,197	35,406	1,792	5.1%	-19	-14
Public	University of Arkansas for Medical Sciences	28,788	13,939	14,849	106.5%	21	12
Public	University of California - Berkeley	229,299	177,371	51,928	29.3%	-1	0
Public	University of California - Davis	217,978	140,942	77,036	54.7%	5	4
Public	University of California - Irvine	106,088	64,166	41,922	65.3%	10	7
Public	University of California - Los Angeles	383,994	171,392	212,603	124.0%	10	8
Public	University of California - Riverside	50,847	37,353	13,493	36.1%	-1	-1
Public	University of California - San Diego	292,286	203,256	89,030	43.8%	0	-1
Public	University of California - San Francisco	303,559	191,309	112,250	58.7%	3	1
Public	University of California - Santa Barbara	67,422	45,084	22,337	49.5%	7	2
Public	University of California - Santa Cruz	35,466	26,001	9,466	36.4%	-2	-3
Public	University of Central Florida	40,635	20,576	20,059	97.5%	21	13
Private	University of Chicago	111,814	74,653	37,161	49.8%	2	3
Public	University of Cincinnati - Cincinnati	115,323	57,320	58,003	101.2%	26	17
Public	University of Colorado - Boulder	96,755	86,079	10,676	12.4%	-17	-10
Public	University of Colorado Health Sciences Center	98,730	57,386	41,344	72.0%	14	10
Public	University of Connecticut - Health Center	46,469	36,846	9,623	26.1%	-10	-7
Public	University of Connecticut - Storrs	39,585	46,894	-7,309	-15.6%	-38	-30
Private	University of Dayton	23,936	29,253	-5,318	-18.2%	-30	-3
Public	University of Delaware	45,529	31,070	14,460	46.5%	1	0
Public	University of Florida	194,283	90,998	103,285	113.5%	18	12
Public	University of Georgia	135,516	115,039	20,477	17.8%	-8	-5
Public	University of Hawaii - Manoa	81,055	42,916	38,138	88.9%	23	15
Public	University of Houston - University Park	28,688	26,413	2,275	8.6%	-13	-13
Public	University of Idaho	38,525	30,215	8,310	27.5%	-7	-6
Public	University of Illinois - Chicago	131,790	69,655	62,135	89.2%	18	11
Public	University of Illinois - Urbana-Champaign	223,148	150,287	72,861	48.5%	4	3
Public	University of Iowa	132,029	96,169	35,860	37.3%	-2	-2
Public	University of Kansas - Lawrence	47,839	33,406	14,433	43.2%	3	2
Public	University of Kansas Medical Center	30,385	25,201	5,184	20.6%	-7	-7
Public	University of Kentucky	122,999	64,632	58,367	90.3%	18	11
Public	University of Louisville	40,021	12,539	27,482	219.2%	47	35
Public	University of Maine - Orono	31,160	18,000	13,160	73.1%	15	8
Public	University of Maryland - Baltimore	134,396	67,894	66,502	97.9%	23	16
Public	University of Maryland - Baltimore County	19,398	4,971	14,427	290.2%	79	55
Public	University of Maryland - College Park	145,531	121,468	24,062	19.8%	-6	-3
Public	University of Massachusetts - Amherst	51,319	40,017	11,302	28.2%	-2	-3
Public	University of Massachusetts Medical Sch - Worcester	67,283	37,840	29,443	77.8%	15	10
Public	University of Medicine & Dentistry of New Jersey	86,244	53,197	33,047	62.1%	4	0
Private	University of Miami	80,342	74,391	5,951	8.0%	-25	-4
Public	University of Michigan - Ann Arbor	352,662	263,808	88,854	33.7%	-1	-1
Public	University of Minnesota - Twin Cities	229,919	186,874	43,045	23.0%	-1	0
Public	University of Mississippi - Oxford	22,542	6,310	16,233	257.3%	74	54
Public	University of Mississippi Medical Center	15,153	9,000	6,153	68.4%	14	10

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2003 — Federal Research x \$1000	1994 — Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2003 — Non-Federal Research x \$1000	1994 — 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
32,826	24,968	7,858	31.5%	-13	-10	25,457	21,632	3,825	17.7%	-2	-1
117,127	89,224	27,903	31.3%	-1	1	88,551	76,086	12,465	16.4%	-10	-9
12,239	9,823	2,416	24.6%	-17	-15	24,959	25,583	-624	-2.4%	-16	-12
18,844	8,212	10,632	129.5%	30	19	9,944	5,727	4,217	73.6%	28	17
107,693	93,408	14,285	15.3%	-10	-6	121,606	83,963	37,643	44.8%	-3	-3
94,185	69,029	25,156	36.4%	-2	0	123,793	71,914	51,880	72.1%	4	3
60,524	41,181	19,343	47.0%	3	0	45,564	22,985	22,579	98.2%	22	17
190,413	116,480	73,933	63.5%	5	3	193,582	54,912	138,670	252.5%	24	21
18,269	14,540	3,729	25.6%	-12	-11	32,578	22,813	9,765	42.8%	8	8
180,885	163,000	17,885	11.0%	-2	-2	111,401	40,256	71,145	176.7%	28	21
168,044	130,596	37,449	28.7%	-2	-1	135,515	60,714	74,801	123.2%	15	13
39,976	36,337	3,638	10.0%	-20	-18	27,446	8,747	18,699	213.8%	71	50
17,276	14,576	2,700	18.5%	-18	-16	18,190	11,424	6,766	59.2%	17	12
21,587	10,135	11,453	113.0%	23	16	19,047	10,441	8,606	82.4%	30	21
90,930	62,789	28,141	44.8%	-5	-4	20,884	11,863	9,020	76.0%	27	5
83,756	34,515	49,241	142.7%	28	20	31,567	22,805	8,762	38.4%	5	5
87,142	58,116	29,027	49.9%	-5	-1	9,613	27,963	-18,350	-65.6%	-90	-69
82,016	38,743	43,273	111.7%	18	11	16,714	18,643	-1,929	-10.3%	-23	-18
26,249	16,855	9,394	55.7%	-3	-4	20,220	19,991	229	1.1%	-13	-9
24,229	12,715	11,514	90.6%	17	10	15,355	34,179	-18,824	-55.1%	-79	-60
21,397	24,492	-3,096	-12.6%	-37	-6	2,539	4,761	-2,222	-46.7%	-61	-18
31,418	16,076	15,342	95.4%	11	8	14,111	14,994	-883	-5.9%	-26	-22
88,141	48,765	39,375	80.7%	9	6	106,142	42,232	63,910	151.3%	24	17
42,445	33,685	8,760	26.0%	-10	-10	93,071	81,354	11,717	14.4%	-10	-9
64,913	24,124	40,789	169.1%	41	28	16,142	18,793	-2,651	-14.1%	-27	-22
14,719	13,981	738	5.3%	-27	-22	13,969	12,432	1,537	12.4%	-13	-11
19,377	10,157	9,220	90.8%	18	13	19,147	20,057	-910	-4.5%	-20	-15
75,981	34,952	41,029	117.4%	20	12	55,809	34,703	21,106	60.8%	11	8
120,479	84,961	35,518	41.8%	1	3	102,669	65,327	37,343	57.2%	3	2
89,181	60,956	28,225	46.3%	-7	-2	42,848	35,213	7,635	21.7%	-12	-9
23,994	14,248	9,746	68.4%	7	2	23,846	19,159	4,687	24.5%	7	4
17,091	10,748	6,343	59.0%	2	-1	13,294	14,453	-1,159	-8.0%	-25	-22
54,253	29,886	24,368	81.5%	16	10	68,746	34,746	34,000	97.9%	19	12
18,050	5,679	12,370	217.8%	51	35	21,971	6,859	15,112	220.3%	70	47
13,066	6,973	6,093	87.4%	7	3	18,094	11,028	7,066	64.1%	20	14
57,035	36,577	20,458	55.9%	3	1	77,361	31,318	46,044	147.0%	32	22
15,446	3,723	11,722	314.8%	72	49	3,952	1,247	2,705	216.8%	55	35
82,827	52,698	30,130	57.2%	0	-2	62,703	68,771	-6,068	-8.8%	-18	-15
27,505	20,044	7,461	37.2%	-5	-5	23,814	19,973	3,841	19.2%	2	0
49,316	21,387	27,929	130.6%	34	21	17,967	16,453	1,514	9.2%	-13	-11
47,694	24,917	22,778	91.4%	18	12	38,550	28,280	10,270	36.3%	1	0
59,163	56,073	3,090	5.5%	-18	-5	21,179	18,318	2,861	15.6%	4	1
233,653	162,116	71,538	44.1%	3	1	119,009	101,693	17,316	17.0%	-5	-5
132,586	110,868	21,717	19.6%	-6	-1	97,333	76,006	21,327	28.1%	-5	-5
18,345	4,493	13,852	308.3%	72	51	4,197	1,817	2,380	131.0%	40	27
9,749	5,205	4,543	87.3%	12	9	5,404	3,795	1,609	42.4%	10	8

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — Total Research x \$1000	1994 — 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 Missouri - Columbia	92,776	74,257	18,519	24.9%	-12	-12
Public	University of Montana - Missoula	19,694	10,355	9,340	90.2%	23	15
Public	University of Nebraska - Lincoln	86,355	62,922	23,434	37.2%	-5	-5
Public	University of Nebraska Medical Center	35,742	20,820	14,922	71.7%	12	5
Public	University of Nevada - Las Vegas	19,081	9,484	9,597	101.2%	26	19
Public	University of Nevada - Reno	36,418	25,829	10,589	41.0%	1	0
Public	University of New Hampshire - Durham	43,589	26,766	16,823	62.9%	8	5
Public	University of New Mexico - Albuquerque	71,540	55,309	16,231	29.3%	-7	-7
Public	University of North Carolina - Chapel Hill	176,564	123,473	53,091	43.0%	-1	-1
Public	University of North Dakota	18,899	11,472	7,428	64.7%	13	8
Private	University of Notre Dame	27,037	13,983	13,054	93.4%	15	8
Public	University of Oklahoma - Norman	48,114	31,663	16,451	52.0%	7	5
Public	University of Oklahoma Health Sciences Center	30,762	26,973	3,789	14.0%	-12	-12
Public	University of Oregon	20,166	19,089	1,077	5.6%	-14	-14
Private	University of Pennsylvania	255,308	153,995	101,313	65.8%	8	2
Public	University of Pittsburgh - Pittsburgh	185,218	113,525	71,693	63.2%	7	4
Public	University of Puerto Rico - Medical Sciences	14,071	10,879	3,192	29.3%	-4	-6
Public	University of Rhode Island	27,948	28,557	-609	-2.1%	-21	-20
Private	University of Rochester	129,196	102,568	26,628	26.0%	-7	-1
Public	University of South Carolina - Columbia	54,889	45,318	9,571	21.1%	-7	-8
Public	University of South Florida	96,410	52,780	43,630	82.7%	15	10
Private	University of Southern California	187,214	126,935	60,279	47.5%	1	1
Public	University of Southern Mississippi	15,846	5,152	10,694	207.6%	60	40
Public	University of Tennessee - Knoxville	98,282	65,734	32,548	49.5%	4	2
Public	University of Texas - Austin	155,456	159,593	-4,136	-2.6%	-15	-7
Public	University of Texas Health Science Center - Houston	67,496	40,683	26,813	65.9%	12	7
Public	University of Texas Health Science Ctr - San Antonio	60,267	51,157	9,110	17.8%	-14	-14
Public	University of Texas MD Anderson Cancer Center	142,488	74,931	67,557	90.2%	16	11
Public	University of Texas Medical Branch - Galveston	69,226	44,566	24,660	55.3%	13	8
Public	University of Texas SW Medical Center - Dallas	125,093	72,507	52,586	72.5%	12	6
Public	University of Utah	101,152	63,549	37,603	59.2%	9	7
Public	University of Vermont	47,468	31,707	15,761	49.7%	4	2
Public	University of Virginia	93,223	79,308	13,914	17.5%	-17	-13
Public	University of Washington - Seattle	309,604	216,756	92,848	42.8%	1	0
Public	University of Wisconsin - Madison	326,076	240,501	85,576	35.6%	-1	-1
Public	University of Wyoming	27,150	23,555	3,595	15.3%	-10	-12
Public	US Naval Postgraduate School	27,589	16,252	11,338	69.8%	14	6
Public	Utah State University	62,780	48,432	14,348	29.6%	-7	-9
Private	Vanderbilt University	124,813	67,428	57,385	85.1%	17	-9
Public	Virginia Commonwealth University	57,169	46,908	10,261	21.9%	-11	-12
Public	Virginia Polytechnic Institute and State University	112,034	90,827	21,207	23.3%	-8	-6
Private	Wake Forest University	58,956	32,201	26,755	83.1%	20	7
Public	Washington State University - Pullman	74,685	58,067	16,618	28.6%	-13	-10
Private	Washington University in St. Louis	214,444	117,812	96,631	82.0%	11	5
Public	Wayne State University	96,622	57,953	38,669	66.7%	8	6
Public	West Virginia University	47,357	35,889	11,468	32.0%	-6	-4
Private	Woods Hole Oceanographic Institution	47,119	49,816	-2,697	-5.4%	-31	-5
Private	Yale University	175,254	137,753	37,501	27.2%	-6	-4
Private	Yeshiva University	80,128	56,880	23,248	40.9%	-5	-1

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2003 — Federal Research x \$1000	1994 — Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2003 — Non-Federal Research x \$1000	1994 — 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
38,072	19,168	18,904	98.6%	19	11	54,705	55,090	-385	-0.7%	-11	-8
12,306	5,313	6,994	131.6%	27	18	7,388	5,042	2,346	46.5%	15	13
27,128	21,722	5,406	24.9%	-15	-15	59,227	41,199	18,028	43.8%	3	1
15,115	7,506	7,609	101.4%	12	7	20,627	13,314	7,312	54.9%	17	13
14,698	5,844	8,854	151.5%	29	18	4,383	3,640	743	20.4%	0	0
21,591	11,513	10,078	87.5%	14	8	14,828	14,316	511	3.6%	-20	-17
26,883	15,330	11,554	75.4%	5	2	16,706	11,437	5,269	46.1%	7	4
48,167	31,710	16,457	51.9%	4	1	23,373	23,599	-226	-1.0%	-17	-14
126,895	91,276	35,618	39.0%	-2	1	49,670	32,197	17,473	54.3%	2	2
12,811	10,203	2,608	25.6%	-16	-14	6,088	1,269	4,820	379.8%	86	59
18,636	10,018	8,618	86.0%	18	5	8,401	3,965	4,436	111.9%	37	12
16,345	11,015	5,330	48.4%	-3	-5	31,770	20,648	11,121	53.9%	15	12
17,706	10,582	7,124	67.3%	7	4	13,055	16,390	-3,335	-20.3%	-33	-28
16,333	13,598	2,735	20.1%	-19	-16	3,833	5,491	-1,658	-30.2%	-38	-29
187,907	114,157	73,750	64.6%	6	3	67,401	39,838	27,564	69.2%	10	5
156,257	91,241	65,016	71.3%	5	4	28,961	22,284	6,677	30.0%	3	3
11,685	7,332	4,352	59.4%	-6	-8	2,387	3,547	-1,160	-32.7%	-47	-34
23,483	20,225	3,258	16.1%	-18	-18	4,465	8,332	-3,867	-46.4%	-51	-41
94,104	83,203	10,901	13.1%	-6	-4	35,092	19,365	15,727	81.2%	31	7
28,502	23,221	5,281	22.7%	-13	-11	26,387	22,097	4,290	19.4%	-2	0
47,969	12,193	35,776	293.4%	68	50	48,441	40,587	7,854	19.4%	-13	-9
135,718	91,698	44,020	48.0%	-1	-2	51,496	35,237	16,259	46.1%	-2	-2
14,310	4,465	9,845	220.5%	50	35	1,535	687	848	123.4%	29	15
45,430	30,236	15,194	50.3%	0	-2	52,852	35,498	17,354	48.9%	-1	0
104,885	91,606	13,279	14.5%	-9	-6	50,571	67,986	-17,415	-25.6%	-31	-21
48,592	28,673	19,919	69.5%	12	8	18,904	12,010	6,894	57.4%	13	11
39,189	31,643	7,546	23.8%	-13	-14	21,077	19,514	1,564	8.0%	-4	-2
55,549	25,976	29,574	113.9%	25	18	86,939	48,956	37,983	77.6%	12	8
42,063	20,071	21,992	109.6%	23	14	27,164	24,495	2,669	10.9%	-7	-5
80,110	43,767	36,343	83.0%	10	5	44,982	28,740	16,242	56.5%	7	4
68,770	49,766	19,004	38.2%	-5	-5	32,383	13,784	18,599	134.9%	45	35
32,023	20,635	11,388	55.2%	-2	-3	15,445	11,072	4,372	39.5%	8	4
78,413	51,240	27,174	53.0%	-2	-5	14,809	28,069	-13,259	-47.2%	-68	-53
255,709	172,105	83,604	48.6%	0	0	53,896	44,651	9,244	20.7%	-7	-4
179,136	138,037	41,099	29.8%	-1	-1	146,940	102,464	44,477	43.4%	0	0
10,482	9,256	1,226	13.2%	-21	-18	16,668	14,299	2,369	16.6%	-11	-10
26,431	16,060	10,371	64.6%	2	0	1,158	192	967	504.3%	99	53
43,173	28,249	14,924	52.8%	2	0	19,607	20,183	-576	-2.9%	-19	-14
100,357	56,610	43,747	77.3%	9	0	24,456	10,819	13,638	126.1%	52	-32
36,711	29,348	7,363	25.1%	-17	-13	20,458	17,560	2,898	16.5%	0	0
44,370	45,005	-635	-1.4%	-26	-21	67,663	45,822	21,841	47.7%	3	0
49,038	22,489	26,549	118.1%	31	12	9,918	9,712	206	2.1%	-6	2
28,844	27,981	863	3.1%	-25	-18	45,841	30,086	15,755	52.4%	7	5
161,564	84,694	76,870	90.8%	13	5	52,879	33,118	19,761	59.7%	8	1
46,550	26,550	20,000	75.3%	10	8	50,072	31,403	18,669	59.5%	7	7
27,391	21,203	6,188	29.2%	-12	-12	19,966	14,687	5,279	35.9%	4	2
38,162	45,452	-7,290	-16.0%	-40	-7	8,958	4,364	4,594	105.3%	36	12
134,144	104,981	29,163	27.8%	-4	-4	41,110	32,772	8,338	25.4%	-6	-2
58,273	43,308	14,965	34.6%	-4	1	21,855	13,573	8,283	61.0%	21	6

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically		2004 — Endowment Assets x \$1000	1995 — 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	Alabama A&M University	NR	NR				
Public	Arizona State University - Tempe	213,906	71,348	142,558	199.8%	76	19
Public	Auburn University	232,145	145,613	86,532	59.4%	-16	-16
Private	Baylor College of Medicine	839,042	427,840	411,202	96.1%	3	5
Private	Boston College	992,463	534,974	457,488	85.5%	-1	0
Private	Boston University	598,897	407,490	191,407	47.0%	-11	-3
Private	Brandeis University	403,602	225,327	178,274	79.1%	0	6
Private	Brown University	1,421,451	727,747	693,704	95.3%	4	4
Private	California Institute of Technology	1,088,222	736,764	351,458	47.7%	-7	-3
Private	Carnegie Mellon University	663,561	485,105	178,456	36.8%	-15	-10
Private	Case Western Reserve University	1,244,146	938,632	305,514	32.5%	-9	-4
Private	Charles R. Drew University of Medicine and Science	22,435	NR				
Public	Clemson University	228,555	114,347	114,208	99.9%	6	-9
Public	College of William and Mary	353,679	149,276	204,403	136.9%	26	4
Public	Colorado State University	106,589	32,991	73,598	223.1%	92	10
Private	Columbia University	3,877,083	2,354,068	1,523,015	64.7%	-1	-1
Private	Cornell University	2,290,406	1,294,187	996,219	77.0%	-3	-2
Private	Cornell University Weill Medical College	503,966	284,090	219,876	77.4%	0	5
Private	Dartmouth College	2,117,809	965,030	1,152,780	119.5%	-1	0
Public	Desert Research Institute	NR	NR				
Private	Drexel University	366,168	100,894	265,274	262.9%	80	54
Private	Duke University	2,859,529	799,996	2,059,533	257.4%	11	8
Private	Emory University	3,913,758	2,387,548	1,526,210	63.9%	-1	-1
Public	Florida International University	62,024	NR				
Public	Florida State University	355,532	69,703	285,829	410.1%	142	50
Public	George Mason University	32,359	NR				
Private	George Washington University	633,197	425,046	208,151	49.0%	-11	-4
Private	Georgetown University	587,299	442,027	145,272	32.9%	-20	-11
Public	Georgia Institute of Technology	964,406	358,868	605,539	168.7%	27	3
Public	Georgia State University	53,079	20,774	32,305	155.5%	51	0
Private	Harvard University	19,107,755	7,536,255	11,571,500	153.5%	0	0
Private	Howard University	320,274	162,783	157,490	96.7%	9	11
Public	Indiana University - Bloomington	454,410	240,094	214,316	89.3%	8	-4
Public	Indiana University-Purdue University - Indianapolis	419,455	216,086	203,369	94.1%	11	-2
Public	Iowa State University	345,696	142,124	203,572	143.2%	34	6
Public	Jackson State University	NR	NR				
Private	Johns Hopkins University	1,773,727	896,560	877,167	97.8%	-1	0
Public	Kansas State University	177,839	109,240	68,599	62.8%	-18	-14
Private	Loma Linda University	NR	NR				
Public	Louisiana State University - Baton Rouge	222,459	72,519	149,940	206.8%	75	18
Public	Louisiana State University Health Sciences Center	50,848	23,531	27,317	116.1%	22	-9
Private	Loyola University Chicago	196,853	388,485	-191,632	-49.3%	-124	-69
Private	Massachusetts Institute of Technology	5,061,091	2,223,072	2,838,020	127.7%	3	2
Public	Medical College of Georgia	83,372	26,429	56,943	215.5%	90	7
Private	Medical College of Wisconsin	321,461	39,277	282,184	718.4%	230	163
Public	Medical University of South Carolina	70,907	25,248	45,659	180.8%	74	7

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2004 — Annual Giving x \$1000	1995 — Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2004 — Doctorates Awarded	1995 — Doctorates Awarded	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
NR	NR					5	6	-1	-16.7%	-89	-28
63,459	34,125	29,335	86.0%	-14	-4	355	305	50	16.4%	8	6
43,958	23,865	20,093	84.2%	-15	-5	161	137	24	17.5%	12	9
69,814	33,660	36,154	107.4%	-20	-12	78	45	33	73.3%	43	17
55,522	23,624	31,898	135.0%	-42	-22	122	108	14	13.0%	-1	-6
77,867	40,352	37,516	93.0%	-12	-7	267	315	-48	-15.2%	-15	-4
55,236	26,042	29,194	112.1%	-28	-14	82	101	-19	-18.8%	-24	-15
81,677	109,648	-27,971	-25.5%	34	14	147	184	-37	-20.1%	-24	-13
93,578	73,842	19,736	26.7%	11	5	166	161	5	3.1%	3	-1
49,952	44,935	5,017	11.2%	27	7	195	180	15	8.3%	6	-1
59,879	67,107	-7,228	-10.8%	28	8	203	166	37	22.3%	14	1
NR	NR					0	0	0	0.0%	-93	-70
31,595	36,195	-4,600	-12.7%	52	38	113	99	14	14.1%	10	8
30,182	17,869	12,313	68.9%	-16	1	56	41	15	36.6%	12	7
40,314	10,105	30,209	299.0%	-123	-46	160	209	-49	-23.4%	-25	-16
252,810	162,366	90,444	55.7%	1	2	495	660	-165	-25.0%	-8	-4
233,117	148,797	84,319	56.7%	0	2	412	525	-113	-21.5%	-8	-2
99,907	63,771	36,137	56.7%	-1	-1	24	24	0	0.0%	-49	-26
102,378	87,380	14,998	17.2%	12	4	55	45	10	22.2%	-5	-5
NR	NR					NR	NR				
33,179	18,103	15,076	83.3%	-24	-20	111	62	49	79.0%	49	19
232,130	165,963	66,167	39.9%	4	5	259	246	13	5.3%	1	-1
115,907	53,480	62,427	116.7%	-15	-10	164	160	4	2.5%	3	-1
12,064	NR					78	43	35	81.4%	48	27
39,391	33,823	5,568	16.5%	27	20	271	295	-24	-8.1%	-6	-4
13,253	11,538	1,716	14.9%	35	20	149	147	2	1.4%	-3	0
40,744	25,063	15,682	62.6%	-4	-5	255	157	98	62.4%	35	8
93,664	46,254	47,410	102.5%	-9	-6	71	58	13	22.4%	9	2
55,470	44,045	11,425	25.9%	11	10	311	189	122	64.6%	31	26
11,304	7,523	3,781	50.3%	-20	13	113	170	-57	-33.5%	-38	-18
502,712	345,915	156,797	45.3%	0	0	572	556	16	2.9%	1	-1
NR	NR					99	79	20	25.3%	11	5
51,027	58,642	-7,615	-13.0%	37	25	391	383	8	2.1%	-2	-1
50,166	52,778	-2,613	-5.0%	35	24	35	31	4	12.9%	-27	-12
46,580	43,004	3,576	8.3%	28	18	239	318	-79	-24.8%	-26	-18
NR	NR					39	4	35	875.0%	176	61
272,386	101,325	171,060	168.8%	-16	-9	362	271	91	33.6%	17	4
46,771	21,821	24,950	114.3%	-30	-16	146	166	-20	-12.1%	-17	-6
16,306	25,613	-9,306	-36.3%	100	45	65	62	3	4.8%	-9	-8
NR	NR					240	222	18	8.1%	1	3
NR	NR					39	47	-8	-17.0%	-47	-22
17,726	19,472	-1,746	-9.0%	56	24	142	108	34	31.5%	11	0
254,272	115,451	138,821	120.2%	-8	-3	467	521	-54	-10.4%	-2	1
4,373	5,561	-1,188	-21.4%	121	58	7	11	-4	-36.4%	-113	-37
10,527	NR					29	13	16	123.1%	37	31
16,910	7,364	9,546	129.6%	-103	-17	30	15	15	100.0%	27	3

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Endowment Assets x \$1000	1995 — Endowment Assets x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Private	Meharry Medical College	39,962	NR				
Public	Michigan State University	646,627	136,978	509,649	372.1%	95	28
Public	Mississippi State University	148,335	81,967	66,368	81.0%	3	-6
Public	Montana State University - Bozeman	58,167	NR				
Private	Morehouse School of Medicine	27,746	NR				
Private	Mount Sinai School of Medicine	NR	NR				
Public	New Jersey Institute of Technology	43,082	10,117	32,965	325.8%	69	21
Public	New Mexico State University - Las Cruces	94,936	25,624	69,312	270.5%	120	16
Private	New York Medical College	48,719	42,068	6,650	15.8%	-98	-53
Private	New York University	1,250,774	792,640	458,134	57.8%	-2	0
Public	North Carolina State University	279,743	166,990	112,753	67.5%	-8	-10
Public	North Dakota State University	10,873	NR				
Private	Northeastern University	430,139	255,108	175,031	68.6%	1	8
Private	Northwestern University	3,165,467	1,537,015	1,628,452	105.9%	0	1
Public	Ohio State University - Columbus	1,329,880	594,398	735,482	123.7%	6	1
Public	Ohio University - Athens	152,113	106,943	45,170	42.2%	-36	-21
Public	Oklahoma State University - Stillwater	145,940	70,924	75,016	105.8%	29	4
Public	Oregon Health & Science University	247,664	117,329	130,336	111.1%	20	-1
Public	Oregon State University	239,601	103,321	136,280	131.9%	32	5
Public	Pennsylvania State University - Hershey Medical Ctr	136,694	36,203	100,491	277.6%	130	24
Public	Pennsylvania State University - University Park	672,349	289,624	382,725	132.1%	21	2
Private	Princeton University	8,567,044	4,152,615	4,414,429	106.3%	0	0
Public	Purdue University - West Lafayette	1,041,633	645,703	395,931	61.3%	-6	-4
Private	Rensselaer Polytechnic Institute	492,004	333,319	158,685	47.6%	-9	-1
Private	Rice University	2,849,688	1,636,469	1,213,220	74.1%	-4	-3
Private	Rockefeller University	1,203,518	648,708	554,810	85.5%	1	2
Private	Rush University	293,547	257,020	36,527	14.2%	-42	-19
Public	Rutgers the State University of NJ - New Brunswick	357,153	228,415	128,737	56.4%	-15	-9
Private	Saint Louis University - St. Louis	605,811	415,019	190,792	46.0%	-10	-2
Public	San Diego State University	66,707	30,858	35,849	116.2%	21	-10
Private	Stanford University	8,561,694	3,303,236	5,258,458	159.2%	0	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	33,758	18,947	14,811	78.2%	-55	-22
Public	Stony Brook University	49,918	13,409	36,509	272.3%	84	21
Private	Syracuse University	664,577	291,524	373,053	128.0%	19	18
Public	Temple University	143,352	90,411	52,941	58.6%	-26	-18
Public	Texas A&M University	3,472,000	2,324,825	1,147,175	49.3%	-2	-1
Public	Texas A&M University System Health Sciences Center	55,093	NA				
Public	Texas Tech University	213,425	127,669	85,757	67.2%	-14	-18
Private	Thomas Jefferson University	NR	262,401				
Private	Tufts University	649,270	269,417	379,853	141.0%	24	20
Private	Tulane University	597,701	356,357	241,344	67.7%	2	7
Public	University at Albany	14,140	3,749	10,391	277.2%	-120	-17
Public	University at Buffalo	369,383	229,023	140,361	61.3%	-12	-9
Public	University of Alabama - Birmingham	246,163	113,380	132,783	117.1%	23	0
Public	University of Alabama - Huntsville	19,307	9,193	10,113	110.0%	-112	-29
Public	University of Alabama - Tuscaloosa	337,870	183,859	154,011	83.8%	-2	-6

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2004 — Annual Giving x \$1000	1995 — Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2004 — Doctorates Awarded	1995 — Doctorates Awarded	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
NR	6,806					16	6	10	166.7%	36	30
95,596	53,648	41,948	78.2%	-2	0	430	419	11	2.6%	0	-2
49,461	21,653	27,808	128.4%	-35	-19	85	118	-33	-28.0%	-41	-18
NR	NR					42	40	2	5.0%	-20	-9
3,749	NR					3	0	3		-30	-18
NR	NR					27	0	27		191	140
9,510	6,858	2,652	38.7%	-5	17	69	27	42	155.6%	72	38
18,479	4,173	14,306	342.9%	-286	-65	78	75	3	4.0%	-6	-2
NR	1,867					7	4	3	75.0%	-32	-23
186,244	98,148	88,096	89.8%	-7	-4	407	380	27	7.1%	2	0
119,500	44,543	74,957	168.3%	-30	-13	338	304	34	11.2%	7	6
8,578	NR					32	24	8	33.3%	-16	-6
19,949	14,630	5,319	36.4%	-7	-15	69	80	-11	-13.8%	-29	-15
118,740	108,074	10,667	9.9%	10	2	367	375	-8	-2.1%	-4	0
177,825	99,359	78,465	79.0%	-4	-1	561	699	-138	-19.7%	-7	-3
15,754	19,046	-3,292	-17.3%	72	40	111	116	-5	-4.3%	-11	-3
35,403	18,040	17,363	96.2%	-30	-9	204	157	47	29.9%	21	16
75,159	30,729	44,430	144.6%	-35	-21	49	20	29	145.0%	60	26
44,808	38,007	6,801	17.9%	23	16	173	188	-15	-8.0%	-9	-3
23,495	8,858	14,637	165.2%	-92	-18	30	14	16	114.3%	32	5
92,675	70,867	21,808	30.8%	10	6	539	563	-24	-4.3%	-2	0
109,141	111,052	-1,911	-1.7%	17	6	276	300	-24	-8.0%	-5	-1
141,280	81,495	59,785	73.4%	-5	0	446	509	-63	-12.4%	-2	-3
35,447	30,283	5,165	17.1%	23	6	156	154	2	1.3%	1	-1
49,374	47,521	1,853	3.9%	35	12	126	51	75	147.1%	79	35
53,252	48,077	5,175	10.8%	24	6	13	20	-7	-35.0%	-99	-60
NR	18,217					35	34	1	2.9%	-33	-20
54,574	35,455	19,119	53.9%	-2	3	382	405	-23	-5.7%	-6	-5
28,020	16,885	11,135	65.9%	-18	-18	155	108	47	43.5%	20	5
43,167	18,547	24,620	132.7%	-43	-19	50	18	32	177.8%	76	32
452,625	257,594	195,031	75.7%	0	0	625	574	51	8.9%	2	0
4,909	NA					16	2	14	700.0%	98	21
19,490	10,177	9,312	91.5%	-54	-6	285	241	44	18.3%	11	7
49,844	34,388	15,456	44.9%	8	0	151	202	-51	-25.2%	-31	-12
25,793	21,065	4,728	22.4%	21	18	334	315	19	6.0%	0	1
92,099	80,023	12,076	15.1%	16	9	515	564	-49	-8.7%	-4	-2
3,297	NR					9	NA				
36,307	18,340	17,967	98.0%	-30	-10	174	142	32	22.5%	17	12
NA	25,440					16	22	-6	-27.3%	-89	-54
29,920	36,769	-6,848	-18.6%	60	16	99	83	16	19.3%	6	0
52,895	37,436	15,459	41.3%	7	-1	127	89	38	42.7%	23	7
83,181	6,218	76,963	1237.8%	-300	-107	168	168	0	0.0%	-1	2
20,132	16,168	3,964	24.5%	3	11	299	318	-19	-6.0%	-7	-5
53,771	25,552	28,219	110.4%	-28	-13	111	97	14	14.4%	10	8
5,767	6,372	-605	-9.5%	86	48	31	25	6	24.0%	-21	-8
37,324	27,498	9,826	35.7%	11	11	158	162	-4	-2.5%	-5	-1

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Endowment Assets x \$1000	1995 — 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 Alaska - Fairbanks	118,107	13,886	104,221	750.6%	236	68
Public	University of Arizona	300,585	87,071	213,514	245.2%	79	25
Public	University of Arkansas - Fayetteville	488,871	91,322	397,548	435.3%	121	41
Public	University of Arkansas for Medical Sciences	60,492	NR				
Public	University of California - Berkeley	1,757,984	879,883	878,101	99.8%	-1	-1
Public	University of California - Davis	65,615	155,274	-89,659	-57.7%	-235	-91
Public	University of California - Irvine	126,918	51,758	75,160	145.2%	56	11
Public	University of California - Los Angeles	506,383	543,457	-37,074	-6.8%	-43	-15
Public	University of California - Riverside	66,177	25,879	40,298	155.7%	54	-2
Public	University of California - San Diego	158,935	103,516	55,419	53.5%	-24	-17
Public	University of California - San Francisco	267,947	336,426	-68,479	-20.4%	-69	-31
Public	University of California - Santa Barbara	91,761	25,879	65,882	254.6%	108	12
Public	University of California - Santa Cruz	69,091	25,879	43,212	167.0%	60	0
Public	University of Central Florida	61,539	29,998	31,541	105.1%	15	-12
Private	University of Chicago	3,124,326	1,473,898	1,650,428	112.0%	0	1
Public	University of Cincinnati - Cincinnati	852,360	530,577	321,783	60.6%	-8	-4
Public	University of Colorado - Boulder	215,636	95,798	119,839	125.1%	21	-3
Public	University of Colorado Health Sciences Center	133,694	47,899	85,795	179.1%	77	15
Public	University of Connecticut - Health Center	56,089	15,197	40,892	269.1%	100	24
Public	University of Connecticut - Storrs	113,878	35,460	78,417	221.1%	93	12
Private	University of Dayton	262,900	126,841	136,059	107.3%	21	21
Public	University of Delaware	859,353	538,066	321,287	59.7%	-10	-4
Public	University of Florida	637,078	358,103	278,975	77.9%	7	-3
Public	University of Georgia	409,529	165,012	244,517	148.2%	31	5
Public	University of Hawaii - Manoa	143,412	79,783	63,630	79.8%	-4	-9
Public	University of Houston - University Park	267,451	222,562	44,888	20.2%	-37	-20
Public	University of Idaho	124,837	60,612	64,225	106.0%	29	0
Public	University of Illinois - Chicago	118,701	53,250	65,451	122.9%	41	3
Public	University of Illinois - Urbana-Champaign	630,034	262,152	367,882	140.3%	22	1
Public	University of Iowa	636,565	208,573	427,992	205.2%	47	12
Public	University of Kansas - Lawrence	571,601	329,612	241,989	73.4%	0	-4
Public	University of Kansas Medical Center	153,893	82,403	71,490	86.8%	7	-4
Public	University of Kentucky	421,809	145,604	276,205	189.7%	56	13
Public	University of Louisville	478,771	195,723	283,049	144.6%	27	6
Public	University of Maine - Orono	86,797	94,528	-7,731	-8.2%	-128	-53
Public	University of Maryland - Baltimore	115,331	59,681	55,650	93.2%	15	-4
Public	University of Maryland - Baltimore County	22,836	3,617	19,218	531.3%	-41	12
Public	University of Maryland - College Park	255,260	112,126	143,134	127.7%	28	3
Public	University of Massachusetts - Amherst	69,437	35,575	33,862	95.2%	6	-15
Public	University of Massachusetts Medical Sch - Worcester	32,178	22,639	9,539	42.1%	-94	-39
Public	University of Medicine & Dentistry of New Jersey	171,255	77,613	93,641	120.7%	28	4
Private	University of Miami	407,515	283,367	124,148	43.8%	-21	-7
Public	University of Michigan - Ann Arbor	3,592,582	1,356,868	2,235,715	164.8%	6	1
Public	University of Minnesota - Twin Cities	1,492,871	784,640	708,231	90.3%	2	0
Public	University of Mississippi - Oxford	266,539	60,430	206,109	341.1%	143	43
Public	University of Mississippi Medical Center	50,392	20,143	30,249	150.2%	44	2

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2004 — Annual Giving x \$1000	1995 — Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2004 — Doctorates Awarded	1995 — Doctorates Awarded	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
6,679	NR					20	19	1	5.3%	-51	-27
87,864	45,398	42,466	93.5%	-7	-2	398	396	2	0.5%	-2	-1
71,937	33,361	38,576	115.6%	-26	-12	110	132	-22	-16.7%	-24	-9
NR	NR					12	13	-1	-7.7%	-69	-23
157,327	110,264	47,063	42.7%	5	4	775	828	-53	-6.4%	0	0
71,055	36,035	35,020	97.2%	-17	-6	375	341	34	10.0%	3	0
45,170	23,161	22,009	95.0%	-21	-9	187	188	-1	-0.5%	-4	2
227,539	104,996	122,543	116.7%	-8	-5	666	663	3	0.5%	3	4
14,862	17,269	-2,407	-13.9%	69	37	141	132	9	6.8%	-3	2
96,849	43,982	52,867	120.2%	-18	-10	327	274	53	19.3%	8	8
187,808	115,654	72,154	62.4%	2	0	95	86	9	10.5%	-6	1
65,693	7,300	58,393	799.9%	-241	-91	253	202	51	25.2%	10	11
12,985	11,255	1,730	15.4%	38	20	107	100	7	7.0%	-3	2
11,375	4,297	7,078	164.7%	-186	-31	132	67	65	97.0%	51	28
139,447	106,031	33,417	31.5%	6	0	331	366	-35	-9.6%	-10	-3
44,339	46,070	-1,731	-3.8%	39	27	212	264	-52	-19.7%	-17	-12
29,956	31,894	-1,938	-6.1%	45	34	286	299	-13	-4.3%	-1	-1
32,203	15,947	16,256	101.9%	-44	-12	60	31	29	93.5%	37	20
7,732	878	6,853	780.4%	-582	-151	0	0	0	0.0%	-93	-23
30,926	7,902	23,024	291.4%	-156	-45	257	265	-8	-3.0%	-5	-2
20,683	10,398	10,285	98.9%	-54	-47	25	29	-4	-13.8%	-61	-31
38,516	24,436	14,080	57.6%	-1	5	177	139	38	27.3%	19	14
115,076	77,563	37,512	48.4%	0	2	694	400	294	73.5%	20	13
53,111	31,233	21,877	70.0%	-11	-4	404	342	62	18.1%	7	4
16,578	21,736	-5,158	-23.7%	80	44	116	155	-39	-25.2%	-24	-9
26,888	26,312	576	2.2%	41	30	196	192	4	2.1%	-2	1
17,334	NR					70	66	4	6.1%	-9	-3
34,648	31,173	3,475	11.1%	28	21	233	245	-12	-4.9%	-9	-6
108,464	93,519	14,945	16.0%	11	8	574	761	-187	-24.6%	-8	-6
74,712	64,270	10,442	16.2%	14	10	300	340	-40	-11.8%	-8	-6
63,009	32,457	30,552	94.1%	-20	-8	239	250	-11	-4.4%	-9	-4
15,952	8,114	7,838	96.6%	-67	-7	17	12	5	41.7%	-24	-14
51,286	39,621	11,665	29.4%	13	11	233	223	10	4.5%	-4	-2
32,524	23,097	9,427	40.8%	8	11	106	61	45	73.8%	42	25
27,143	12,091	15,053	124.5%	-59	-13	40	40	0	0.0%	-27	-12
35,904	20,070	15,834	78.9%	-19	-3	103	57	46	80.7%	51	30
9,343	8,504	838	9.9%	56	31	65	42	23	54.8%	27	15
70,472	39,157	31,315	80.0%	-9	-2	482	480	2	0.4%	2	0
21,857	14,955	6,902	46.2%	-13	6	274	307	-33	-10.7%	-9	-7
NR	NR					30	6	24	400.0%	117	34
18,639	NR					185	112	73	65.2%	32	23
108,480	72,563	35,917	49.5%	0	-2	159	144	15	10.4%	6	1
182,598	149,666	32,932	22.0%	10	4	660	714	-54	-7.6%	-1	0
215,537	140,801	74,736	53.1%	3	1	592	685	-93	-13.6%	-2	0
34,052	14,279	19,773	138.5%	-62	-18	73	93	-20	-21.5%	-34	-16
8,091	4,760	3,332	70.0%	-80	0	15	12	3	25.0%	-35	-17

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2004 — Endowment Assets x \$1000	1995 — 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 Missouri - Columbia	492,600	195,685	296,915	151.7%	31	9
Public	University of Montana - Missoula	74,210	NR				
Public	University of Nebraska - Lincoln	538,372	223,181	315,191	141.2%	28	5
Public	University of Nebraska Medical Center	124,240	88,564	35,676	40.3%	-51	-25
Public	University of Nevada - Las Vegas	44,302	40,294	4,008	9.9%	-109	-47
Public	University of Nevada - Reno	49,037	72,175	-23,138	-32.1%	-185	-67
Public	University of New Hampshire - Durham	143,669	59,981	83,688	139.5%	58	10
Public	University of New Mexico - Albuquerque	197,328	127,297	70,031	55.0%	-20	-18
Public	University of North Carolina - Chapel Hill	1,136,621	282,985	853,636	301.7%	50	11
Public	University of North Dakota	NR	NR				
Private	University of Notre Dame	2,671,282	1,066,279	1,605,003	150.5%	0	0
Public	University of Oklahoma - Norman	375,922	171,917	204,005	118.7%	17	2
Public	University of Oklahoma Health Sciences Center	168,893	73,678	95,215	129.2%	41	6
Public	University of Oregon	231,174	94,799	136,375	143.9%	34	3
Private	University of Pennsylvania	3,467,702	1,792,372	1,675,330	93.5%	0	1
Public	University of Pittsburgh - Pittsburgh	1,177,757	493,088	684,669	138.9%	13	4
Public	University of Puerto Rico - Medical Sciences	NR	NR				
Public	University of Rhode Island	55,109	24,327	30,782	126.5%	31	-8
Private	University of Rochester	1,088,602	769,621	318,981	41.4%	-7	-3
Public	University of South Carolina - Columbia	284,577	94,593	189,983	200.8%	64	18
Public	University of South Florida	233,765	84,841	148,924	175.5%	55	13
Private	University of Southern California	2,070,925	945,310	1,125,615	119.1%	-1	0
Public	University of Southern Mississippi	NR	NR				
Public	University of Tennessee - Knoxville	436,822	84,049	352,772	419.7%	129	43
Public	University of Texas - Austin	1,759,400	817,009	942,391	115.3%	1	1
Public	University of Texas Health Science Center - Houston	97,904	22,869	75,035	328.1%	141	25
Public	University of Texas Health Science Ctr - San Antonio	240,218	20,811	219,407	1054.3%	305	88
Public	University of Texas MD Anderson Cancer Center	308,823	84,674	224,149	264.7%	91	29
Public	University of Texas Medical Branch - Galveston	303,972	164,279	139,693	85.0%	2	-5
Public	University of Texas SW Medical Center - Dallas	694,035	256,592	437,443	170.5%	38	7
Public	University of Utah	340,380	136,610	203,770	149.2%	37	7
Public	University of Vermont	193,513	119,014	74,499	62.6%	-19	-18
Public	University of Virginia	2,410,274	881,281	1,528,993	173.5%	5	0
Public	University of Washington - Seattle	1,135,485	384,530	750,955	195.3%	31	4
Public	University of Wisconsin - Madison	903,216	436,042	467,175	107.1%	7	0
Public	University of Wyoming	168,033	93,334	74,698	80.0%	-3	-10
Public	US Naval Postgraduate School	NR	NR				
Public	Utah State University	70,182	30,062	40,120	133.5%	35	-5
Private	Vanderbilt University	1,981,444	1,019,136	962,308	94.4%	-4	-3
Public	Virginia Commonwealth University	189,432	111,085	78,347	70.5%	-11	-14
Public	Virginia Polytechnic Institute and State University	319,973	215,098	104,875	48.8%	-17	-11
Private	Wake Forest University	700,840	451,063	249,777	55.4%	-4	-1
Public	Washington State University - Pullman	444,886	281,126	163,760	58.3%	-6	-8
Private	Washington University in St. Louis	3,452,310	2,204,406	1,247,904	56.6%	-2	-1
Public	Wayne State University	149,819	74,872	74,947	100.1%	19	-1
Public	West Virginia University	261,918	131,760	130,158	98.8%	14	-3
Private	Woods Hole Oceanographic Institution	NR	169,512				
Private	Yale University	10,999,516	4,234,632	6,764,884	159.8%	0	0
Private	Yeshiva University	865,509	377,983	487,527	129.0%	20	19

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2004 — Annual Giving x \$1000	1995 — Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2004 — Doctorates Awarded	1995 — Doctorates Awarded	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
61,694	27,357	34,337	125.5%	-33	-16	251	219	32	14.6%	6	7
9,590	NR					38	26	12	46.2%	-1	3
55,394	32,919	22,475	68.3%	-12	-3	236	229	7	3.1%	-4	-2
30,215	13,063	17,152	131.3%	-61	-17	23	20	3	15.0%	-34	-22
25,074	NR					44	10	34	340.0%	117	46
27,888	18,155	9,733	53.6%	-5	7	77	67	10	14.9%	0	2
10,986	8,520	2,465	28.9%	23	21	46	51	-5	-9.8%	-31	-12
34,370	15,918	18,452	115.9%	-52	-16	195	201	-6	-3.0%	-4	-1
164,141	93,481	70,660	75.6%	-5	-1	439	369	70	19.0%	8	4
NR	NR					58	60	-2	-3.3%	-23	-9
149,874	75,102	74,772	99.6%	-10	-6	149	119	30	25.2%	6	-1
67,897	20,645	47,252	228.9%	-64	-35	136	172	-36	-20.9%	-27	-14
16,974	8,848	8,126	91.8%	-55	-5	26	18	8	44.4%	-4	-12
40,423	24,412	16,011	65.6%	-6	0	164	192	-28	-14.6%	-17	-10
290,788	144,744	146,044	100.9%	-6	-4	414	539	-125	-23.2%	-9	-3
82,370	42,134	40,236	95.5%	-12	-5	382	324	58	17.9%	7	4
NR	NR					7	1	6	600.0%	14	0
11,626	8,824	2,802	31.7%	17	19	79	108	-29	-26.9%	-38	-14
50,523	43,099	7,424	17.2%	20	5	210	242	-32	-13.2%	-12	-3
38,285	29,952	8,333	27.8%	16	12	241	237	4	1.7%	0	1
36,189	18,973	17,217	90.7%	-27	-7	179	104	75	72.1%	41	26
305,882	147,996	157,885	106.7%	-6	-4	573	539	34	6.3%	3	1
NR	NR					139	103	36	35.0%	18	12
107,979	29,801	78,178	262.3%	-55	-32	280	257	23	8.9%	4	3
228,612	65,779	162,833	247.5%	-27	-16	702	727	-25	-3.4%	1	2
30,228	11,936	18,293	153.3%	-72	-22	98	74	24	32.4%	15	8
29,319	14,300	15,019	105.0%	-46	-8	34	45	-11	-24.4%	-64	-30
85,749	50,737	35,013	69.0%	0	1	NA	NA				
40,033	31,537	8,495	26.9%	18	13	35	33	2	6.1%	-30	-13
116,003	52,621	63,382	120.4%	-18	-7	47	23	24	104.3%	44	23
120,177	68,084	52,093	76.5%	-10	-3	216	208	8	3.8%	-1	1
23,988	16,538	7,450	45.0%	-4	8	53	53	0	0.0%	-17	-7
145,235	83,965	61,270	73.0%	-5	0	358	312	46	14.7%	7	5
170,865	136,667	34,198	25.0%	7	4	503	482	21	4.4%	3	0
226,793	175,788	51,005	29.0%	9	2	628	758	-130	-17.2%	-4	-3
25,790	5,453	20,338	373.0%	-244	-61	42	63	-21	-33.3%	-64	-30
NR	NR					0	11	-11	-100.0%	-237	-67
14,052	6,022	8,030	133.4%	-135	-21	64	64	0	0.0%	-16	-6
105,749	91,032	14,718	16.2%	12	4	189	181	8	4.4%	1	-4
29,190	16,418	12,772	77.8%	-26	-2	153	109	44	40.4%	17	12
57,846	44,916	12,931	28.8%	10	11	290	361	-71	-19.7%	-14	-12
48,927	38,095	10,832	28.4%	20	7	39	17	22	129.4%	55	33
35,120	33,368	1,752	5.2%	34	27	167	169	-2	-1.2%	-3	0
107,173	65,215	41,958	64.3%	-2	-3	241	164	77	47.0%	28	4
NR	22,908					194	220	-26	-11.8%	-12	-7
41,964	23,138	18,826	81.4%	-15	-4	160	156	4	2.6%	3	3
NR	NR					0	0	0	0.0%	-93	-70
231,361	213,542	17,818	8.3%	7	7	340	366	-26	-7.1%	-6	-1
NR	NR					121	100	21	21.0%	9	0

Change: Students		SAT Scores					
Institutions with Over \$20 Million In Federal Research, Alphabetically		2003 — SAT Range (V; Q) or ACT Range	1995 — SAT Range (V; Q) or ACT Range	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Alabama A&M University	16-19	NR				
Public	Arizona State University - Tempe	480-600; 490-620	480-600; 480-600	15	1.4%	21	-3
Public	Auburn University	510-600; 520-620	520-610; 530-630	-20	-1.7%	-88	-26
Private	Baylor College of Medicine	NA	NA				
Private	Boston College	590-680; 610-690	600-680; 610-690	-5	-0.4%	-28	-23
Private	Boston University	600-690; 620-690	570-670; 570-660	65	5.3%	38	28
Private	Brandeis University	620-720; 630-720	610-700; 600-690	45	3.5%	6	5
Private	Brown University	640-750; 650-750	640-740; 650-730	15	1.1%	-5	-5
Private	California Institute of Technology	700-780; 760-800	670-780; 730-800	30	2.0%	0	0
Private	Carnegie Mellon University	600-710; 680-770	NR				
Private	Case Western Reserve University	590-700; 630-730	600-710; 640-740	-20	-1.5%	-31	-28
Private	Charles R. Drew University of Medicine and Science	NA	NA				
Public	Clemson University	550-630; 570-660	510-600; 530-620	75	6.6%	128	31
Public	College of William and Mary	630-730; 630-710	600-710; 600-680	55	4.2%	13	3
Public	Colorado State University	500-600; 510-610	500-600; 520-600	0	0.0%	-45	-15
Private	Columbia University	650-760; 660-750	640-750; 630-730	35	2.5%	2	2
Private	Cornell University	610-700; 622-720	610-650; 640-730	-19	-1.4%	-30	-27
Private	Cornell University Weill Medical College	NA	NA				
Private	Dartmouth College	660-760; 670-770	660-750; 660-760	15	1.1%	0	0
Public	Desert Research Institute	NR	NR				
Private	Drexel University	504-630; 560-660	490-600; 520-620	80	7.2%	148	111
Private	Duke University	660-750; 670-770	640-730; 650-740	45	3.3%	1	1
Private	Emory University	640-720; 660-740	610-700; 620-700	65	4.9%	18	17
Public	Florida International University	NR	540-660; 510-600				
Public	Florida State University	520-620; 530-630	540-640; 540-630	-25	-2.1%	-96	-23
Public	George Mason University	490-600; 510-610	490-600; 490-580	25	2.3%	50	10
Private	George Washington University	590-690; 590-680	580-670; 560-660	40	3.2%	21	14
Private	Georgetown University	640-730; 650-730	620-710; 600; 680	70	5.4%	19	18
Public	Georgia Institute of Technology	600-690; 650-740	600-680; 630-730	20	1.5%	-8	-1
Public	Georgia State University	490-600; 490-600	480-580; 480-560	40	3.8%	120	39
Private	Harvard University	700-790; 700-800	690-790; 680-770	30	2.1%	0	0
Private	Howard University	420-680; 420-680	NR				
Public	Indiana University - Bloomington	490-600; 500-620	NR				
Public	Indiana University-Purdue University - Indianapolis	440-540; 440-550	410-530; 400-520	55	5.9%	139	19
Public	Iowa State University	520-650; 560-680	22-27	80	7.1%	137	34
Public	Jackson State University	16-20	16-18	40	4.8%	-48	-91
Private	Johns Hopkins University	630-720; 660-750	630-720; 640-740	15	1.1%	-1	-1
Public	Kansas State University	21-26	20-26	20	1.9%	39	5
Private	Loma Linda University	NA	NA				
Public	Louisiana State University - Baton Rouge	22-27	500-630; 500-630	-5	-0.4%	-55	-21
Public	Louisiana State University Health Sciences Center	NA	NA				
Private	Loyola University Chicago	540-640; 510-630	520-630; 520-620	15	1.3%	0	2
Private	Massachusetts Institute of Technology	680-760; 730-800	660-750; 720-790	25	1.7%	0	0
Public	Medical College of Georgia	NA	NA				
Private	Medical College of Wisconsin	NA	NA				
Public	Medical University of South Carolina	NA	NA				

National Merit and Achievement Scholars						Headcount Enrollment			
2004 — National Merit Scholars	1995 — National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2003 Total Student Headcount	Fall 1994 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
0	0	0	0.0%	-24	-11	6,588	5,543	1,045	18.9%
163	30	133	443.3%	65	33	48,901	42,189	6,712	15.9%
26	45	-19	-42.2%	-43	-17	23,152	21,226	1,926	9.1%
NA	NA					1,287	1,126	161	14.3%
16	12	4	33.3%	22	12	13,728	14,713	-985	-6.7%
56	42	14	33.3%	11	4	29,049	29,072	-23	-0.1%
33	38	-5	-13.2%	-10	-8	4,985	4,008	977	24.4%
67	60	7	11.7%	-4	0	7,882	7,801	81	1.0%
52	34	18	52.9%	22	7	2,172	1,929	243	12.6%
24	20	4	20.0%	11	0	9,756	7,282	2,474	34.0%
55	79	-24	-30.4%	-21	-11	9,186	9,555	-369	-3.9%
NA	NA					509	309	200	64.7%
37	21	16	76.2%	36	20	17,016	16,290	726	4.5%
11	25	-14	-56.0%	-51	-18	7,749	7,547	202	2.7%
12	2	10	500.0%	113	42	28,186	27,130	1,056	3.9%
60	26	34	130.8%	48	23	21,322	19,051	2,271	11.9%
52	42	10	23.8%	5	-1	19,620	22,197	-2,577	-11.6%
NA	NA					731	663	68	10.3%
54	58	-4	-6.9%	-11	-5	5,682	5,264	418	7.9%
NR	NR					NR	NR		
1	3	-2	-66.7%	-60	-40	17,000	9,711	7,289	75.1%
125	92	33	35.9%	-3	-3	12,223	11,352	871	7.7%
64	51	13	25.5%	2	2	11,654	10,899	755	6.9%
1	0	1	0.0%	106	40	33,228	26,547	6,681	25.2%
17	96	-79	-82.3%	-93	-45	36,884	29,527	7,357	24.9%
1	0	1		106	40	28,246	21,774	6,472	29.7%
28	44	-16	-36.4%	-34	-21	23,417	19,298	4,119	21.3%
37	31	6	19.4%	7	0	13,164	12,617	547	4.3%
117	131	-14	-10.7%	-10	-2	16,643	12,901	3,742	29.0%
0	0	0	0.0%	-24	-11	28,042	23,730	4,312	18.2%
397	425	-28	-6.6%	0	0	24,851	24,806	45	0.2%
29	43	-14	-32.6%	-29	-18	10,658	10,115	543	5.4%
21	18	3	16.7%	12	10	38,589	35,594	2,995	8.4%
2	0	2		149	60	29,860	26,766	3,094	11.6%
70	58	12	20.7%	5	1	27,380	24,990	2,390	9.6%
0	2	-2	-100.0%	-174	-68	7,815	6,224	1,591	25.6%
50	51	-1	-2.0%	-12	-9	18,820	15,548	3,272	21.0%
14	14	0	0.0%	6	5	23,050	19,883	3,167	15.9%
NA	NA					3,501	3,040	461	15.2%
40	31	9	29.0%	12	11	31,934	26,010	5,924	22.8%
NA	NA					2,842	3,217	-375	-11.7%
8	1	7	700.0%	130	75	13,362	13,806	-444	-3.2%
156	149	7	4.7%	-6	-5	10,340	9,774	566	5.8%
NA	NA					2,078	2,546	-468	-18.4%
NA	NA					1,259	967	292	30.2%
NA	NA					2,303	2,256	47	2.1%

Change: Students		SAT Scores					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — SAT Range (V; Q) or ACT Range	1995 — SAT Range (V; Q) or ACT Range	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Private	Meharry Medical College	NA	NA				
Public	Michigan State University	500-620; 520-650	480-600; 490-620	50	4.6%	107	31
Public	Mississippi State University	20-27	19-27	20	1.9%	39	5
Public	Montana State University - Bozeman	490-600; 500-620	480-600; 490-620	10	0.9%	-11	-7
Private	Morehouse School of Medicine	NA	NA				
Private	Mount Sinai School of Medicine	NA	NA				
Public	New Jersey Institute of Technology	480-590; 560-660	500-610; 560-650	-15	-1.3%	-77	-18
Public	New Mexico State University - Las Cruces	18-23	19-24	-40	-4.0%	-193	-123
Private	New York Medical College	NA	NA				
Private	New York University	600-700; 610-710	600-690; 590-680	30	2.3%	-2	-5
Public	North Carolina State University	530-630; 570-670	520-630; 540-650	30	2.6%	21	8
Public	North Dakota State University	500-630; 530-660	NR				
Private	Northeastern University	550-640; 570-660	500-600; 500-600	110	10.0%	229	168
Private	Northwestern University	650-730; 660-750	610-700; 610-720	75	5.7%	18	18
Public	Ohio State University - Columbus	530-630; 550-660	480-600; 480-620	95	8.7%	216	61
Public	Ohio University - Athens	500-600; 500-600	500-600; 490-600	5	0.5%	-25	-14
Public	Oklahoma State University - Stillwater	490-600; 500-610	500-630; 510-650	-45	-3.9%	-166	-54
Public	Oregon Health & Science University	NA	NA				
Public	Oregon State University	470-580; 480-610	NR				
Public	Pennsylvania State University - Hershey Medical Ctr	NA	NA				
Public	Pennsylvania State University - University Park	530-630; 560-670	540-640; 560-650	0	0.0%	-25	-5
Private	Princeton University	680-770; 690-790	670-780; 670-770	20	1.4%	1	1
Public	Purdue University - West Lafayette	500-610; 530-650	470-590; 500-630	50	4.6%	107	31
Private	Rensselaer Polytechnic Institute	580-680; 640-720	560-670; 620-700	35	2.7%	2	-1
Private	Rice University	660-760; 670-770	660-760; 660-770	5	0.4%	-2	-2
Private	Rockefeller University	NA	NA				
Private	Rush University	NA	NA				
Public	Rutgers the State University of NJ - New Brunswick	540-640; 570-670	540-650; 560-670	0	0.0%	-25	-5
Private	Saint Louis University - St. Louis	540-650; 550-660	23-28	40	3.4%	44	31
Public	San Diego State University	480-580; 490-600	410-530; 420-530	130	13.8%	494	183
Private	Stanford University	660-770; 680-790	670-760; 660-770	20	1.4%	-1	-1
Public	State Univ. of New York Health Science Ctr - Brooklyn	NA	NA				
Public	Stony Brook University	540-630; 570-670	470-580; 510-610	120	11.1%	284	80
Private	Syracuse University	570-640; 580-670	530-640; 540-650	50	4.2%	46	31
Public	Temple University	490-590; 490-590	450-570; 480-550	55	5.4%	208	62
Public	Texas A&M University	520-640; 550-660	520-630; 550-650	10	0.9%	-15	-3
Public	Texas A&M University System Health Sciences Center	NA	NA				
Public	Texas Tech University	500-600; 520-620	470-580; 480-590	60	5.7%	180	59
Private	Thomas Jefferson University	NA	NA				
Private	Tufts University	610-700; 640-720	600-690; 610-690	40	3.1%	0	-1
Private	Tulane University	610-730; 630-690	600-700; 590-660	55	4.3%	17	11
Public	University at Albany	510-610; 520-620	530-620; 550-630	-35	-3.0%	-129	-33
Public	University at Buffalo	500-600; 530-630	510-600; 540-640	-15	-1.3%	-75	-22
Public	University of Alabama - Birmingham	19-24	19-23	20	2.0%	75	1
Public	University of Alabama - Huntsville	520-630; 510-630	510-640; 520-630	-5	-0.4%	-48	-13
Public	University of Alabama - Tuscaloosa	490-610; 500-610	20-26	35	3.3%	81	21

National Merit and Achievement Scholars						Headcount Enrollment			
2004 — National Merit Scholars	1995 — National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2003 Total Student Headcount	Fall 1994 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
NA	NA					723	726	-3	-0.4%
46	45	1	2.2%	-11	0	44,542	40,254	4,288	10.7%
33	31	2	6.5%	-1	3	16,173	14,152	2,021	14.3%
7	0	7		231	87	12,005	10,946	1,059	9.7%
NA	NA					236	164	72	43.9%
NA	NA					649	531	118	22.2%
0	0	0	0.0%	-24	-11	8,770	7,504	1,266	16.9%
1	1	0	0.0%	-8	3	16,174	15,643	531	3.4%
NA	NA					1,381	1,595	-214	-13.4%
155	79	76	96.2%	6	3	38,188	35,425	2,763	7.8%
27	8	19	237.5%	85	35	29,854	28,223	1,631	5.8%
3	6	-3	-50.0%	-39	-11	11,623	9,665	1,958	20.3%
1	3	-2	-66.7%	-60	-40	22,944	25,086	-2,142	-8.5%
162	110	52	47.3%	0	-1	17,625	17,781	-156	-0.9%
105	92	13	14.1%	-8	-2	50,731	49,542	1,189	2.4%
8	11	-3	-27.3%	-13	-2	20,452	19,461	991	5.1%
8	20	-12	-60.0%	-49	-14	23,844	18,807	5,037	26.8%
NA	NA					2,454	1,472	982	66.7%
8	4	4	100.0%	60	25	18,958	14,407	4,551	31.6%
NA	NA					738	579	159	27.5%
21	28	-7	-25.0%	-16	-2	41,795	38,294	3,501	9.1%
219	140	79	56.4%	3	1	6,688	6,473	215	3.3%
70	36	34	94.4%	37	20	40,376	36,172	4,204	11.6%
22	11	11	100.0%	43	22	7,236	6,520	716	11.0%
184	227	-43	-18.9%	-7	-6	4,805	4,139	666	16.1%
NA	NA					176	130	46	35.4%
NA	NA					1,253	1,321	-68	-5.1%
16	21	-5	-23.8%	-14	-4	35,318	33,464	1,854	5.5%
14	10	4	40.0%	28	15	14,386	13,717	669	4.9%
0	0	0	0.0%	-24	-11	32,803	28,372	4,431	15.6%
274	181	93	51.4%	3	1	17,824	16,049	1,775	11.1%
NA	NA					1,569	1,675	-106	-6.3%
1	0	1		106	40	22,344	17,621	4,723	26.8%
3	8	-5	-62.5%	-58	-41	18,639	18,971	-332	-1.8%
1	0	1		106	40	32,877	29,616	3,261	11.0%
130	206	-76	-36.9%	-13	-3	44,813	42,018	2,795	6.7%
NA	NA					1,125	NA		
11	10	1	10.0%	10	6	28,549	24,083	4,466	18.5%
NA	NA					2,332	2,624	-292	-11.1%
66	23	43	187.0%	61	29	9,509	8,324	1,185	14.2%
59	63	-4	-6.3%	-14	-5	12,411	10,857	1,554	14.3%
1	0	1		106	40	16,998	16,622	376	2.3%
0	4	-4	-100.0%	-208	-78	27,255	24,943	2,312	9.3%
6	2	4	200.0%	68	26	16,357	15,362	995	6.5%
0	1	-1	-100.0%	-138	-48	7,051	7,492	-441	-5.9%
38	42	-4	-9.5%	-10	-1	20,290	19,306	984	5.1%

Change: Students		SAT Scores					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — SAT Range (V; Q) or ACT Range	1995 — SAT Range (V; Q) or ACT Range	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Alaska - Fairbanks	450-590; 450-590	460-610; 450-600	-20	-1.9%	-100	-53
Public	University of Arizona	490-610; 500-630	490-600; 480-610	25	2.3%	43	14
Public	University of Arkansas - Fayetteville	530-650; 520-650	18-27	125	11.9%	341	106
Public	University of Arkansas for Medical Sciences	NA	NA				
Public	University of California - Berkeley	570-700; 620-740	570-700; 610-730	10	0.8%	-18	-3
Public	University of California - Davis	510-630; 570-670	500-620; 540-650	35	3.0%	38	9
Public	University of California - Irvine	520-620; 570-680	460-580; 530-640	90	8.1%	183	48
Public	University of California - Los Angeles	550-670; 590-720	540-660; 560-680	45	3.7%	24	9
Public	University of California - Riverside	460-570; 500-620	450-590; 480-620	5	0.5%	-9	-18
Public	University of California - San Diego	550-660; 600-700	520-640; 550-650	75	6.4%	73	23
Public	University of California - San Francisco	NA	NA				
Public	University of California - Santa Barbara	530-640; 550-660	490-600; 520-620	75	6.7%	139	34
Public	University of California - Santa Cruz	510-630; 520-630	510-630; 500-620	15	1.3%	-1	-4
Public	University of Central Florida	520-610; 530-620	510-600; 520-610	20	1.8%	10	-4
Private	University of Chicago		630-750; 640-720	-1370	-100.0%	-1206	-700
Public	University of Cincinnati - Cincinnati	460-600; 460-610	490-600; 490-630	-40	-3.6%	-180	-74
Public	University of Colorado - Boulder	530-630; 550-650	520-620; 530-640	25	2.2%	11	-1
Public	University of Colorado Health Sciences Center	NA	NA				
Public	University of Connecticut - Health Center	NA	NA				
Public	University of Connecticut - Storrs	530-620; 550-640	500-600; 510-620	55	4.9%	92	19
Private	University of Dayton	510-620; 520-640	530-640; 550-650	-40	-3.4%	-125	-95
Public	University of Delaware	540-620; 550-650	530-610; 530-630	30	2.6%	26	3
Public	University of Florida	560-660; 580-680	570-670; 590-680	-15	-1.2%	-32	-5
Public	University of Georgia	550-650; 560-650	560-650; 550-640	5	0.4%	-20	-4
Public	University of Hawaii - Manoa	480-580; 510-620	460-580; 500-610	20	1.9%	40	3
Public	University of Houston - University Park	460-570; 480-600	500-640; 500-600	-65	-5.8%	-260	-106
Public	University of Idaho	490-610; 500-620	490-600; 490-600	20	1.8%	29	8
Public	University of Illinois - Chicago	20-26	450-580; 490-610	5	0.5%	13	-5
Public	University of Illinois - Urbana-Champaign	570-670; 620-720	560-660; 590-690	40	3.2%	15	7
Public	University of Iowa	530-640; 540-660	530-640; 530-640	15	1.3%	-9	0
Public	University of Kansas - Lawrence	21-27	20-26	40	3.7%	103	29
Public	University of Kansas Medical Center	NA	NA				
Public	University of Kentucky	510-620; 510-630	22-27	10	0.9%	-23	-12
Public	University of Louisville	480-600; 490-610	18-27	40	3.8%	120	39
Public	University of Maine - Orono	480-590; 490-600	500-600; 490-610	-20	-1.8%	-104	-46
Public	University of Maryland - Baltimore	NA	NA				
Public	University of Maryland - Baltimore County	540-640; 580-670	530-650; 550-650	25	2.1%	19	8
Public	University of Maryland - College Park	570-660; 600-700	520-630; 540-650	95	8.1%	99	33
Public	University of Massachusetts - Amherst	520-630; 510-610	500-600; 500-600	35	3.2%	58	13
Public	University of Massachusetts Medical Sch - Worcester	NA	NA				
Public	University of Medicine & Dentistry of New Jersey	NA	NA				
Private	University of Miami	550-660; 570-680	510-630; 520-630	85	7.4%	127	92
Public	University of Michigan - Ann Arbor	580-690; 620-720	570-670; 600-690	40	3.2%	11	7
Public	University of Minnesota - Twin Cities	540-660; 560-680	480-580; 520-600	130	11.9%	278	79
Public	University of Mississippi - Oxford	20-26	20-25	20	1.9%	57	11
Public	University of Mississippi Medical Center	NA	NA				

National Merit and Achievement Scholars						Headcount Enrollment			
2004 — National Merit Scholars	1995 — National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2003 Total Student Headcount	Fall 1994 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
4	8	-4	-50.0%	-33	-8	8,736	7,703	1,033	13.4%
76	58	18	31.0%	6	2	37,083	35,306	1,777	5.0%
48	29	19	65.5%	29	20	16,405	14,495	1,910	13.2%
NA	NA					2,170	1,864	306	16.4%
68	59	9	15.3%	0	-2	33,065	29,634	3,431	11.6%
14	26	-12	-46.2%	-35	-12	29,402	22,442	6,960	31.0%
12	13	-1	-7.7%	0	2	24,273	17,073	7,200	42.2%
116	50	66	132.0%	18	9	37,055	35,110	1,945	5.5%
0	8	-8	-100.0%	-253	-97	17,296	8,590	8,706	101.4%
48	36	12	33.3%	13	12	24,105	17,774	6,331	35.6%
NA	NA					2,763	3,729	-966	-25.9%
10	12	-2	-16.7%	-10	-2	20,847	17,834	3,013	16.9%
4	4	0	0.0%	12	11	14,997	10,117	4,880	48.2%
30	4	26	650.0%	137	57	41,535	25,592	15,943	62.3%
204	91	113	124.2%	10	5	13,887	11,616	2,271	19.6%
7	14	-7	-50.0%	-40	-12	26,817	28,758	-1,941	-6.7%
4	6	-2	-33.3%	-14	-2	32,423	27,862	4,561	16.4%
NA	NA					2,981	2,500	481	19.2%
NA	NA					473	498	-25	-5.0%
4	2	2	100.0%	46	21	22,053	22,466	-413	-1.8%
17	15	2	13.3%	12	6	10,284	10,370	-86	-0.8%
18	30	-12	-40.0%	-29	-12	21,121	21,585	-464	-2.1%
299	149	150	100.7%	6	3	47,858	38,277	9,581	25.0%
67	43	24	55.8%	18	10	33,878	29,469	4,409	15.0%
1	2	-1	-50.0%	-44	-17	19,862	20,010	-148	-0.7%
21	51	-30	-58.8%	-61	-27	35,066	31,299	3,767	12.0%
9	0	9		248	93	12,895	11,730	1,165	9.9%
3	0	3		171	69	25,764	25,040	724	2.9%
29	46	-17	-37.0%	-34	-15	40,458	38,545	1,913	5.0%
26	24	2	8.3%	4	8	29,745	27,671	2,074	7.5%
60	57	3	5.3%	-2	-3	26,814	25,336	1,478	5.8%
NA	NA					1,766	2,710	-944	-34.8%
36	77	-41	-53.2%	-43	-21	25,397	23,622	1,775	7.5%
23	11	12	109.1%	45	23	20,605	20,721	-116	-0.6%
2	5	-3	-60.0%	-48	-12	11,222	11,001	221	2.0%
NA	NA					5,477	5,609	-132	-2.4%
5	10	-5	-50.0%	-39	-10	11,872	10,315	1,557	15.1%
41	23	18	78.3%	36	24	35,329	32,493	2,836	8.7%
1	0	1		106	40	24,310	24,825	-515	-2.1%
NA	NA					775	637	138	21.7%
NA	NA					4,942	4,020	922	22.9%
24	23	1	4.3%	1	-5	15,235	13,734	1,501	10.9%
64	50	14	28.0%	5	1	39,031	36,543	2,488	6.8%
53	56	-3	-5.4%	-8	-3	49,474	51,478	-2,004	-3.9%
29	15	14	93.3%	42	22	13,780	10,437	3,343	32.0%
NA	NA					1,773	1,817	-44	-2.4%

Change: Students		SAT Scores					
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		2003 — SAT Range (V; Q) or ACT Range	1995 — SAT Range (V; Q) or ACT Range	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Missouri - Columbia	23-28	23-29	-20	-1.7%	-81	-22
Public	University of Montana - Missoula	526-573; 500-571	480-600; 470-590	15	1.4%	16	-7
Public	University of Nebraska - Lincoln	520-650; 520-660	19-25	145	14.1%	415	129
Public	University of Nebraska Medical Center	NA	NA				
Public	University of Nevada - Las Vegas	450-560; 450-580	420-540; 430-570	40	4.1%	159	41
Public	University of Nevada - Reno	470-590; 480-600	450-580; 560-650	-50	-4.5%	-198	-78
Public	University of New Hampshire - Durham	500-610; 510-620	510-600; 510-610	5	0.4%	-30	-14
Public	University of New Mexico - Albuquerque	480-600; 460-590	470-600; 490-590	-10	-0.9%	-66	-39
Public	University of North Carolina - Chapel Hill	590-690; 600-700	560-670; 560-660	65	5.3%	36	10
Public	University of North Dakota	20-26	460-600; 480-620	-10	-0.9%	-55	-34
Private	University of Notre Dame	620-720; 650-740	600-690; 630-720	45	3.4%	6	6
Public	University of Oklahoma - Norman	24-28	21-27	70	6.3%	125	31
Public	University of Oklahoma Health Sciences Center	NA	NA				
Public	University of Oregon	490-609; 499-613	500-610; 490-620	-4	-0.4%	-65	-21
Private	University of Pennsylvania	650-750; 680-760	620-710; 650-730	65	4.8%	9	9
Public	University of Pittsburgh - Pittsburgh	550-650; 570-660	500-600; 500-600	115	10.5%	237	64
Public	University of Puerto Rico - Medical Sciences	NA	NA				
Public	University of Rhode Island	500-590; 510-610	490-590; 490-590	25	2.3%	50	10
Private	University of Rochester	600-700; 630-710	560-670; 580-680	75	6.0%	41	28
Public	University of South Carolina - Columbia	510-620; 520-630	480-600; 480-590	65	6.0%	172	46
Public	University of South Florida	490-590; 490-600	500-610; 500-610	-40	-3.6%	-175	-67
Private	University of Southern California	610-700; 640-720	520-650; 550-660	145	12.2%	119	87
Public	University of Southern Mississippi	470-620; 460-610	19-23	90	9.1%	341	114
Public	University of Tennessee - Knoxville	500-610; 500-620	490-610; 490-610	15	1.4%	7	0
Public	University of Texas - Austin	540-660; 570-690	540-650; 560-660	25	2.1%	5	4
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	22-26	500-650; 500-650	-40	-3.5%	-144	-43
Public	University of Vermont	530-620; 530-630	510-600; 510-610	40	3.6%	56	12
Public	University of Virginia	600-710; 630-720	600-690; 610-700	30	2.3%	-4	0
Public	University of Washington - Seattle	520-640; 550-670	500-620; 520-650	45	3.9%	67	17
Public	University of Wisconsin - Madison	26-30	550-660; 570-660	40	3.3%	19	7
Public	University of Wyoming	470-590; 490-600	20-26	5	0.5%	-9	-18
Public	US Naval Postgraduate School	NA	NA				
Public	Utah State University	490-610; 490-630	17-26	100	9.9%	345	116
Private	Vanderbilt University	610-710; 640-720	600-680; 620-690	45	3.5%	5	3
Public	Virginia Commonwealth University	480-590; 470-580	450-570; 430-550	60	6.0%	241	74
Public	Virginia Polytechnic Institute and State University	540-630; 570-630	520-620; 530-640	30	2.6%	28	6
Private	Wake Forest University	610-690; 630-700	580-670; 630-690	30	2.3%	-5	-6
Public	Washington State University - Pullman	470-580; 480-590	450-570; 460-580	30	2.9%	85	17
Private	Washington University in St. Louis	650-730; 670-750	580-680; 600-700	120	9.4%	47	39
Public	Wayne State University	16-24	16-24	0	0.0%	-14	-52
Public	West Virginia University	480-570; 480-580	NR				
Private	Woods Hole Oceanographic Institution	NA	NA				
Private	Yale University	690-790; 690-790	680-780; 670-770	30	2.1%	0	0
Private	Yeshiva University	NR	590-690; 570-670				

National Merit and Achievement Scholars						Headcount Enrollment			
2004 — National Merit Scholars	1995 — National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2003 Total Student Headcount	Fall 1994 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
32	61	-29	-47.5%	-48	-24	26,805	22,175	4,630	20.9%
7	5	2	40.0%	34	15	13,313	11,067	2,246	20.3%
65	25	40	160.0%	53	28	22,559	23,854	-1,295	-5.4%
NA	NA					2,865	2,778	87	3.1%
2	0	2		149	60	26,161	18,954	7,207	38.0%
0	0	0	0.0%	-24	-11	15,534	12,379	3,155	25.5%
0	5	-5	-100.0%	-221	-83	15,586	15,394	192	1.2%
1	2	-1	-50.0%	-44	-17	25,686	24,572	1,114	4.5%
153	47	106	225.5%	26	14	26,359	24,565	1,794	7.3%
3	6	-3	-50.0%	-39	-11	13,034	11,499	1,535	13.3%
56	28	28	100.0%	42	19	11,415	10,309	1,106	10.7%
171	207	-36	-17.4%	-7	-1	27,146	22,043	5,103	23.2%
NA	NA					3,126	2,971	155	5.2%
14	7	7	100.0%	57	21	19,992	16,962	3,030	17.9%
109	36	73	202.8%	41	19	23,243	22,720	523	2.3%
23	10	13	130.0%	53	26	26,795	26,328	467	1.8%
NA	NA					2,360	2,241	119	5.3%
2	0	2		149	60	14,791	14,151	640	4.5%
27	16	11	68.8%	33	14	8,466	9,632	-1,166	-12.1%
46	32	14	43.8%	14	13	25,288	26,754	-1,466	-5.5%
18	25	-7	-28.0%	-19	-6	40,945	36,043	4,902	13.6%
198	109	89	81.7%	5	2	31,606	28,185	3,421	12.1%
8	7	1	14.3%	24	9	15,050	13,047	2,003	15.4%
25	36	-11	-30.6%	-27	-9	27,281	25,914	1,367	5.3%
247	234	13	5.6%	-3	-1	51,426	47,957	3,469	7.2%
NA	NA					3,417	3,183	234	7.4%
NA	NA					2,754	2,790	-36	-1.3%
NA	NA					75	NR		
NA	NA					1,981	2,327	-346	-14.9%
NA	NA					1,684	1,700	-16	-0.9%
16	41	-25	-61.0%	-57	-24	28,436	26,906	1,530	5.7%
1	1	0	0.0%	-8	3	10,967	10,230	737	7.2%
39	45	-6	-13.3%	-15	-4	23,077	21,421	1,656	7.7%
36	39	-3	-7.7%	-5	0	39,135	33,719	5,416	16.1%
36	29	7	24.1%	14	10	40,879	39,361	1,518	3.9%
2	6	-4	-66.7%	-61	-20	13,130	12,022	1,108	9.2%
NA	NA					2,033	1,803	230	12.8%
5	16	-11	-68.8%	-71	-21	16,460	20,371	-3,911	-19.2%
151	83	68	81.9%	3	1	11,092	10,020	1,072	10.7%
2	0	2		149	60	26,631	21,523	5,108	23.7%
19	42	-23	-54.8%	-53	-23	27,755	25,842	1,913	7.4%
14	23	-9	-39.1%	-26	-19	6,444	5,728	716	12.5%
3	4	-1	-25.0%	-13	2	22,712	19,314	3,398	17.6%
224	59	165	279.7%	23	15	13,020	11,655	1,365	11.7%
1	0	1		106	40	32,208	32,906	-698	-2.1%
20	18	2	11.1%	9	7	24,260	22,500	1,760	7.8%
NA	NA					NR	NR		
285	188	97	51.6%	3	1	11,471	10,916	555	5.1%
1	2	-1	-50.0%	-44	-27	6,019	5,281	738	14.0%

Institutional Characteristics				
Institutions with Over \$20 Million In Federal Research, Alphabetically		State	Highest Degree Offered	Medical School
Public	Alabama A&M University	AL	Doctoral	
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	College of William and Mary	VA	Doctoral and First-Professional	
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	Cornell University Weill Medical College	NY	Doctoral and First-Professional	
Private	Dartmouth College	NH	Doctoral and First-Professional	Yes
Public	Desert Research Institute	NV	Non-Degree Granting	
Private	Drexel University	PA	Doctoral	Yes
Private	Duke University	NC	Doctoral and First-Professional	Yes
Private	Emory University	GA	Doctoral and First-Professional	Yes
Public	Florida International University	FL	Doctoral	
Public	Florida State University	FL	Doctoral and First-Professional	Yes
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	
Public	Georgia State University	GA	Doctoral and First-Professional	
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	
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

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2003
Yes-1890	Moderate Life Sciences	6,588
	Moderate Engineering	48,901
Yes	Moderate Life Sciences and Engineering	23,152
	All Life Sciences	1,287
	Moderate Physical Sciences and Math	13,728
	Strong Life Sciences	29,049
	Strong Life Sciences	4,985
	Strong Life Sciences	7,882
	Strong Physical Sciences	2,172
	Moderate Engineering and Computer Sciences	9,756
	Heavy Life Sciences	9,186
	All Life Sciences	509
Yes	Strong Engineering	17,016
	Strong Environmental Sciences	7,749
Yes	Moderate Life and Environmental Sciences	28,186
	Strong Life Sciences	21,322
Yes	Moderate Life and Physical Sciences	19,620
	All Life Sciences	731
	Strong Life Sciences	5,682
	Strong Environmental Sciences	NR
	Moderate Life Sciences and Engineering	17,000
	Heavy Life Sciences	12,223
	All Life Sciences	11,654
	Moderate Engineering	33,228
	Moderate Physical Sciences	36,884
	Mixed	28,246
	Moderate Life Sciences	23,417
	Heavy Life Sciences	13,164
	Strong Engineering	16,643
	Moderate Life Sciences and Psychology	28,042
	Heavy Life Sciences	24,851
	Strong Life Sciences	10,658
	Strong Life Sciences	38,589
	Strong Life Sciences	29,860
Yes	Moderate Life Sciences and Engineering	27,380
	Mixed	7,815
	Moderate Life Sciences and Engineering	18,820
Yes	Strong Life Sciences	23,050
	All Life Sciences	3,501
Yes-System	Moderate Life Sciences and Engineering	31,934
No-System	All Life Sciences	2,842
	All Life Sciences	13,362
	Moderate Physical Sciences and Engineering	10,340
	All Life Sciences	2,078
	All Life Sciences	1,259
	All Life Sciences	2,303

Institutional Characteristics				
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Medical School
Private	Meharry Medical College	TN	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	Morehouse School of Medicine	GA	Doctoral and First-Professional	Yes
Private	Mount Sinai School of Medicine	NY	Doctoral and First-Professional	Yes
Public	New Jersey Institute of Technology	NJ	Doctoral	
Public	New Mexico State University - Las Cruces	NM	Doctoral	
Private	New York Medical College	NY	Doctoral and First-Professional	Yes
Private	New York University	NY	Doctoral and First-Professional	
Public	North Carolina State University	NC	Doctoral and First-Professional	
Public	North Dakota State University	ND	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	Ohio University - Athens	OH	Doctoral and First-Professional	
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
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	
Public	Texas A&M University System Health Sciences Center	TX	Doctoral and First-Professional	Yes
Public	Texas Tech University	TX	Doctoral and First-Professional	
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	

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2003
	All Life Sciences	723
Yes	Strong Life Sciences	44,542
Yes	Strong Engineering	16,173
Yes	Moderate Life Sciences	12,005
	All Life Sciences	236
	All Life Sciences	649
	Strong Engineering	8,770
Yes	Strong Engineering	16,174
	All Life Sciences	1,381
	Heavy Life Sciences	38,188
Yes	Moderate Life Sciences and Engineering	29,854
Yes	Moderate Physical Sciences	11,623
	Moderate Physical Sciences and Engineering	22,944
	Strong Life Sciences	17,625
Yes	Strong Life Sciences	50,731
	Strong Engineering	20,452
Yes	Moderate Life Sciences and Engineering	23,844
	Heavy Life Sciences	2,454
Yes	Moderate Life and Environmental Sciences	18,958
	All Life Sciences	738
Yes	Moderate Engineering	41,795
	Moderate Engineering	6,688
Yes	Moderate Life Sciences and Engineering	40,376
	Strong Engineering	7,236
	Moderate Physical Sciences	4,805
	Heavy Life Sciences	176
	All Life Sciences	1,253
Yes	Moderate Life Sciences	35,318
	All Life Sciences	14,386
	Moderate Life Sciences	32,803
	Strong Life Sciences	17,824
	All Life Sciences	1,569
	Strong Life Sciences	22,344
	Moderate Other Sciences	18,639
	Strong Life Sciences	32,877
Yes	Moderate Life and Environmental Sciences	44,813
	Heavy Life Sciences	1,125
	Moderate Environmental Sciences and Engineering	28,549
	All Life Sciences	2,332
	Heavy Life Sciences	9,509
	Heavy Life Sciences	12,411
	Heavy Life Sciences	16,998
	Strong Life Sciences	27,255
	Heavy Life Sciences	16,357
	Moderate Engineering	7,051
	Strong Engineering	20,290

Institutional Characteristics				
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Medical School
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
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 Mississippi Medical Center	MS	Doctoral and First-Professional	Yes

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2003
Yes-System	Moderate Environmental Sciences	8,736
Yes	Strong Life Sciences	37,083
Yes	Moderate Life Sciences	16,405
	All Life Sciences	2,170
Yes-System	Moderate Life Sciences and Engineering	33,065
Yes-System	Strong Life Sciences	29,402
No-System	Strong Life Sciences	24,273
No-System	Strong Life Sciences	37,055
Yes-System	Moderate Life Sciences	17,296
No-System	Strong Life Sciences	24,105
No-System	Heavy Life Sciences	2,763
No-System	Moderate Engineering	20,847
No-System	Moderate Physical Sciences	14,997
	Moderate Physical Sciences	41,535
	Strong Life Sciences	13,887
	Heavy Life Sciences	26,817
	Moderate Physical and Environmental Sciences	32,423
	All Life Sciences	2,981
	All Life Sciences	473
Yes	Moderate Life Sciences	22,053
	All Engineering	10,284
Yes	Moderate Engineering	21,121
Yes	Strong Life Sciences	47,858
Yes	Heavy Life Sciences	33,878
Yes	Moderate Life Sciences	19,862
	Moderate Life Sciences	35,066
Yes	Strong Life Sciences	12,895
	Strong Life Sciences	25,764
Yes	Moderate Computer Sciences	40,458
	Heavy Life Sciences	29,745
	Strong Life Sciences	26,814
	All Life Sciences	1,766
Yes	Strong Life Sciences	25,397
	Heavy Life Sciences	20,605
Yes	Moderate Life and Environmental Sciences	11,222
	All Life Sciences	5,477
	Moderate Environmental Sciences	11,872
Yes	Moderate Engineering	35,329
Yes	Moderate Life and Physical Sciences	24,310
	All Life Sciences	775
	All Life Sciences	4,942
	Strong Life Sciences	15,235
	Strong Life Sciences	39,031
Yes	Strong Life Sciences	49,474
	Moderate Life and Physical sciences	13,780
	All Life Sciences	1,773

Institutional Characteristics				
Institutions with Over \$20 Million In Federal Research, Alphabetically (continued)		State	Highest Degree Offered	Medical School
Public	University of Missouri - Columbia	MO	Doctoral and First-Professional	Yes
Public	University of Montana - Missoula	MT	Doctoral and First-Professional	
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 - Las Vegas	NV	Doctoral and First-Professional	
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
Public	University of North Dakota	ND	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 Puerto Rico - Medical Sciences	PR	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 Southern Mississippi	MS	Doctoral	
Public	University of Tennessee - Knoxville	TN	Doctoral and First-Professional	
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	
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 in St. Louis	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 2003
Yes-System	Strong Life Sciences	26,805
	Heavy Life Sciences	13,313
Yes-System	Moderate Life Sciences	22,559
No-System	All Life Sciences	2,865
	Moderate Environmental Sciences	26,161
Yes	Moderate Life Sciences	15,534
Yes	Strong Environmental Sciences	15,586
	Strong Life Sciences	25,686
	Heavy Life Sciences	26,359
	Moderate Life Sciences and Engineering	13,034
	Moderate Physical Sciences	11,415
	Moderate Environmental Sciences	27,146
	All Life Sciences	3,126
	Moderate Life Sciences	19,992
	Heavy Life Sciences	23,243
	Heavy Life Sciences	26,795
	All Life Sciences	2,360
Yes	Strong Environmental Sciences	14,791
	Strong Life Sciences	8,466
	Moderate Life Sciences and Engineering	25,288
	Strong Life Sciences	40,945
	Strong Life Sciences	31,606
	Moderate Environmental Sciences	15,050
Yes	Strong Life Sciences	27,281
	Moderate Engineering	51,426
	All Life Sciences	3,417
	All Life Sciences	2,754
	Heavy Life Sciences	75
	All Life Sciences	1,981
	All Life Sciences	1,684
	Strong Life Sciences	28,436
Yes	Heavy Life Sciences	10,967
	Strong Life Sciences	23,077
	Strong Life Sciences	39,135
Yes	Strong Life Sciences	40,879
Yes	Strong Life Sciences	13,130
	Mixed	2,033
Yes	Strong Engineering	16,460
	Heavy Life Sciences	11,092
	Heavy Life Sciences	26,631
Yes	Moderate Life Sciences and Engineering	27,755
	All Life Sciences	6,444
Yes	Moderate Life Sciences	22,712
	Heavy Life Sciences	13,020
	Heavy Life Sciences	32,208
Yes	Moderate Life Sciences and Engineering	24,260
	Heavy Environmental Sciences	NR
	Heavy Life Sciences	11,471
	All Life Sciences	6,019

Student Characteristics		Fall 2003 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	Alabama A&M University	6,588	5,326	80.8%	1,262	19.2%	0	0.0%
Public	Arizona State University - Tempe	48,901	38,627	79.0%	9,757	20.0%	517	1.1%
Public	Auburn University	23,152	19,251	83.2%	3,104	13.4%	797	3.4%
Private	Baylor College of Medicine	1,287	0	0.0%	605	47.0%	682	53.0%
Private	Boston College	13,728	8,967	65.3%	3,949	28.8%	812	5.9%
Private	Boston University	29,049	17,682	60.9%	9,379	32.3%	1,988	6.8%
Private	Brandeis University	4,985	3,175	63.7%	1,810	36.3%	0	0.0%
Private	Brown University	7,882	5,906	74.9%	1,635	20.7%	341	4.3%
Private	California Institute of Technology	2,172	891	41.0%	1,281	59.0%	0	0.0%
Private	Carnegie Mellon University	9,756	5,484	56.2%	4,272	43.8%	0	0.0%
Private	Case Western Reserve University	9,186	3,587	39.1%	4,049	44.1%	1,550	16.9%
Private	Charles R. Drew University of Medicine and Science	509	508	99.8%	1	0.2%	0	0.0%
Public	Clemson University	17,016	13,813	81.2%	3,203	18.8%	0	0.0%
Public	College of William and Mary	7,749	5,748	74.2%	1,410	18.2%	591	7.6%
Public	Colorado State University	28,186	21,815	77.4%	5,806	20.6%	565	2.0%
Private	Columbia University	21,322	7,134	33.5%	12,050	56.5%	2,138	10.0%
Private	Cornell University	19,620	13,655	69.6%	5,049	25.7%	916	4.7%
Private	Cornell University Weill Medical College	731	0	0.0%	319	43.6%	412	56.4%
Private	Dartmouth College	5,682	4,097	72.1%	1,291	22.7%	294	5.2%
Public	Desert Research Institute	NR	NR					
Private	Drexel University	17,000	11,613	68.3%	4,368	25.7%	1,019	6.0%
Private	Duke University	12,223	6,248	51.1%	4,241	34.7%	1,734	14.2%
Private	Emory University	11,654	6,318	54.2%	3,706	31.8%	1,630	14.0%
Public	Florida International University	33,228	27,269	82.1%	5,764	17.3%	195	0.6%
Public	Florida State University	36,884	29,630	80.3%	6,404	17.4%	850	2.3%
Public	George Mason University	28,246	17,073	60.4%	10,427	36.9%	746	2.6%
Private	George Washington University	23,417	10,436	44.6%	10,766	46.0%	2,215	9.5%
Private	Georgetown University	13,164	6,550	49.8%	3,881	29.5%	2,733	20.8%
Public	Georgia Institute of Technology	16,643	11,257	67.6%	5,386	32.4%	0	0.0%
Public	Georgia State University	28,042	20,177	72.0%	7,190	25.6%	675	2.4%
Private	Harvard University	24,851	9,714	39.1%	12,444	50.1%	2,693	10.8%
Private	Howard University	10,658	7,059	66.2%	1,785	16.7%	1,814	17.0%
Public	Indiana University - Bloomington	38,589	30,319	78.6%	7,337	19.0%	933	2.4%
Public	Indiana University-Purdue University - Indianapolis	29,860	21,388	71.6%	6,038	20.2%	2,434	8.2%
Public	Iowa State University	27,380	22,230	81.2%	4,741	17.3%	409	1.5%
Public	Jackson State University	7,815	6,292	80.5%	1,523	19.5%	0	0.0%
Private	Johns Hopkins University	18,820	5,723	30.4%	12,622	67.1%	475	2.5%
Public	Kansas State University	23,050	19,083	82.8%	3,534	15.3%	433	1.9%
Private	Loma Linda University	3,501	978	27.9%	1,394	39.8%	1,129	32.2%
Public	Louisiana State University - Baton Rouge	31,934	26,156	81.9%	4,727	14.8%	1,051	3.3%
Public	Louisiana State University Health Sciences Center	2,842	706	24.8%	800	28.1%	1,336	47.0%
Private	Loyola University Chicago	13,362	7,916	59.2%	4,005	30.0%	1,441	10.8%
Private	Massachusetts Institute of Technology	10,340	4,112	39.8%	6,228	60.2%	0	0.0%
Public	Medical College of Georgia	2,078	792	38.1%	341	16.4%	945	45.5%
Private	Medical College of Wisconsin	1,259	0	0.0%	464	36.9%	795	63.1%
Public	Medical University of South Carolina	2,303	321	13.9%	897	38.9%	1,085	47.1%

Fall 2003 Part-Time Enrollment				2003-2004 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
17.2%	5.8%	11.4%	0.0%	0	589	262	5	0
24.4%	15.7%	8.6%	0.0%	0	7,275	2,441	355	169
13.3%	7.2%	5.8%	0.3%	0	3,969	788	161	148
0.0%	0.0%	0.0%	0.0%	0	0	43	78	171
17.3%	0.0%	17.2%	0.0%	0	2,874	1,178	122	275
17.3%	4.9%	12.3%	0.1%	1	3,991	3,046	267	635
10.2%	0.8%	9.4%	0.0%	0	1,085	459	82	0
4.9%	3.1%	1.6%	0.2%	0	1,832	328	147	87
0.0%	0.0%	0.0%	0.0%	0	208	156	166	0
15.2%	2.6%	12.6%	0.0%	0	1,541	1,417	195	0
23.0%	3.0%	19.8%	0.2%	0	906	1,252	203	435
20.6%	20.4%	0.2%	0.0%	20	21	1	0	0
13.1%	5.6%	7.5%	0.0%	0	3,045	772	113	0
7.2%	1.1%	6.1%	0.0%	0	1,701	449	56	197
22.5%	9.4%	13.1%	0.0%	0	3,964	1,011	160	126
14.2%	4.2%	10.0%	0.0%	0	2,093	4,556	495	621
0.2%	0.1%	0.1%	0.0%	0	3,589	1,659	412	266
0.0%	0.0%	0.0%	0.0%	0	0	15	24	110
2.5%	1.0%	1.5%	0.0%	0	1,227	417	55	49
				NR	NR	NR	NR	NR
29.1%	13.2%	15.9%	0.0%	13	2,036	1,129	111	221
2.8%	0.6%	2.1%	0.1%	0	2,249	1,282	259	510
7.7%	1.1%	5.9%	0.8%	240	1,721	993	164	443
43.0%	32.9%	10.1%	0.0%	0	5,292	1,883	78	0
16.7%	10.0%	6.8%	0.0%	140	7,229	1,536	271	208
47.3%	15.2%	30.9%	1.2%	0	3,329	1,952	149	223
36.1%	4.9%	29.7%	1.4%	135	2,278	3,201	255	623
10.4%	1.7%	7.8%	0.9%	0	2,074	1,557	71	863
10.1%	5.3%	4.8%	0.0%	0	2,594	1,393	311	0
37.0%	23.8%	12.5%	0.7%	0	3,061	2,073	113	208
23.6%	10.8%	12.7%	0.1%	13	1,882	3,249	572	805
9.7%	3.9%	5.5%	0.4%	0	1,342	378	99	415
12.3%	4.6%	7.4%	0.3%	78	6,661	1,680	391	272
43.6%	26.8%	15.7%	1.0%	647	2,550	1,325	35	605
13.1%	5.7%	7.5%	0.0%	0	4,865	842	239	0
22.7%	10.9%	11.7%	0.0%	0	780	275	39	0
46.5%	5.1%	41.4%	0.0%	0	1,435	3,563	362	115
21.6%	12.1%	9.5%	0.0%	130	3,576	713	146	107
26.2%	8.0%	18.2%	0.0%	134	236	322	65	241
12.8%	7.7%	5.1%	0.1%	0	4,348	1,072	240	299
8.0%	1.8%	6.2%	0.1%	5	340	186	39	328
23.2%	9.9%	13.1%	0.2%	0	1,303	1,160	142	389
3.3%	0.4%	2.9%	0.0%	0	1,194	1,640	467	0
9.1%	5.6%	3.2%	0.3%	0	343	72	7	221
21.9%	0.0%	21.9%	0.0%	0	0	73	29	188
11.8%	3.9%	7.8%	0.1%	0	166	229	30	239

Student Characteristics		Fall 2003 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	%
Private	Meharry Medical College	723	0	0.0%	145	20.1%	578	79.9%
Public	Michigan State University	44,542	34,853	78.2%	8,309	18.7%	1,380	3.1%
Public	Mississippi State University	16,173	12,839	79.4%	3,114	19.3%	220	1.4%
Public	Montana State University - Bozeman	12,005	10,659	88.8%	1,346	11.2%	0	0.0%
Private	Morehouse School of Medicine	236	0	0.0%	54	22.9%	182	77.1%
Private	Mount Sinai School of Medicine	649	0	0.0%	189	29.1%	460	70.9%
Public	New Jersey Institute of Technology	8,770	5,712	65.1%	3,058	34.9%	0	0.0%
Public	New Mexico State University - Las Cruces	16,174	12,797	79.1%	3,377	20.9%	0	0.0%
Private	New York Medical College	1,381	0	0.0%	614	44.5%	767	55.5%
Private	New York University	38,188	19,506	51.1%	15,348	40.2%	3,334	8.7%
Public	North Carolina State University	29,854	22,971	76.9%	6,576	22.0%	307	1.0%
Public	North Dakota State University	11,623	10,157	87.4%	1,466	12.6%	0	0.0%
Private	Northeastern University	22,944	18,676	81.4%	3,675	16.0%	593	2.6%
Private	Northwestern University	17,625	9,360	53.1%	6,876	39.0%	1,389	7.9%
Public	Ohio State University - Columbus	50,731	37,605	74.1%	9,931	19.6%	3,195	6.3%
Public	Ohio University - Athens	20,452	17,200	84.1%	2,827	13.8%	425	2.1%
Public	Oklahoma State University - Stillwater	23,844	18,907	79.3%	4,641	19.5%	296	1.2%
Public	Oregon Health & Science University	2,454	508	20.7%	1,240	50.5%	706	28.8%
Public	Oregon State University	18,958	15,601	82.3%	2,965	15.6%	392	2.1%
Public	Pennsylvania State University - Hershey Medical Ctr	738	0	0.0%	227	30.8%	511	69.2%
Public	Pennsylvania State University - University Park	41,795	35,002	83.7%	6,793	16.3%	0	0.0%
Private	Princeton University	6,688	4,676	69.9%	2,012	30.1%	0	0.0%
Public	Purdue University - West Lafayette	40,376	32,377	80.2%	7,099	17.6%	900	2.2%
Private	Rensselaer Polytechnic Institute	7,236	5,190	71.7%	2,046	28.3%	0	0.0%
Private	Rice University	4,805	2,857	59.5%	1,948	40.5%	0	0.0%
Private	Rockefeller University	176	0	0.0%	176	100.0%	0	0.0%
Private	Rush University	1,253	186	14.8%	580	46.3%	487	38.9%
Public	Rutgers the State University of NJ - New Brunswick	35,318	27,365	77.5%	7,577	21.5%	376	1.1%
Private	Saint Louis University - St. Louis	14,386	10,270	71.4%	2,645	18.4%	1,471	10.2%
Public	San Diego State University	32,803	26,861	81.9%	5,942	18.1%	0	0.0%
Private	Stanford University	17,824	7,054	39.6%	9,749	54.7%	1,021	5.7%
Public	State Univ. of New York Health Science Ctr - Brooklyn	1,569	352	22.4%	442	28.2%	775	49.4%
Public	Stony Brook University	22,344	14,072	63.0%	7,692	34.4%	580	2.6%
Private	Syracuse University	18,639	12,447	66.8%	5,354	28.7%	838	4.5%
Public	Temple University	32,877	22,215	67.6%	7,513	22.9%	3,149	9.6%
Public	Texas A&M University	44,813	36,066	80.5%	8,243	18.4%	504	1.1%
Public	Texas A&M University System Health Sciences Center	1,125	56	5.0%	436	38.8%	633	56.3%
Public	Texas Tech University	28,549	23,595	82.6%	4,282	15.0%	672	2.4%
Private	Thomas Jefferson University	2,332	798	34.2%	601	25.8%	933	40.0%
Private	Tufts University	9,509	4,892	51.4%	2,963	31.2%	1,654	17.4%
Private	Tulane University	12,411	7,830	63.1%	2,925	23.6%	1,656	13.3%
Public	University at Albany	16,998	11,796	69.4%	5,202	30.6%	0	0.0%
Public	University at Buffalo	27,255	17,818	65.4%	7,460	27.4%	1,977	7.3%
Public	University of Alabama - Birmingham	16,357	11,046	67.5%	4,325	26.4%	986	6.0%
Public	University of Alabama - Huntsville	7,051	5,481	77.7%	1,570	22.3%	0	0.0%
Public	University of Alabama - Tuscaloosa	20,290	15,888	78.3%	3,763	18.5%	639	3.1%

Fall 2003 Part-Time Enrollment				2003-2004 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
0.0%	0.0%	0.0%	0.0%	0	0	27	16	113
14.8%	8.4%	6.3%	0.0%	0	7,783	2,091	430	344
20.2%	10.1%	10.1%	0.0%	0	2,715	841	85	51
18.6%	11.5%	7.1%	0.0%	0	1,821	375	42	0
6.4%	0.0%	6.4%	0.0%	0	0	16	3	39
0.0%	0.0%	0.0%	0.0%	0	0	11	27	108
37.3%	16.8%	20.5%	0.0%	0	997	891	69	0
24.8%	14.0%	10.8%	0.0%	57	2,097	751	78	0
31.4%	0.0%	31.4%	0.0%	0	0	124	7	188
25.0%	4.7%	20.3%	0.0%	698	5,369	5,703	407	932
24.3%	13.6%	10.7%	0.0%	172	5,733	1,403	338	76
18.6%	10.1%	8.5%	0.0%	0	1,634	242	32	65
24.5%	18.2%	6.3%	0.0%	122	3,194	1,084	69	280
18.8%	8.5%	10.3%	0.1%	0	2,496	4,599	367	394
14.4%	8.2%	6.0%	0.1%	342	8,909	2,611	561	782
8.8%	5.6%	3.2%	0.0%	48	4,427	1,050	111	102
22.1%	10.6%	11.5%	0.0%	0	3,388	995	204	73
29.5%	5.3%	23.8%	0.5%	0	234	291	49	147
13.2%	8.7%	4.4%	0.1%	0	3,093	767	173	103
3.7%	0.0%	3.7%	0.0%	0	0	9	30	113
7.3%	3.7%	3.6%	0.0%	88	9,134	1,252	539	0
0.0%	0.0%	0.0%	0.0%	0	1,114	401	276	0
12.5%	7.1%	5.4%	0.0%	783	6,485	1,583	446	216
11.8%	0.4%	11.4%	0.0%	0	1,319	648	156	0
1.5%	0.5%	1.1%	0.0%	0	973	580	126	0
0.0%	0.0%	0.0%	0.0%	0	0	5	13	0
26.9%	1.0%	25.9%	0.0%	0	82	130	35	108
18.6%	7.3%	11.3%	0.1%	0	5,734	1,565	382	171
40.7%	29.7%	9.3%	1.7%	1	1,806	593	155	353
25.7%	16.7%	8.9%	0.0%	0	6,140	1,686	50	0
29.5%	3.4%	25.4%	0.7%	0	1,848	2,022	625	266
27.9%	10.5%	17.3%	0.0%	0	117	94	16	188
23.4%	6.1%	17.3%	0.0%	0	2,850	1,820	285	156
16.6%	5.3%	11.2%	0.0%	6	3,034	1,728	151	238
27.1%	10.0%	16.2%	0.8%	9	4,069	1,679	334	807
11.9%	7.2%	4.6%	0.0%	0	8,083	1,825	515	118
11.3%	0.0%	11.3%	0.0%	0	27	78	9	148
14.3%	9.0%	5.3%	0.0%	0	4,090	1,065	174	205
29.0%	14.6%	14.4%	0.0%	8	284	149	16	233
10.4%	1.0%	9.4%	0.0%	0	1,714	905	99	406
19.5%	14.8%	4.7%	0.0%	60	1,892	1,270	127	495
23.1%	6.5%	16.6%	0.0%	0	2,648	1,547	168	0
18.6%	5.9%	12.7%	0.0%	3	3,505	1,901	299	557
33.3%	20.3%	13.0%	0.0%	0	1,686	1,121	111	257
36.1%	22.8%	13.3%	0.0%	0	845	379	31	0
15.9%	8.0%	7.8%	0.2%	0	3,142	1,072	158	172

Student Characteristics		Fall 2003 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 Alaska - Fairbanks	8,736	7,720	88.4%	1,016	11.6%	0	0.0%
Public	University of Arizona	37,083	28,482	76.8%	7,450	20.1%	1,151	3.1%
Public	University of Arkansas - Fayetteville	16,405	13,083	79.8%	2,865	17.5%	457	2.8%
Public	University of Arkansas for Medical Sciences	2,170	750	34.6%	524	24.1%	896	41.3%
Public	University of California - Berkeley	33,065	23,206	70.2%	8,705	26.3%	1,154	3.5%
Public	University of California - Davis	29,402	23,472	79.8%	4,541	15.4%	1,389	4.7%
Public	University of California - Irvine	24,273	19,967	82.3%	3,916	16.1%	390	1.6%
Public	University of California - Los Angeles	37,055	25,715	69.4%	9,452	25.5%	1,888	5.1%
Public	University of California - Riverside	17,296	15,282	88.4%	1,965	11.4%	49	0.3%
Public	University of California - San Diego	24,105	19,872	82.4%	3,694	15.3%	539	2.2%
Public	University of California - San Francisco	2,763	26	0.9%	1,251	45.3%	1,486	53.8%
Public	University of California - Santa Barbara	20,847	17,844	85.6%	3,003	14.4%	0	0.0%
Public	University of California - Santa Cruz	14,997	13,660	91.1%	1,337	8.9%	0	0.0%
Public	University of Central Florida	41,535	34,456	83.0%	7,079	17.0%	0	0.0%
Private	University of Chicago	13,887	4,355	31.4%	8,480	61.1%	1,052	7.6%
Public	University of Cincinnati - Cincinnati	26,817	19,159	71.4%	6,685	24.9%	973	3.6%
Public	University of Colorado - Boulder	32,423	26,375	81.3%	5,555	17.1%	493	1.5%
Public	University of Colorado Health Sciences Center	2,981	451	15.1%	1,244	41.7%	1,286	43.1%
Public	University of Connecticut - Health Center	473	0	0.0%	0	0.0%	473	100.0%
Public	University of Connecticut - Storrs	22,053	15,184	68.9%	6,002	27.2%	867	3.9%
Private	University of Dayton	10,284	7,103	69.1%	2,703	26.3%	478	4.6%
Public	University of Delaware	21,121	17,820	84.4%	3,301	15.6%	0	0.0%
Public	University of Florida	47,858	33,982	71.0%	10,348	21.6%	3,528	7.4%
Public	University of Georgia	33,878	25,415	75.0%	6,922	20.4%	1,541	4.5%
Public	University of Hawaii - Manoa	19,862	13,753	69.2%	5,496	27.7%	613	3.1%
Public	University of Houston - University Park	35,066	27,048	77.1%	6,077	17.3%	1,941	5.5%
Public	University of Idaho	12,895	9,484	73.5%	3,083	23.9%	328	2.5%
Public	University of Illinois - Chicago	25,764	16,012	62.1%	7,430	28.8%	2,322	9.0%
Public	University of Illinois - Urbana-Champaign	40,458	29,226	72.2%	10,167	25.1%	1,065	2.6%
Public	University of Iowa	29,745	20,233	68.0%	6,476	21.8%	3,036	10.2%
Public	University of Kansas - Lawrence	26,814	20,447	76.3%	5,571	20.8%	796	3.0%
Public	University of Kansas Medical Center	1,766	419	23.7%	635	36.0%	712	40.3%
Public	University of Kentucky	25,397	18,108	71.3%	5,881	23.2%	1,408	5.5%
Public	University of Louisville	20,605	14,707	71.4%	4,594	22.3%	1,304	6.3%
Public	University of Maine - Orono	11,222	8,972	80.0%	2,250	20.1%	0	0.0%
Public	University of Maryland - Baltimore	5,477	924	16.9%	2,090	38.2%	2,463	45.0%
Public	University of Maryland - Baltimore County	11,872	9,646	81.2%	2,226	18.8%	0	0.0%
Public	University of Maryland - College Park	35,329	25,446	72.0%	9,764	27.6%	119	0.3%
Public	University of Massachusetts - Amherst	24,310	18,718	77.0%	5,592	23.0%	0	0.0%
Public	University of Massachusetts Medical Sch - Worcester	775	0	0.0%	350	45.2%	425	54.8%
Public	University of Medicine & Dentistry of New Jersey	4,942	772	15.6%	2,192	44.4%	1,978	40.0%
Private	University of Miami	15,235	9,996	65.6%	3,339	21.9%	1,900	12.5%
Public	University of Michigan - Ann Arbor	39,031	24,517	62.8%	12,091	31.0%	2,423	6.2%
Public	University of Minnesota - Twin Cities	49,474	32,474	65.6%	13,562	27.4%	3,438	6.9%
Public	University of Mississippi - Oxford	13,780	11,224	81.5%	1,825	13.2%	731	5.3%
Public	University of Mississippi Medical Center	1,773	483	27.2%	305	17.2%	985	55.6%

Fall 2003 Part-Time Enrollment				2003-2004 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
52.1%	47.9%	4.2%	0.0%	212	411	183	20	0
18.7%	11.5%	7.2%	0.0%	0	5,729	1,478	398	304
23.1%	12.5%	10.6%	0.0%	0	2,313	833	110	118
23.2%	9.0%	14.1%	0.1%	57	274	78	12	238
7.7%	3.8%	3.8%	0.0%	0	7,388	1,896	775	394
10.0%	8.5%	1.4%	0.0%	0	6,314	813	375	395
5.1%	3.2%	2.0%	0.0%	0	4,917	907	187	95
4.1%	3.0%	1.0%	0.0%	0	7,637	2,488	666	585
8.4%	7.8%	0.5%	0.0%	0	3,045	360	141	0
4.3%	3.6%	0.8%	0.0%	0	4,467	784	327	100
0.0%	0.0%	0.0%	0.0%	0	21	204	95	368
3.9%	3.1%	0.8%	0.0%	0	5,072	618	253	0
4.8%	4.4%	0.5%	0.0%	0	3,278	300	107	0
31.1%	20.8%	10.3%	0.0%	226	7,245	1,804	132	0
13.7%	0.7%	12.9%	0.1%	0	1,216	2,397	331	301
22.7%	12.8%	9.9%	0.0%	241	2,956	1,472	212	302
19.5%	7.4%	12.1%	0.0%	0	5,196	1,062	286	157
42.4%	0.9%	33.9%	7.6%	0	201	183	60	235
1.5%	0.0%	0.0%	1.5%	0	0	0	0	103
16.9%	3.9%	12.1%	0.9%	11	3,906	1,129	257	253
20.0%	5.1%	14.9%	0.0%	0	1,552	733	25	133
15.9%	11.6%	4.3%	0.0%	10	3,671	664	177	0
12.2%	5.8%	5.3%	1.1%	415	8,759	2,961	694	964
14.6%	7.2%	7.2%	0.1%	0	6,032	1,528	404	429
26.8%	11.5%	15.2%	0.1%	0	2,584	1,040	116	143
32.2%	22.6%	8.7%	0.8%	0	4,367	1,392	196	501
23.1%	8.8%	14.3%	0.1%	0	1,687	459	70	103
19.5%	6.7%	12.5%	0.2%	0	3,534	1,879	233	515
8.8%	2.8%	6.0%	0.1%	0	7,027	2,756	574	308
19.9%	8.3%	11.1%	0.5%	0	4,509	1,358	300	547
21.4%	9.4%	11.9%	0.2%	0	3,910	1,326	239	318
22.7%	4.8%	17.9%	0.0%	0	214	173	17	160
18.2%	7.2%	10.9%	0.1%	0	3,592	1,242	233	372
31.6%	19.6%	11.7%	0.4%	45	1,950	1,167	106	330
24.9%	14.6%	10.3%	0.0%	0	1,481	454	40	0
20.4%	4.9%	13.2%	2.3%	0	377	582	103	684
24.2%	13.7%	10.5%	0.0%	0	1,708	400	65	0
16.4%	6.9%	9.6%	0.0%	0	6,431	1,990	482	31
19.3%	5.5%	13.7%	0.0%	71	4,206	1,058	274	0
0.4%	0.0%	0.4%	0.0%	0	0	32	30	98
24.2%	5.3%	18.9%	0.0%	98	101	307	185	457
11.2%	5.3%	5.3%	0.6%	0	2,766	1,183	159	523
8.1%	3.1%	5.0%	0.0%	0	6,610	3,446	660	705
29.1%	12.7%	16.2%	0.2%	0	6,540	2,677	592	715
13.8%	8.3%	5.5%	0.0%	0	1,989	498	73	218
7.3%	1.1%	6.1%	0.0%	0	193	51	15	126

Student Characteristics		Fall 2003 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 Missouri - Columbia	26,805	20,441	76.3%	5,255	19.6%	1,109	4.1%
Public	University of Montana - Missoula	13,313	11,310	85.0%	1,756	13.2%	247	1.9%
Public	University of Nebraska - Lincoln	22,559	17,851	79.1%	4,289	19.0%	419	1.9%
Public	University of Nebraska Medical Center	2,865	742	25.9%	1,231	43.0%	892	31.1%
Public	University of Nevada - Las Vegas	26,161	20,836	79.6%	4,703	18.0%	622	2.4%
Public	University of Nevada - Reno	15,534	12,118	78.0%	3,204	20.6%	212	1.4%
Public	University of New Hampshire - Durham	15,586	12,568	80.6%	3,018	19.4%	0	0.0%
Public	University of New Mexico - Albuquerque	25,686	17,932	69.8%	6,775	26.4%	979	3.8%
Public	University of North Carolina - Chapel Hill	26,359	16,144	61.2%	7,857	29.8%	2,358	8.9%
Public	University of North Dakota	13,034	10,711	82.2%	1,894	14.5%	429	3.3%
Private	University of Notre Dame	11,415	8,311	72.8%	2,518	22.1%	586	5.1%
Public	University of Oklahoma - Norman	27,146	20,534	75.6%	6,091	22.4%	521	1.9%
Public	University of Oklahoma Health Sciences Center	3,126	708	22.6%	1,214	38.8%	1,204	38.5%
Public	University of Oregon	19,992	15,983	79.9%	3,495	17.5%	514	2.6%
Private	University of Pennsylvania	23,243	12,027	51.7%	8,830	38.0%	2,386	10.3%
Public	University of Pittsburgh - Pittsburgh	26,795	17,413	65.0%	7,543	28.2%	1,839	6.9%
Public	University of Puerto Rico - Medical Sciences	2,360	513	21.7%	1,090	46.2%	757	32.1%
Public	University of Rhode Island	14,791	11,298	76.4%	2,979	20.1%	514	3.5%
Private	University of Rochester	8,466	4,581	54.1%	3,449	40.7%	436	5.2%
Public	University of South Carolina - Columbia	25,288	17,133	67.8%	6,857	27.1%	1,298	5.1%
Public	University of South Florida	40,945	32,127	78.5%	8,426	20.6%	392	1.0%
Private	University of Southern California	31,606	16,381	51.8%	12,566	39.8%	2,659	8.4%
Public	University of Southern Mississippi	15,050	12,371	82.2%	2,679	17.8%	0	0.0%
Public	University of Tennessee - Knoxville	27,281	19,224	70.5%	5,959	21.8%	2,098	7.7%
Public	University of Texas - Austin	51,426	38,383	74.6%	11,297	22.0%	1,746	3.4%
Public	University of Texas Health Science Center - Houston	3,417	347	10.2%	1,996	58.4%	1,074	31.4%
Public	University of Texas Health Science Ctr - San Antonio	2,754	894	32.5%	696	25.3%	1,164	42.3%
Public	University of Texas MD Anderson Cancer Center	75	75	100.0%	0	0.0%	0	0.0%
Public	University of Texas Medical Branch - Galveston	1,981	521	26.3%	640	32.3%	820	41.4%
Public	University of Texas SW Medical Center - Dallas	1,684	121	7.2%	694	41.2%	869	51.6%
Public	University of Utah	28,436	22,421	78.8%	5,061	17.8%	954	3.4%
Public	University of Vermont	10,967	9,234	84.2%	1,344	12.3%	389	3.5%
Public	University of Virginia	23,077	13,829	59.9%	7,617	33.0%	1,631	7.1%
Public	University of Washington - Seattle	39,135	27,962	71.5%	9,376	24.0%	1,797	4.6%
Public	University of Wisconsin - Madison	40,879	29,546	72.3%	8,912	21.8%	2,421	5.9%
Public	University of Wyoming	13,130	9,385	71.5%	3,304	25.2%	441	3.4%
Public	US Naval Postgraduate School	2,033	0	0.0%	2,033	100.0%	0	0.0%
Public	Utah State University	16,460	13,958	84.8%	2,502	15.2%	0	0.0%
Private	Vanderbilt University	11,092	6,283	56.6%	3,584	32.3%	1,225	11.0%
Public	Virginia Commonwealth University	26,631	18,173	68.2%	6,965	26.2%	1,493	5.6%
Public	Virginia Polytechnic Institute and State University	27,755	21,348	76.9%	6,048	21.8%	359	1.3%
Private	Wake Forest University	6,444	4,037	62.6%	1,396	21.7%	1,011	15.7%
Public	Washington State University - Pullman	22,712	18,746	82.5%	3,239	14.3%	727	3.2%
Private	Washington University in St. Louis	13,020	7,188	55.2%	4,639	35.6%	1,193	9.2%
Public	Wayne State University	32,208	20,150	62.6%	10,042	31.2%	2,016	6.3%
Public	West Virginia University	24,260	17,517	72.2%	5,423	22.4%	1,320	5.4%
Private	Woods Hole Oceanographic Institution	NR	NR					
Private	Yale University	11,471	5,354	46.7%	4,877	42.5%	1,240	10.8%
Private	Yeshiva University	6,019	2,784	46.3%	1,456	24.2%	1,779	29.6%

Fall 2003 Part-Time Enrollment				2003-2004 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
15.5%	5.3%	10.2%	0.1%	0	4,086	1,222	251	331
17.0%	11.2%	5.7%	0.1%	207	1,859	468	38	134
16.6%	7.2%	9.4%	0.0%	7	3,331	835	236	131
14.9%	2.9%	11.9%	0.1%	0	442	675	23	215
43.1%	29.6%	12.8%	0.7%	0	2,951	883	44	119
30.4%	17.1%	13.3%	0.0%	0	1,786	464	77	50
22.2%	8.4%	13.8%	0.0%	158	2,467	714	46	0
31.6%	14.8%	16.6%	0.2%	10	3,030	1,090	195	243
16.8%	3.0%	13.4%	0.5%	0	4,517	1,868	439	587
16.7%	8.2%	8.5%	0.0%	0	1,824	447	58	116
2.4%	0.2%	2.2%	0.1%	0	2,687	940	149	176
24.5%	9.3%	15.1%	0.0%	0	3,430	1,611	136	177
27.8%	3.0%	19.4%	5.3%	0	321	249	26	279
12.9%	7.7%	5.2%	0.0%	0	3,685	935	164	159
18.0%	8.7%	9.3%	0.0%	4	3,526	3,179	414	619
19.5%	8.5%	11.0%	0.0%	0	4,304	1,817	382	598
11.3%	3.9%	7.4%	0.0%	30	182	194	7	173
25.4%	12.6%	12.7%	0.0%	0	2,044	507	79	78
15.4%	2.6%	12.7%	0.0%	0	1,356	852	210	103
22.4%	8.9%	13.4%	0.1%	12	3,388	1,855	241	380
38.3%	25.7%	12.6%	0.0%	248	5,524	2,042	179	89
14.6%	2.2%	12.5%	0.0%	0	4,591	3,668	573	696
25.1%	15.8%	9.3%	0.0%	0	2,482	765	139	0
14.4%	6.3%	8.1%	0.0%	0	4,035	1,737	280	533
9.7%	7.4%	2.3%	0.1%	0	8,917	2,841	702	597
29.1%	1.0%	28.1%	0.0%	0	152	337	98	250
15.4%	8.0%	7.4%	0.0%	0	318	131	34	281
0.0%	0.0%	0.0%	0.0%	0	24	0	0	0
18.8%	12.8%	6.0%	0.0%	0	210	109	35	194
6.4%	2.6%	3.8%	0.0%	0	75	76	47	203
30.9%	25.2%	5.7%	0.0%	0	4,947	1,460	216	260
20.3%	13.4%	6.9%	0.0%	20	1,800	384	53	90
18.3%	3.4%	14.9%	0.0%	0	3,808	1,718	358	493
16.2%	11.1%	4.8%	0.3%	0	7,648	2,556	503	488
11.3%	6.7%	4.2%	0.4%	0	6,336	2,022	628	585
32.1%	13.6%	18.5%	0.0%	0	1,792	423	42	131
26.5%	0.0%	26.5%	0.0%	0	0	0	0	0
25.0%	13.3%	11.7%	0.0%	27	2,530	905	64	0
3.9%	0.5%	3.1%	0.3%	0	1,992	1,108	189	335
32.9%	16.2%	16.6%	0.1%	0	2,485	1,281	153	335
10.6%	2.2%	8.4%	0.0%	37	5,060	1,444	290	93
4.3%	1.7%	2.5%	0.1%	0	1,103	547	39	271
18.2%	12.9%	5.3%	0.1%	0	4,223	752	167	160
19.6%	9.8%	9.8%	0.0%	0	2,276	1,275	241	358
47.3%	28.4%	18.3%	0.6%	0	2,380	2,468	194	507
14.1%	4.0%	9.9%	0.1%	0	2,938	1,533	160	338
				NR	NR	NR	NR	NR
2.3%	0.5%	1.4%	0.3%	0	1,499	1,324	340	367
10.7%	0.9%	8.4%	1.4%	256	575	347	121	500

TheCenter Measures - National Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically		2005 — No. of Measures in Top 25 Nationally	2005 — No. of Measures in Top 26-50 Nationally	2004 — No. of Measures in Top 25 Nationally	2004 — No. of Measures in Top 26-50 Nationally
Public	Alabama A&M University	0	0	0	0
Public	Arizona State University - Tempe	0	1	0	2
Public	Auburn University	0	0	0	0
Private	Baylor College of Medicine	2	2	2	3
Private	Boston College	0	1	0	1
Private	Boston University	0	2	1	3
Private	Brandeis University	0	1	0	0
Private	Brown University	1	2	2	1
Private	California Institute of Technology	4	3	3	4
Private	Carnegie Mellon University	1	1	0	2
Private	Case Western Reserve University	0	5	0	4
Private	Charles R. Drew University of Medicine and Science	0	0	0	0
Public	Clemson University	0	0	0	0
Public	College of William and Mary	0	1	0	0
Public	Colorado State University	0	0	0	0
Private	Columbia University	8	1	8	1
Private	Cornell University	5	3	8	1
Private	Cornell University Weill Medical College	0	1	0	0
Private	Dartmouth College	2	2	2	1
Public	Desert Research Institute	0	0	0	0
Private	Drexel University	0	0	0	0
Private	Duke University	8	0	8	0
Private	Emory University	3	4	3	4
Public	Florida International University	0	0	0	0
Public	Florida State University	0	0	0	1
Public	George Mason University	0	0	0	0
Private	George Washington University	0	0	0	0
Private	Georgetown University	0	2	0	2
Public	Georgia Institute of Technology	0	7	0	6
Public	Georgia State University	0	0	0	0
Private	Harvard University	8	1	9	0
Private	Howard University	0	0	0	0
Public	Indiana University - Bloomington	0	2	0	1
Public	Indiana University-Purdue University - Indianapolis	0	0	0	1
Public	Iowa State University	0	0	0	0
Public	Jackson State University	0	0	0	0
Private	Johns Hopkins University	8	1	8	1
Public	Kansas State University	0	0	0	0
Private	Loma Linda University	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	0	0	0
Public	Louisiana State University Health Sciences Center	0	0	0	0
Private	Loyola University Chicago	0	0	0	0
Private	Massachusetts Institute of Technology	9	0	9	0
Public	Medical College of Georgia	0	0	0	0
Private	Medical College of Wisconsin	0	0	0	0
Public	Medical University of South Carolina	0	0	0	0

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	2000 — No. of Measures in Top 25 Nationally	2000 — No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
0	2	0	1	0	1	0	1
0	0	0	0	0	0	0	0
3	1	2	3	1	4	1	4
0	1	0	0	0	0	0	0
1	2	0	3	0	4	0	3
0	1	0	1	0	2	0	2
2	1	1	3	1	3	1	3
3	5	4	2	4	4	5	3
1	1	0	2	1	2	1	2
0	7	1	6	0	7	1	5
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	1
8	1	8	1	8	1	8	1
7	2	7	2	9	0	8	1
0	0	0	0	0	0	0	0
2	1	2	2	2	1	2	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
8	0	8	1	8	0	8	0
3	4	3	3	1	4	2	5
0	0	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
1	1	0	2	0	2	0	2
1	6	0	7	0	7	0	6
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	1
0	2	1	1	1	1	0	1
0	1	1	0	0	2	0	0
0	1	0	0	0	1	0	2
0	0	0	0	0	0	0	0
8	1	8	1	8	1	8	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

TheCenter Measures - National Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 — No. of Measures in Top 25 Nationally	2005 — No. of Measures in Top 26-50 Nationally	2004 — No. of Measures in Top 25 Nationally	2004 — No. of Measures in Top 26-50 Nationally
Private	Meharry Medical College	0	0	0	0
Public	Michigan State University	1	3	1	4
Public	Mississippi State University	0	0	0	0
Public	Montana State University - Bozeman	0	0	0	0
Private	Morehouse School of Medicine	0	0	0	0
Private	Mount Sinai School of Medicine	0	1	0	0
Public	New Jersey Institute of Technology	0	0	0	0
Public	New Mexico State University - Las Cruces	0	0	0	0
Private	New York Medical College	0	0	0	0
Private	New York University	2	4	2	6
Public	North Carolina State University	0	6	0	5
Public	North Dakota State University	0	0	0	0
Private	Northeastern University	0	0	0	0
Private	Northwestern University	4	4	3	5
Public	Ohio State University - Columbus	3	5	3	5
Public	Ohio University - Athens	0	0	0	0
Public	Oklahoma State University - Stillwater	0	0	0	0
Public	Oregon Health & Science University	0	1	0	0
Public	Oregon State University	0	0	0	0
Public	Pennsylvania State University - Hershey Medical Ctr	0	0	0	0
Public	Pennsylvania State University - University Park	3	4	4	2
Private	Princeton University	4	3	5	2
Public	Purdue University - West Lafayette	2	3	1	4
Private	Rensselaer Polytechnic Institute	0	0	0	0
Private	Rice University	2	0	2	1
Private	Rockefeller University	1	2	1	3
Private	Rush University	0	0	0	0
Public	Rutgers the State University of NJ - New Brunswick	0	2	0	4
Private	Saint Louis University - St. Louis	0	0	0	0
Public	San Diego State University	0	0	0	0
Private	Stanford University	9	0	9	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	0	0	0	0
Public	Stony Brook University	0	2	0	2
Private	Syracuse University	0	0	0	0
Public	Temple University	0	1	0	0
Public	Texas A&M University	3	3	3	4
Public	Texas A&M University System Health Sciences Center	0	0	0	0
Public	Texas Tech University	0	0	0	0
Private	Thomas Jefferson University	0	0	0	0
Private	Tufts University	0	1	0	2
Private	Tulane University	0	0	0	0
Public	University at Albany	0	1	0	0
Public	University at Buffalo	0	3	0	3
Public	University of Alabama - Birmingham	1	1	1	1
Public	University of Alabama - Huntsville	0	0	0	0
Public	University of Alabama - Tuscaloosa	0	0	0	0

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	2000 — No. of Measures in Top 25 Nationally	2000 — No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
2	3	2	2	1	4	1	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2	4	0	8	1	8	2	7
0	4	0	4	0	3	0	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	5	3	5	4	5	3	5
3	5	3	4	3	4	3	3
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	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4	2	4	3	3	3	2	4
5	1	5	2	5	2	5	1
1	4	1	4	1	4	1	6
0	0	0	0	0	0	0	1
2	1	2	1	2	1	2	3
1	4	1	2	1	2	1	2
0	0	0	0	0	0	0	0
0	3	1	4	0	4	0	3
0	0	0	0	0	1	0	2
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	3	0	2	1	1	0	3
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	1
3	4	3	4	3	3	3	4
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1
0	1	0	2	0	1	0	2
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	1	0	1	0	3	0	1
0	3	0	3	0	4	1	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

TheCenter Measures - National Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 — No. of Measures in Top 25 Nationally	2005 — No. of Measures in Top 26-50 Nationally	2004 — No. of Measures in Top 25 Nationally	2004 — No. of Measures in Top 26-50 Nationally
Public	University of Alaska - Fairbanks	0	0	0	0
Public	University of Arizona	2	5	2	5
Public	University of Arkansas - Fayetteville	0	0	1	0
Public	University of Arkansas for Medical Sciences	0	0	0	0
Public	University of California - Berkeley	8	0	8	0
Public	University of California - Davis	2	4	2	4
Public	University of California - Irvine	0	3	0	2
Public	University of California - Los Angeles	7	0	7	0
Public	University of California - Riverside	0	0	0	0
Public	University of California - San Diego	5	2	5	2
Public	University of California - San Francisco	6	0	5	1
Public	University of California - Santa Barbara	0	1	1	0
Public	University of California - Santa Cruz	0	1	0	0
Public	University of Central Florida	0	0	0	0
Private	University of Chicago	3	4	4	5
Public	University of Cincinnati - Cincinnati	0	3	0	2
Public	University of Colorado - Boulder	1	4	1	4
Public	University of Colorado Health Sciences Center	0	2	0	1
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	0	0	0
Private	University of Dayton	0	0	0	0
Public	University of Delaware	0	1	0	1
Public	University of Florida	3	3	3	4
Public	University of Georgia	0	2	1	1
Public	University of Hawaii - Manoa	0	0	0	0
Public	University of Houston - University Park	0	0	0	0
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	3	0	4
Public	University of Illinois - Urbana-Champaign	5	2	4	2
Public	University of Iowa	0	5	0	6
Public	University of Kansas - Lawrence	0	0	0	0
Public	University of Kansas Medical Center	0	0	0	0
Public	University of Kentucky	0	1	0	1
Public	University of Louisville	0	0	0	0
Public	University of Maine - Orono	0	0	0	0
Public	University of Maryland - Baltimore	0	1	0	1
Public	University of Maryland - Baltimore County	0	0	0	0
Public	University of Maryland - College Park	2	4	1	4
Public	University of Massachusetts - Amherst	0	0	0	1
Public	University of Massachusetts Medical Sch - Worcester	0	1	0	1
Public	University of Medicine & Dentistry of New Jersey	0	0	0	0
Private	University of Miami	0	1	0	1
Public	University of Michigan - Ann Arbor	8	0	8	0
Public	University of Minnesota - Twin Cities	6	2	6	2
Public	University of Mississippi - Oxford	0	0	0	0
Public	University of Mississippi Medical Center	0	0	0	0

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	2000 — No. of Measures in Top 25 Nationally	2000 — No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
3	4	2	5	3	4	3	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
8	0	8	1	8	0	8	1
2	3	2	4	1	4	1	4
0	3	0	2	0	2	0	2
7	1	7	1	7	1	7	1
0	0	0	0	0	0	0	0
4	3	5	2	5	2	5	2
4	1	6	0	6	0	6	0
1	1	0	2	0	1	0	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4	4	4	4	5	3	3	4
0	3	0	1	0	2	0	3
2	4	1	5	0	6	1	5
0	2	0	1	0	2	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	1
0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0
3	3	3	4	3	4	2	5
1	1	0	3	0	2	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	3	0	2	0	3	0	2
5	1	5	2	5	1	5	2
0	6	0	6	0	5	0	6
0	1	0	0	0	1	0	1
0	0	0	0	0	0	0	0
0	1	0	1	0	2	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0
1	4	1	4	1	3	1	3
0	1	0	1	0	1	0	1
0	0	0	0	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	2	0	3
7	1	8	0	8	0	8	0
7	1	8	0	8	0	8	0
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

TheCenter Measures - National Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 — No. of Measures in Top 25 Nationally	2005 — No. of Measures in Top 26-50 Nationally	2004 — No. of Measures in Top 25 Nationally	2004 — No. of Measures in Top 26-50 Nationally
Public	University of Missouri - Columbia	0	0	0	2
Public	University of Montana - Missoula	0	0	0	0
Public	University of Nebraska - Lincoln	0	0	0	1
Public	University of Nebraska Medical Center	0	0	0	0
Public	University of Nevada - Las Vegas	0	0	0	0
Public	University of Nevada - Reno	0	0	0	0
Public	University of New Hampshire - Durham	0	0	0	0
Public	University of New Mexico - Albuquerque	0	0	0	0
Public	University of North Carolina - Chapel Hill	5	3	3	5
Public	University of North Dakota	0	0	0	0
Private	University of Notre Dame	2	1	1	2
Public	University of Oklahoma - Norman	0	0	0	0
Public	University of Oklahoma Health Sciences Center	0	0	0	0
Public	University of Oregon	0	0	0	0
Private	University of Pennsylvania	9	0	8	1
Public	University of Pittsburgh - Pittsburgh	3	5	3	5
Public	University of Puerto Rico - Medical Sciences	0	0	0	0
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	0	4	0	5
Public	University of South Carolina - Columbia	0	0	0	0
Public	University of South Florida	0	0	0	0
Private	University of Southern California	7	0	7	1
Public	University of Southern Mississippi	0	0	0	0
Public	University of Tennessee - Knoxville	0	2	0	2
Public	University of Texas - Austin	5	2	6	1
Public	University of Texas Health Science Center - Houston	0	0	0	0
Public	University of Texas Health Science Ctr - San Antonio	0	0	0	0
Public	University of Texas MD Anderson Cancer Center	1	2	1	1
Public	University of Texas Medical Branch - Galveston	0	0	0	0
Public	University of Texas SW Medical Center - Dallas	1	5	0	5
Public	University of Utah	0	3	0	4
Public	University of Vermont	0	0	0	0
Public	University of Virginia	2	5	2	5
Public	University of Washington - Seattle	7	1	7	1
Public	University of Wisconsin - Madison	6	2	7	1
Public	University of Wyoming	0	0	0	0
Public	US Naval Postgraduate School	0	0	0	0
Public	Utah State University	0	0	0	0
Private	Vanderbilt University	2	5	1	5
Public	Virginia Commonwealth University	0	0	0	0
Public	Virginia Polytechnic Institute and State University	0	2	0	2
Private	Wake Forest University	0	0	0	0
Public	Washington State University - Pullman	0	0	0	0
Private	Washington University in St. Louis	7	1	7	1
Public	Wayne State University	0	0	0	0
Public	West Virginia University	0	0	0	0
Private	Woods Hole Oceanographic Institution	0	0	0	0
Private	Yale University	7	2	7	2
Private	Yeshiva University	0	2	0	2

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	2000 — No. of Measures in Top 25 Nationally	2000 — No. of Measures in Top 26-50 Nationally
0	3	0	1	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	3	5	3	5	3	5	2
0	0	0	0	0	0	0	0
1	3	1	2	1	2	1	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
9	0	8	1	9	0	9	0
2	5	2	5	2	4	2	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	5	0	6	0	6	0	5
0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0
6	2	6	2	7	1	7	1
0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	1
3	4	4	3	5	2	4	4
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	2	0	0	0	1	1	0
0	0	0	0	0	1	0	1
0	5	1	4	0	4	2	2
0	4	0	5	0	5	0	5
0	0	0	0	0	0	0	0
3	4	3	4	3	4	1	6
7	1	7	1	7	0	7	0
7	1	7	1	7	1	7	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2	3	1	4	2	3	3	3
0	0	0	0	0	0	0	0
0	2	0	2	0	2	0	1
0	0	0	0	0	1	0	1
0	0	0	0	0	0	0	0
7	1	6	2	6	2	5	3
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
7	2	7	2	6	2	6	1
1	1	1	1	1	0	0	2

TheCenter Measures - Control Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically		2005 No. of Measures in Top 25 Among Privates/ Publics	2005 No. of Measures in Top 26-50 Among Privates/ Publics	2004 No. of Measures in Top 25 Among Privates/ Publics	2004 No. of Measures in Top 26-50 Among Privates/ Publics
Public	Alabama A&M University	0	0	0	0
Public	Arizona State University - Tempe	1	2	1	3
Public	Auburn University	0	0	0	0
Private	Baylor College of Medicine	4	3	5	2
Private	Boston College	0	5	0	6
Private	Boston University	4	4	5	3
Private	Brandeis University	0	7	0	6
Private	Brown University	5	4	5	4
Private	California Institute of Technology	7	2	8	1
Private	Carnegie Mellon University	5	4	3	6
Private	Case Western Reserve University	7	1	6	2
Private	Charles R. Drew University of Medicine and Science	0	2	0	3
Public	Clemson University	0	1	1	0
Public	College of William and Mary	1	1	0	0
Public	Colorado State University	0	3	0	4
Private	Columbia University	9	0	9	0
Private	Cornell University	8	0	8	1
Private	Cornell University Weill Medical College	1	4	0	0
Private	Dartmouth College	4	4	4	4
Public	Desert Research Institute	0	0	1	0
Private	Drexel University	0	6	0	6
Private	Duke University	9	0	9	0
Private	Emory University	8	1	7	2
Public	Florida International University	0	0	0	0
Public	Florida State University	0	2	0	4
Public	George Mason University	0	0	1	0
Private	George Washington University	1	7	1	7
Private	Georgetown University	2	6	1	6
Public	Georgia Institute of Technology	6	2	6	2
Public	Georgia State University	0	0	0	0
Private	Harvard University	9	0	9	0
Private	Howard University	0	4	0	2
Public	Indiana University - Bloomington	1	4	1	4
Public	Indiana University-Purdue University - Indianapolis	0	5	1	4
Public	Iowa State University	0	7	0	8
Public	Jackson State University	0	0	1	0
Private	Johns Hopkins University	9	0	9	0
Public	Kansas State University	0	1	0	0
Private	Loma Linda University	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	3	0	3
Public	Louisiana State University Health Sciences Center	0	0	0	0
Private	Loyola University Chicago	0	5	1	3
Private	Massachusetts Institute of Technology	9	0	9	0
Public	Medical College of Georgia	0	0	0	0
Private	Medical College of Wisconsin	0	3	0	3
Public	Medical University of South Carolina	0	1	0	1
Private	Meharry Medical College	0	1	0	1

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	3	0	2	0	3	0	3
0	0	0	1	0	0	0	0
5	2	6	1	4	3	5	2
0	7	0	0	0	0	0	0
5	2	5	3	5	3	5	3
0	8	0	8	1	7	1	7
3	6	4	5	4	5	4	5
8	1	7	2	8	1	9	0
4	5	3	6	5	4	5	4
8	1	7	2	7	2	6	3
0	3	0	3	0	3	0	0
0	1	0	2	0	1	0	0
0	0	0	0	0	0	0	0
0	4	0	4	0	4	0	5
9	0	9	0	9	0	9	0
8	1	8	1	9	0	8	1
0	0	0	0	0	0	0	0
4	4	5	3	5	3	4	4
0	0	0	0	0	0	0	0
0	4	0	0	0	0	0	0
9	0	9	0	9	0	9	0
8	1	7	2	4	5	5	4
0	0	0	0	0	0	0	0
0	4	0	4	0	3	0	3
0	0	0	0	0	0	0	0
1	7	1	6	1	6	1	7
2	6	2	6	1	8	3	5
6	2	7	0	7	1	6	1
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	3	0	3	0	3	0	4
1	4	1	4	3	2	2	4
1	3	1	3	1	4	0	4
0	8	1	6	2	5	1	6
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	4	0	3	0	3	0	3
0	0	0	0	0	0	0	0
1	3	0	4	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	3	0	3	0	3	0	5
0	1	0	1	0	1	0	1
0	0	0	0	0	0	0	0

TheCenter Measures - Control Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 No. of Measures in Top 25 Among Privates/ Publics	2005 No. of Measures in Top 26-50 Among Privates/ Publics	2004 No. of Measures in Top 25 Among Privates/ Publics	2004 No. of Measures in Top 26-50 Among Privates/ Publics
Public	Michigan State University	5	3	6	2
Public	Mississippi State University	0	1	0	0
Public	Montana State University - Bozeman	0	0	0	0
Private	Morehouse School of Medicine	0	2	1	2
Private	Mount Sinai School of Medicine	3	1	2	1
Public	New Jersey Institute of Technology	0	0	0	0
Public	New Mexico State University - Las Cruces	0	0	0	0
Private	New York Medical College	0	1	0	0
Private	New York University	8	0	8	1
Public	North Carolina State University	3	5	5	2
Public	North Dakota State University	0	0	1	0
Private	Northeastern University	0	4	0	1
Private	Northwestern University	8	1	8	1
Public	Ohio State University - Columbus	7	2	8	0
Public	Ohio University - Athens	0	0	0	0
Public	Oklahoma State University - Stillwater	0	1	0	0
Public	Oregon Health & Science University	0	4	0	3
Public	Oregon State University	0	3	0	1
Public	Pennsylvania State University - Hershey Medical Ctr	0	0	0	0
Public	Pennsylvania State University - University Park	7	2	7	2
Private	Princeton University	8	1	7	2
Public	Purdue University - West Lafayette	4	4	4	4
Private	Rensselaer Polytechnic Institute	0	6	0	7
Private	Rice University	4	5	3	6
Private	Rockefeller University	5	2	5	2
Private	Rush University	0	3	0	4
Public	Rutgers the State University of NJ - New Brunswick	2	6	2	5
Private	Saint Louis University - St. Louis	0	5	0	5
Public	San Diego State University	0	0	0	0
Private	Stanford University	9	0	9	0
Public	State Univ. of New York Health Science Ctr - Brooklyn	0	0	0	0
Public	Stony Brook University	0	7	1	6
Private	Syracuse University	0	7	0	8
Public	Temple University	0	1	0	0
Public	Texas A&M University	5	4	5	4
Public	Texas A&M University System Health Sciences Center	0	0	0	0
Public	Texas Tech University	0	0	0	0
Private	Thomas Jefferson University	0	4	0	4
Private	Tufts University	1	7	1	7
Private	Tulane University	0	8	0	8
Public	University at Albany	1	0	0	0
Public	University at Buffalo	2	4	1	5
Public	University of Alabama - Birmingham	1	5	1	5
Public	University of Alabama - Huntsville	0	0	0	0
Public	University of Alabama - Tuscaloosa	0	1	0	1
Public	University of Alaska - Fairbanks	0	0	0	0

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
4	4	2	5	4	4	2	6
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2	1	2	1	2	1	0	4
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
8	1	7	2	7	2	8	1
3	6	3	4	2	7	2	5
0	0	0	0	0	0	0	0
0	2	0	3	0	3	0	3
9	0	8	1	9	0	9	0
7	2	6	2	7	1	6	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1
0	5	0	3	0	3	0	2
0	1	0	2	0	3	0	2
0	0	0	0	0	0	0	0
7	2	6	2	8	1	8	1
8	1	7	2	8	1	8	1
5	3	4	3	5	3	6	2
0	7	1	6	0	7	0	6
3	6	3	6	3	6	3	6
5	2	4	3	3	4	3	4
0	4	0	4	0	3	0	4
2	5	2	5	4	5	4	5
0	4	0	5	0	5	0	7
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
3	3	2	3	2	4	2	4
0	6	0	5	0	7	0	6
0	1	0	0	0	1	0	2
5	4	5	3	6	3	7	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	5	1	3	1	3	1	3
1	7	1	7	2	6	2	5
0	9	0	8	0	7	0	7
0	0	0	0	0	0	0	0
1	4	0	4	1	6	1	6
2	3	3	3	4	2	3	2
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

TheCenter Measures - Control Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 No. of Measures in Top 25 Among Privates/ Publics	2005 No. of Measures in Top 26-50 Among Privates/ Publics	2004 No. of Measures in Top 25 Among Privates/ Publics	2004 No. of Measures in Top 26-50 Among Privates/ Publics
Public	University of Arizona	7	1	7	1
Public	University of Arkansas - Fayetteville	0	2	1	1
Public	University of Arkansas for Medical Sciences	0	0	0	0
Public	University of California - Berkeley	9	0	9	0
Public	University of California - Davis	6	2	6	2
Public	University of California - Irvine	3	4	2	6
Public	University of California - Los Angeles	9	0	9	0
Public	University of California - Riverside	0	2	0	2
Public	University of California - San Diego	7	1	7	1
Public	University of California - San Francisco	6	1	6	0
Public	University of California - Santa Barbara	1	5	1	4
Public	University of California - Santa Cruz	1	0	0	1
Public	University of Central Florida	0	0	0	0
Private	University of Chicago	8	0	9	0
Public	University of Cincinnati - Cincinnati	2	4	1	6
Public	University of Colorado - Boulder	4	2	5	1
Public	University of Colorado Health Sciences Center	2	2	0	5
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	2	0	1
Private	University of Dayton	0	2	0	2
Public	University of Delaware	1	2	1	1
Public	University of Florida	8	1	8	1
Public	University of Georgia	2	6	2	5
Public	University of Hawaii - Manoa	0	3	0	2
Public	University of Houston - University Park	0	2	0	3
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	6	2	3
Public	University of Illinois - Urbana-Champaign	8	1	8	1
Public	University of Iowa	4	5	6	3
Public	University of Kansas - Lawrence	1	3	1	2
Public	University of Kansas Medical Center	0	0	0	0
Public	University of Kentucky	0	6	0	7
Public	University of Louisville	0	1	0	1
Public	University of Maine - Orono	0	0	0	0
Public	University of Maryland - Baltimore	1	3	0	4
Public	University of Maryland - Baltimore County	0	2	0	1
Public	University of Maryland - College Park	7	1	6	3
Public	University of Massachusetts - Amherst	0	4	1	2
Public	University of Massachusetts Medical Sch - Worcester	0	2	1	1
Public	University of Medicine & Dentistry of New Jersey	0	2	0	3
Private	University of Miami	3	4	3	4
Public	University of Michigan - Ann Arbor	9	0	9	0
Public	University of Minnesota - Twin Cities	8	1	8	1
Public	University of Mississippi - Oxford	0	1	0	2
Public	University of Mississippi Medical Center	0	0	0	0
Public	University of Missouri - Columbia	1	3	1	5
Public	University of Montana - Missoula	0	0	0	0

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
7	1	5	2	7	0	6	2
1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0
9	0	8	0	9	0	9	0
5	4	5	3	5	4	6	3
3	3	2	3	2	4	2	3
9	0	8	0	9	0	9	0
0	1	0	2	0	0	0	2
7	1	5	2	6	2	6	2
6	1	7	0	7	0	7	0
2	4	1	4	1	5	1	5
0	2	0	2	0	2	0	3
0	0	0	0	0	0	0	0
9	0	9	0	9	0	8	1
2	5	1	5	1	5	1	5
4	3	4	1	4	4	4	4
2	3	1	3	1	4	1	4
0	0	0	0	0	0	0	0
0	2	0	1	0	1	0	1
0	2	0	2	0	2	0	3
1	2	1	1	1	2	1	1
8	1	7	1	9	0	8	1
2	5	2	4	2	5	2	5
0	2	0	2	0	3	0	4
0	2	0	2	0	4	0	3
0	0	0	0	0	0	0	0
0	6	1	4	2	3	1	5
8	1	8	0	8	1	8	1
6	3	6	2	5	4	7	2
1	3	1	3	1	4	1	3
0	0	0	0	0	0	0	0
0	7	0	6	0	6	0	7
0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	4	0	4	0	3	0	4
0	1	0	1	0	0	0	0
6	2	5	3	5	4	5	4
0	3	0	2	0	3	0	3
0	3	0	1	0	2	0	1
0	3	0	2	0	2	0	1
3	4	3	3	4	1	3	4
9	0	8	0	9	0	9	0
8	1	7	1	8	1	8	1
1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	6	0	6	0	7	0	6
0	0	0	0	0	0	0	0

TheCenter Measures - Control Rankings

Institutions with Over \$20 Million in Federal Research, Alphabetically (continued)		2005 No. of Measures in Top 25 Among Privates/ Publics	2005 No. of Measures in Top 26-50 Among Privates/ Publics	2004 No. of Measures in Top 25 Among Privates/ Publics	2004 No. of Measures in Top 26-50 Among Privates/ Publics
Public	University of Nebraska - Lincoln	1	2	1	2
Public	University of Nebraska Medical Center	0	0	0	0
Public	University of Nevada - Las Vegas	0	0	0	0
Public	University of Nevada - Reno	0	0	0	0
Public	University of New Hampshire - Durham	0	0	0	0
Public	University of New Mexico - Albuquerque	0	1	0	1
Public	University of North Carolina - Chapel Hill	9	0	9	0
Public	University of North Dakota	0	0	1	0
Private	University of Notre Dame	3	6	2	7
Public	University of Oklahoma - Norman	0	2	0	3
Public	University of Oklahoma Health Sciences Center	0	0	0	0
Public	University of Oregon	0	1	0	3
Private	University of Pennsylvania	9	0	9	0
Public	University of Pittsburgh - Pittsburgh	7	2	7	2
Public	University of Puerto Rico - Medical Sciences	0	0	1	0
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	6	2	7	1
Public	University of South Carolina - Columbia	0	2	0	2
Public	University of South Florida	0	2	0	3
Private	University of Southern California	7	2	8	0
Public	University of Southern Mississippi	0	0	1	0
Public	University of Tennessee - Knoxville	1	5	1	4
Public	University of Texas - Austin	8	1	8	1
Public	University of Texas Health Science Center - Houston	0	1	0	1
Public	University of Texas Health Science Ctr - San Antonio	0	0	0	2
Public	University of Texas MD Anderson Cancer Center	3	2	1	3
Public	University of Texas Medical Branch - Galveston	0	2	0	2
Public	University of Texas SW Medical Center - Dallas	5	2	4	3
Public	University of Utah	3	5	3	5
Public	University of Vermont	0	0	0	0
Public	University of Virginia	7	2	8	1
Public	University of Washington - Seattle	8	1	8	0
Public	University of Wisconsin - Madison	9	0	9	0
Public	University of Wyoming	0	0	0	0
Public	US Naval Postgraduate School	0	0	0	0
Public	Utah State University	0	0	0	0
Private	Vanderbilt University	7	2	8	1
Public	Virginia Commonwealth University	0	0	0	1
Public	Virginia Polytechnic Institute and State University	0	7	0	8
Private	Wake Forest University	1	6	0	7
Public	Washington State University - Pullman	0	3	1	3
Private	Washington University in St. Louis	9	0	9	0
Public	Wayne State University	0	4	0	4
Public	West Virginia University	0	0	0	1
Private	Woods Hole Oceanographic Institution	0	4	0	4
Private	Yale University	9	0	9	0
Private	Yeshiva University	2	5	2	5

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
1	3	1	1	1	2	2	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0
0	4	0	1	0	1	0	2
9	0	8	0	9	0	9	0
0	0	0	0	0	0	0	0
3	6	3	6	3	6	3	6
0	2	0	3	0	2	0	3
0	0	0	0	0	0	0	0
0	3	0	1	0	1	0	3
9	0	9	0	9	0	9	0
7	2	6	2	6	2	6	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
6	2	6	3	7	2	6	2
0	4	0	4	0	3	0	3
0	1	0	1	0	1	0	1
8	0	8	0	8	0	8	0
0	0	0	0	0	0	0	0
0	3	0	2	0	3	0	2
7	2	6	2	7	2	7	2
0	1	0	2	0	3	0	3
0	1	0	1	0	1	0	0
1	3	1	4	1	4	1	4
0	2	0	2	1	1	1	1
5	2	4	3	4	3	4	3
3	5	3	4	5	3	5	2
0	0	0	0	0	0	0	0
7	1	6	2	8	1	7	2
8	0	7	1	8	1	8	1
9	0	8	0	8	1	8	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
8	0	8	0	7	1	7	2
0	0	0	0	0	1	0	2
1	7	1	6	0	7	1	6
0	7	0	7	0	6	0	7
0	3	0	3	0	4	0	2
8	1	8	1	8	1	8	1
0	4	0	1	0	3	0	5
0	0	0	0	0	1	0	1
0	2	0	3	0	3	0	3
9	0	9	0	9	0	9	0
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 (a total of 195 institutions). In the case of faculty awards, we limit institutions to those with at least three faculty awards (a total of 202 institutions). Tables in this section include:

- **2003 Total Research Expenditures**
- **2003 Federal Research Expenditures**
- **2004 Endowment Assets**
- **2004 Annual Giving**
- **2004 National Academy Membership**

- **2004 Faculty Awards**
- **2004 Doctorates Granted**
- **2003 Postdoctoral Appointees**
- **2003 SAT Scores**

(Source: the Annual Survey of Colleges of the College Board and Data Base, 2003-2004. Copyright © 2004 College Entrance Examination Board. All rights reserved.)

- **2004 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, as well as the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

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

The Top 200 Institutions -Total Research Expenditures (2003)

Top 50 Institutions in Total Research Expenditures (2003)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	1,244,132	1	1	Private
University of California - Los Angeles	849,357	2	1	Public
University of Michigan - Ann Arbor	780,054	3	2	Public
University of Wisconsin - Madison	721,248	4	3	Public
University of Washington - Seattle	684,814	5	4	Public
University of California - San Francisco	671,443	6	5	Public
University of California - San Diego	646,508	7	6	Public
Stanford University	603,227	8	2	Private
University of Pennsylvania	564,716	9	3	Private
Duke University	520,191	10	4	Private
University of Minnesota - Twin Cities	508,557	11	7	Public
University of California - Berkeley	507,186	12	8	Public
Ohio State University - Columbus	496,438	13	9	Public
University of Illinois - Urbana-Champaign	493,581	14	10	Public
Massachusetts Institute of Technology	485,764	15	5	Private
University of California - Davis	482,145	16	11	Public
Pennsylvania State University - University Park	480,084	17	12	Public
Washington University in St. Louis	474,328	18	6	Private
Baylor College of Medicine	461,763	19	7	Private
Texas A&M University	456,235	20	13	Public
University of Arizona	454,941	21	14	Public
Columbia University	437,669	22	8	Private
University of Florida	429,734	23	15	Public
University of Southern California	414,099	24	9	Private
University of Pittsburgh - Pittsburgh	409,684	25	16	Public
Harvard University	408,707	26	10	Private
University of North Carolina - Chapel Hill	390,542	27	17	Public
Yale University	387,644	28	11	Private
Georgia Institute of Technology	364,190	29	18	Public
Cornell University	356,049	30	12	Private
University of Texas - Austin	343,854	31	19	Public
Emory University	323,224	32	13	Private
University of Maryland - College Park	321,899	33	20	Public
Michigan State University	321,410	34	21	Public
Northwestern University	319,722	35	14	Private
University of Texas MD Anderson Cancer Center	315,169	36	22	Public
Purdue University - West Lafayette	309,476	37	23	Public
University of Georgia	299,748	38	24	Public
University of Maryland - Baltimore	297,271	39	25	Public
University of Iowa	292,035	40	26	Public
University of Illinois - Chicago	291,507	41	27	Public
North Carolina State University	286,025	42	28	Public
University of Rochester	285,768	43	15	Private
University of Alabama - Birmingham	284,497	44	29	Public
University of Texas SW Medical Center - Dallas	276,692	45	30	Public
Vanderbilt University	276,074	46	31	Private
University of Kentucky	272,062	47	32	Public
University of Cincinnati - Cincinnati	255,083	48	33	Public
Case Western Reserve University	250,674	49	16	Private
Virginia Polytechnic Institute and State University	247,807	50	34	Public

The Top 200 Institutions -Total Research Expenditures (2003), continued

Top 51-100 Institutions in Total Research Expenditures (2003)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Chicago	247,322	51	17	Private
Rutgers the State University of NJ - New Brunswick	244,373	52	35	Public
New York University	241,593	53	18	Private
California Institute of Technology	240,664	54	19	Private
University at Buffalo	240,180	55	36	Public
University of California - Irvine	234,656	56	37	Public
Boston University	224,841	57	20	Private
University of Utah	223,739	58	38	Public
University of Colorado Health Sciences Center	218,381	59	39	Public
University of Tennessee - Knoxville	217,389	60	40	Public
Mount Sinai School of Medicine	214,514	61	21	Private
University of Colorado - Boulder	214,013	62	41	Public
Wayne State University	213,717	63	42	Public
University of South Florida	213,249	64	43	Public
Louisiana State University - Baton Rouge	206,677	65	44	Public
University of Virginia	206,199	66	45	Public
University of Missouri - Columbia	205,212	67	46	Public
Indiana University-Purdue University - Indianapolis	202,601	68	47	Public
Stony Brook University	200,330	69	48	Public
Iowa State University	199,566	70	49	Public
Oregon Health & Science University	197,178	71	50	Public
Rockefeller University	192,143	72	22	Private
University of Nebraska - Lincoln	191,009	73	51	Public
University of Medicine & Dentistry of New Jersey	190,763	74	52	Public
Colorado State University	187,054	75	53	Public
Carnegie Mellon University	186,351	76	23	Private
Princeton University	179,951	77	24	Private
University of Hawaii - Manoa	179,285	78	54	Public
University of Miami	177,709	79	25	Private
Yeshiva University	177,236	80	26	Private
Oregon State University	167,631	81	55	Public
Mississippi State University	165,922	82	56	Public
Washington State University - Pullman	165,196	83	57	Public
University of New Mexico - Albuquerque	158,239	84	58	Public
Dartmouth College	155,795	85	27	Private
University of Texas Medical Branch - Galveston	153,122	86	59	Public
Clemson University	152,986	87	60	Public
Florida State University	152,277	88	61	Public
Medical University of South Carolina	150,551	89	62	Public
University of Texas Health Science Center - Houston	149,294	90	63	Public
University of California - Santa Barbara	149,130	91	64	Public
University of Massachusetts Medical Sch - Worcester	148,823	92	65	Public
Cornell University Weill Medical College	148,573	93	28	Private
Arizona State University - Tempe	145,591	94	66	Public
Utah State University	138,862	95	67	Public
Indiana University - Bloomington	135,068	96	68	Public
University of Texas Health Science Ctr - San Antonio	133,304	97	69	Public
Wake Forest University	130,405	98	29	Private
University of Alaska - Fairbanks	128,916	99	70	Public
Virginia Commonwealth University	126,451	100	71	Public

The Top 200 Institutions -Total Research Expenditures (2003), *continued*

Top 101-150 Institutions in Total Research Expenditures (2003)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Brown University	125,090	101	30	Private
Auburn University	124,103	102	72	Public
University of South Carolina - Columbia	121,410	103	73	Public
University at Albany	120,655	104	74	Public
Tulane University	117,709	105	31	Private
University of Massachusetts - Amherst	113,512	106	75	Public
Kansas State University	112,733	107	76	Public
Tufts University	112,609	108	32	Private
University of California - Riverside	112,468	109	77	Public
Thomas Jefferson University	109,083	110	33	Private
New Mexico State University - Las Cruces	108,613	111	78	Public
Medical College of Wisconsin	108,608	112	34	Private
University of Oklahoma - Norman	106,424	113	79	Public
University of Kansas - Lawrence	105,816	114	80	Public
University of Vermont	104,994	115	81	Public
West Virginia University	104,748	116	82	Public
Woods Hole Oceanographic Institution	104,223	117	35	Private
Oklahoma State University - Stillwater	103,079	118	83	Public
University of Connecticut - Health Center	102,784	119	84	Public
University of Delaware	100,706	120	85	Public
Georgetown University	100,181	121	36	Private
University of New Hampshire - Durham	96,415	122	86	Public
George Washington University	92,454	123	37	Private
North Dakota State University	91,812	124	87	Public
Montana State University - Bozeman	91,503	125	88	Public
University of Central Florida	89,880	126	89	Public
Rush University	89,196	127	38	Private
University of Louisville	88,522	128	90	Public
University of Connecticut - Storrs	87,557	129	91	Public
University of Idaho	85,213	130	92	Public
University of Arkansas - Fayetteville	82,277	131	93	Public
Louisiana State University Health Sciences Center	81,807	132	94	Public
University of Nevada - Reno	80,553	133	95	Public
University of Nebraska Medical Center	79,057	134	96	Public
University of California - Santa Cruz	78,448	135	97	Public
New Jersey Institute of Technology	73,664	136	98	Public
Temple University	71,327	137	99	Public
Texas Tech University	69,714	138	100	Public
Drexel University	69,548	139	39	Private
University of Maine - Orono	68,923	140	101	Public
University of Oklahoma Health Sciences Center	68,042	141	102	Public
University of Kansas Medical Center	67,208	142	103	Public
San Diego State University	67,053	143	104	Public
University of Arkansas for Medical Sciences	63,677	144	105	Public
University of Houston - University Park	63,455	145	106	Public
University of Rhode Island	61,818	146	107	Public
US Naval Postgraduate School	61,025	147	108	Public
University of Wyoming	60,054	148	109	Public
University of Notre Dame	59,803	149	40	Private
Medical College of Georgia	56,398	150	110	Public

The Top 200 Institutions -Total Research Expenditures (2003), *continued*

Top 151-200 Institutions in Total Research Expenditures (2003)	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Texas A&M University System Health Sciences Center	55,031	151	111	Public
Pennsylvania State University - Hershey Medical Ctr	53,343	152	112	Public
Southern Illinois University - Carbondale	53,018	153	113	Public
University of Dayton	52,943	154	41	Private
Rice University	52,367	155	42	Private
Florida International University	52,175	156	114	Public
Brandeis University	50,841	157	43	Private
Rensselaer Polytechnic Institute	50,777	158	44	Private
Charles R. Drew University of Medicine and Science	49,888	159	45	Private
University of Mississippi - Oxford	49,861	160	115	Public
Syracuse University	48,846	161	46	Private
University of Alabama - Huntsville	46,595	162	116	Public
Georgia State University	45,653	163	117	Public
George Mason University	44,980	164	118	Public
University of Oregon	44,604	165	119	Public
College of William and Mary	43,974	166	120	Public
University of Louisiana - Lafayette	43,769	167	121	Public
University of Montana - Missoula	43,562	168	122	Public
Northeastern University	42,931	169	47	Private
University of Maryland - Baltimore County	42,906	170	123	Public
University of Nevada - Las Vegas	42,205	171	124	Public
University of North Dakota	41,803	172	125	Public
Saint Louis University - St. Louis	41,189	173	48	Private
University of Maryland Biotechnology Institute	39,789	174	126	Public
University of Memphis	38,728	175	127	Public
State Univ. of New York Health Science Ctr - Brooklyn	38,424	176	128	Public
University of Maryland Center for Environmental Science	38,344	177	129	Public
Loyola University Chicago	37,581	178	49	Private
Howard University	37,577	179	50	Private
Ohio University - Athens	37,527	180	130	Public
New Mexico Institute of Mining and Technology	37,186	181	131	Public
Alabama A&M University	36,856	182	132	Public
University of Missouri - Rolla	35,999	183	133	Public
University of Southern Mississippi	35,049	184	134	Public
Wright State University - Dayton	34,860	185	135	Public
University of Alabama - Tuscaloosa	34,187	186	136	Public
University of Mississippi Medical Center	33,517	187	137	Public
Eastern Virginia Medical School	32,801	188	51	Private
City University of New York - Hunter College	32,704	189	138	Public
Boston College	32,158	190	52	Private
Desert Research Institute	31,757	191	139	Public
University of Puerto Rico - Medical Sciences	31,124	192	140	Public
University of Missouri - Kansas City	31,104	193	141	Public
University of Texas - Dallas	30,748	194	142	Public
Uniformed Services University of the Health Sciences	30,604	195	143	Public
New York Medical College	30,492	196	53	Private
Old Dominion University	30,324	197	144	Public
Michigan Technological University	30,264	198	145	Public
Lehigh University	29,211	199	54	Private
Colorado School of Mines	29,162	200	146	Public

The Top 200 Institutions - Federal Research Expenditures (2003)

Top 50 Institutions in Federal Research Expenditures (2003)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	1,106,971	1	1	Private
University of Washington - Seattle	565,602	2	1	Public
University of Michigan - Ann Arbor	516,818	3	2	Public
Stanford University	483,540	4	2	Private
University of California - Los Angeles	421,174	5	3	Public
University of Pennsylvania	415,631	6	3	Private
University of California - San Diego	400,100	7	4	Public
University of Wisconsin - Madison	396,231	8	5	Public
Columbia University	385,529	9	4	Private
University of California - San Francisco	371,697	10	6	Public
Washington University in St. Louis	357,364	11	5	Private
Massachusetts Institute of Technology	356,206	12	6	Private
Harvard University	348,620	13	7	Private
University of Pittsburgh - Pittsburgh	345,625	14	7	Public
Duke University	306,864	15	8	Private
Baylor College of Medicine	302,764	16	9	Private
University of Southern California	300,195	17	10	Private
Yale University	296,713	18	11	Private
University of Minnesota - Twin Cities	293,266	19	8	Public
University of North Carolina - Chapel Hill	280,678	20	9	Public
Pennsylvania State University - University Park	270,985	21	10	Public
University of Illinois - Urbana-Champaign	266,487	22	11	Public
University of Arizona	259,074	23	12	Public
University of Alabama - Birmingham	245,217	24	13	Public
University of California - Berkeley	238,206	25	14	Public
University of Texas - Austin	231,996	26	15	Public
Emory University	228,255	27	12	Private
Vanderbilt University	221,979	28	16	Private
California Institute of Technology	219,097	29	13	Private
Cornell University	212,991	30	14	Private
University of California - Davis	208,327	31	17	Public
University of Rochester	208,148	32	15	Private
Case Western Reserve University	205,452	33	16	Private
Boston University	203,947	34	17	Private
Georgia Institute of Technology	203,582	35	18	Public
University of Chicago	201,129	36	18	Private
Northwestern University	200,316	37	19	Private
Ohio State University - Columbus	198,488	38	19	Public
University of Iowa	197,260	39	20	Public
University of Florida	194,958	40	21	Public
University of Colorado - Boulder	192,750	41	22	Public
University of Cincinnati - Cincinnati	185,261	42	23	Public
University of Maryland - College Park	183,206	43	24	Public
University of Colorado Health Sciences Center	181,412	44	25	Public
University of Texas SW Medical Center - Dallas	177,196	45	26	Public
Texas A&M University	177,119	46	27	Public
University of Virginia	173,442	47	28	Public
University of Illinois - Chicago	168,063	48	29	Public
New York University	166,033	49	20	Private
Oregon Health & Science University	164,221	50	30	Public

The Top 200 Institutions - Federal Research Expenditures (2003), *continued*

Top 51-100 Institutions in Federal Research Expenditures (2003)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Carnegie Mellon University	157,583	51	21	Private
Mount Sinai School of Medicine	152,719	52	22	Private
University of Utah	152,112	53	31	Public
University of Hawaii - Manoa	143,580	54	32	Public
University of California - Irvine	133,873	55	33	Public
Michigan State University	133,820	56	34	Public
University of Miami	130,863	57	23	Private
University at Buffalo	129,794	58	35	Public
Purdue University - West Lafayette	129,199	59	36	Public
Yeshiva University	128,894	60	24	Private
University of Maryland - Baltimore	126,156	61	37	Public
University of Texas MD Anderson Cancer Center	122,869	62	38	Public
University of Kentucky	120,003	63	39	Public
Colorado State University	117,151	64	40	Public
Stony Brook University	112,452	65	41	Public
University of Massachusetts Medical Sch - Worcester	109,082	66	42	Public
Wake Forest University	108,467	67	25	Private
Cornell University Weill Medical College	108,360	68	26	Private
University of Texas Health Science Center - Houston	107,481	69	43	Public
University of New Mexico - Albuquerque	106,541	70	44	Public
University of South Florida	106,102	71	45	Public
Dartmouth College	106,034	72	27	Private
University of Medicine & Dentistry of New Jersey	105,495	73	46	Public
Princeton University	104,011	74	28	Private
Wayne State University	102,963	75	47	Public
Oregon State University	100,499	76	48	Public
University of Tennessee - Knoxville	100,486	77	49	Public
Virginia Polytechnic Institute and State University	98,143	78	50	Public
North Carolina State University	96,157	79	51	Public
Utah State University	95,494	80	52	Public
Rutgers the State University of NJ - New Brunswick	94,393	81	53	Public
University of Georgia	93,884	82	54	Public
University of Texas Medical Branch - Galveston	93,039	83	55	Public
Medical University of South Carolina	92,893	84	56	Public
Indiana University-Purdue University - Indianapolis	92,175	85	57	Public
University of California - Santa Barbara	88,422	86	58	Public
Florida State University	87,985	87	59	Public
University of Texas Health Science Ctr - San Antonio	86,683	88	60	Public
Thomas Jefferson University	85,348	89	29	Private
Woods Hole Oceanographic Institution	84,410	90	30	Private
University of Missouri - Columbia	84,211	91	61	Public
Georgetown University	83,745	92	31	Private
Medical College of Wisconsin	83,026	93	32	Private
Iowa State University	82,297	94	62	Public
Tulane University	82,118	95	33	Private
Brown University	81,445	96	34	Private
Virginia Commonwealth University	81,201	97	63	Public
Mississippi State University	79,837	98	64	Public
Tufts University	78,942	99	35	Private
University at Albany	76,038	100	65	Public

The Top 200 Institutions - Federal Research Expenditures (2003), *continued*

Top 101-150 Institutions in Federal Research Expenditures (2003)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
New Mexico State University - Las Cruces	75,368	101	66	Public
Rockefeller University	75,303	102	36	Private
University of Alaska - Fairbanks	72,607	103	67	Public
Arizona State University - Tempe	71,741	104	68	Public
University of Vermont	70,832	105	69	Public
University of Delaware	69,493	106	70	Public
George Washington University	68,959	107	37	Private
Washington State University - Pullman	63,800	108	71	Public
University of South Carolina - Columbia	63,044	109	72	Public
Clemson University	62,552	110	73	Public
Indiana University - Bloomington	61,450	111	74	Public
University of Massachusetts - Amherst	60,839	112	75	Public
West Virginia University	60,586	113	76	Public
University of Nebraska - Lincoln	60,005	114	77	Public
University of New Hampshire - Durham	59,463	115	78	Public
US Naval Postgraduate School	58,463	116	79	Public
University of Connecticut - Health Center	58,060	117	80	Public
University of Connecticut - Storrs	53,593	118	81	Public
Kansas State University	53,313	119	82	Public
Montana State University - Bozeman	53,283	120	83	Public
University of Kansas - Lawrence	53,072	121	84	Public
University of Rhode Island	51,942	122	85	Public
Temple University	51,309	123	86	Public
Rush University	49,834	124	38	Private
Drexel University	49,271	125	39	Private
Louisiana State University - Baton Rouge	48,656	126	87	Public
University of Nevada - Reno	47,756	127	88	Public
University of Central Florida	47,749	128	89	Public
University of Dayton	47,327	129	40	Private
Auburn University	45,374	130	90	Public
Rice University	43,706	131	41	Private
University of Idaho	42,861	132	91	Public
University of Arkansas for Medical Sciences	41,681	133	92	Public
University of Notre Dame	41,220	134	42	Private
Florida International University	40,860	135	93	Public
University of Mississippi - Oxford	40,577	136	94	Public
University of California - Riverside	40,409	137	95	Public
University of Louisville	39,924	138	96	Public
Charles R. Drew University of Medicine and Science	39,407	139	43	Private
University of Oklahoma Health Sciences Center	39,165	140	97	Public
George Mason University	38,510	141	98	Public
University of California - Santa Cruz	38,213	142	99	Public
North Dakota State University	37,940	143	100	Public
University of Kansas Medical Center	37,804	144	101	Public
Oklahoma State University - Stillwater	37,748	145	102	Public
Saint Louis University - St. Louis	36,989	146	44	Private
University of Oklahoma - Norman	36,153	147	103	Public
Howard University	36,137	148	45	Private
University of Oregon	36,127	149	104	Public
Louisiana State University Health Sciences Center	35,908	150	105	Public

The Top 200 Institutions - Federal Research Expenditures (2003), *continued*

Top 151-200 Institutions in Federal Research Expenditures (2003)	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
University of Alabama - Huntsville	35,558	151	106	Public
Syracuse University	34,559	152	46	Private
University of Maryland - Baltimore County	34,164	153	107	Public
Brandeis University	33,722	154	47	Private
University of Nebraska Medical Center	33,433	155	108	Public
University of Houston - University Park	32,556	156	109	Public
University of Nevada - Las Vegas	32,511	157	110	Public
Rensselaer Polytechnic Institute	32,295	158	48	Private
University of Southern Mississippi	31,653	159	111	Public
New Jersey Institute of Technology	30,535	160	112	Public
Alabama A&M University	30,343	161	113	Public
Pennsylvania State University - Hershey Medical Ctr	30,109	162	114	Public
State Univ. of New York Health Science Ctr - Brooklyn	29,127	163	115	Public
University of Maine - Orono	28,901	164	116	Public
University of North Dakota	28,336	165	117	Public
Medical College of Georgia	28,280	166	118	Public
Loyola University Chicago	28,107	167	49	Private
San Diego State University	28,084	168	119	Public
University of Montana - Missoula	27,220	169	120	Public
University of Arkansas - Fayetteville	27,071	170	121	Public
Northeastern University	26,895	171	50	Private
Texas A&M University System Health Sciences Center	26,729	172	122	Public
University of Alabama - Tuscaloosa	26,241	173	123	Public
University of Puerto Rico - Medical Sciences	25,845	174	124	Public
Jackson State University	25,607	175	125	Public
Morehouse School of Medicine	24,382	176	51	Private
Meharry Medical College	24,195	177	52	Private
New York Medical College	23,387	178	53	Private
Desert Research Institute	23,265	179	126	Public
University of Wyoming	23,186	180	127	Public
Texas Tech University	23,165	181	128	Public
Boston College	22,907	182	54	Private
Loma Linda University	22,675	183	55	Private
Georgia State University	22,218	184	129	Public
College of William and Mary	21,992	185	130	Public
University of Mississippi Medical Center	21,563	186	131	Public
Ohio University - Athens	20,406	187	132	Public
San Jose State University	18,935	188	133	Public
Old Dominion University	18,882	189	134	Public
Catholic University of America	18,864	190	56	Private
Wright State University - Dayton	18,733	191	135	Public
Hampton University	18,417	192	57	Private
Florida A&M University	18,273	193	136	Public
University of Missouri - Rolla	18,142	194	137	Public
University of Texas - El Paso	18,116	195	138	Public
University of Maryland Biotechnology Institute	17,922	196	139	Public
Michigan Technological University	17,667	197	140	Public
University of South Alabama - Mobile	17,638	198	141	Public
Florida Atlantic University	17,517	199	142	Public
City University of New York - Hunter College	17,047	200	143	Public

The Top 200 Institutions - Endowment Assets (2004)

Top 50 Institutions in Endowment Assets (2004)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	22,143,649	1	1	Private
Yale University	12,747,150	2	2	Private
Princeton University	9,928,200	3	3	Private
Stanford University	9,922,000	4	4	Private
Massachusetts Institute of Technology	5,865,212	5	5	Private
Emory University	4,535,587	6	6	Private
Columbia University	4,493,085	7	7	Private
University of Michigan - Ann Arbor	4,163,382	8	1	Public
Texas A&M University	4,023,641	9	2	Public
University of Pennsylvania	4,018,660	10	8	Private
Washington University in St. Louis	4,000,823	11	9	Private
Northwestern University	3,668,405	12	10	Private
University of Chicago	3,620,728	13	11	Private
Duke University	3,313,859	14	12	Private
Rice University	3,302,455	15	13	Private
University of Notre Dame	3,095,703	16	14	Private
University of Virginia	2,793,225	17	3	Public
Cornell University	2,654,312	18	15	Private
Dartmouth College	2,454,293	19	16	Private
University of Southern California	2,399,960	20	17	Private
Vanderbilt University	2,296,262	21	18	Private
Johns Hopkins University	2,055,542	22	19	Private
University of Texas - Austin	2,038,938	23	4	Public
University of California - Berkeley	2,037,297	24	5	Public
University of Minnesota - Twin Cities	1,730,063	25	6	Public
Brown University	1,647,295	26	20	Private
Ohio State University - Columbus	1,541,175	27	7	Public
New York University	1,449,500	28	21	Private
Case Western Reserve University	1,441,819	29	22	Private
Rockefeller University	1,394,736	30	23	Private
University of Pittsburgh - Pittsburgh	1,364,882	31	8	Public
University of North Carolina - Chapel Hill	1,317,211	32	9	Public
University of Washington - Seattle	1,315,894	33	10	Public
Grinnell College	1,291,781	34	24	Private
University of Rochester	1,261,562	35	25	Private
California Institute of Technology	1,261,122	36	26	Private
Williams College	1,229,516	37	27	Private
Purdue University - West Lafayette	1,207,131	38	11	Public
Wellesley College	1,179,988	39	28	Private
Boston College	1,150,148	40	29	Private
Pomona College	1,149,720	41	30	Private
Georgia Institute of Technology	1,117,634	42	12	Public
University of Richmond	1,103,465	43	31	Private
Swarthmore College	1,080,026	44	32	Private
University of Wisconsin - Madison	1,046,722	45	13	Public
Yeshiva University	1,003,024	46	33	Private
University of Delaware	995,889	47	14	Public
Amherst College	993,417	48	34	Private
University of Cincinnati - Cincinnati	987,785	49	15	Public
Baylor College of Medicine	972,351	50	35	Private

The Top 200 Institutions - Endowment Assets (2004), *continued*

Top 51-100 Institutions in Endowment Assets (2004)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Smith College	924,464	51	36	Private
Southern Methodist University	914,527	52	37	Private
Texas Christian University	868,907	53	38	Private
Wake Forest University	812,192	54	39	Private
University of Texas SW Medical Center - Dallas	804,305	55	16	Public
Lehigh University	796,946	56	40	Private
Berea College	794,963	57	41	Private
Pennsylvania State University - University Park	779,174	58	17	Public
Syracuse University	770,167	59	42	Private
Carnegie Mellon University	768,990	60	43	Private
Tufts University	752,428	61	44	Private
Michigan State University	749,365	62	18	Public
University of Florida	738,299	63	19	Public
University of Iowa	737,704	64	20	Public
George Washington University	733,801	65	45	Private
University of Illinois - Urbana-Champaign	730,135	66	21	Public
Saint Louis University - St. Louis	702,064	67	46	Private
University of Tulsa	701,948	68	47	Private
Boston University	694,051	69	48	Private
Tulane University	692,665	70	49	Private
Georgetown University	680,611	71	50	Private
Trinity University	673,572	72	51	Private
Baylor University	672,341	73	52	Private
Middlebury College	664,781	74	53	Private
University of Kansas - Lawrence	662,419	75	22	Public
University of Nebraska - Lincoln	623,910	76	23	Public
Vassar College	608,261	77	54	Private
Oberlin College	593,742	78	55	Private
University of California - Los Angeles	586,839	79	24	Public
Cornell University Weill Medical College	584,038	80	56	Private
Berry College	581,725	81	57	Private
University of Missouri - Columbia	570,866	82	25	Public
Rensselaer Polytechnic Institute	570,175	83	58	Private
University of Arkansas - Fayetteville	566,544	84	26	Public
University of Louisville	554,840	85	27	Public
Lafayette College	544,317	86	59	Private
Indiana University - Bloomington	526,608	87	28	Public
Wesleyan University	517,631	88	60	Private
Washington State University - Pullman	515,571	89	29	Public
Bowdoin College	514,243	90	61	Private
Carleton College	511,200	91	62	Private
University of Tennessee - Knoxville	506,225	92	30	Public
Northeastern University	498,481	93	63	Private
University of Kentucky	488,827	94	31	Public
Macalester College	487,010	95	64	Private
Hamilton College (NY)	486,477	96	65	Private
Indiana University-Purdue University - Indianapolis	486,099	97	32	Public
Bryn Mawr College	478,452	98	66	Private
Washington and Lee University	477,504	99	67	Private
University of Georgia	474,596	100	33	Public

The Top 200 Institutions - Endowment Assets (2004), *continued*

Top 101-150 Institutions in Endowment Assets (2004)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Rochester Institute of Technology	472,363	101	68	Private
University of Miami	472,262	102	69	Private
Brandeis University	467,727	103	70	Private
Principia College	463,893	104	71	Private
Colgate University	463,436	105	72	Private
Santa Clara University	449,543	106	73	Private
Denison University	441,365	107	74	Private
University of Oklahoma - Norman	435,649	108	34	Public
Pepperdine University	434,457	109	75	Private
Bucknell University	429,402	110	76	Private
University at Buffalo	428,072	111	35	Public
Drexel University	424,346	112	77	Private
Colorado College	423,569	113	78	Private
College of the Holy Cross	419,222	114	79	Private
Rutgers the State University of NJ - New Brunswick	413,898	115	36	Public
Florida State University	412,020	116	37	Public
DePauw University	410,001	117	80	Private
College of William and Mary	409,872	118	38	Public
Iowa State University	400,621	119	39	Public
Mount Holyoke College	397,464	120	81	Private
University of Utah	394,461	121	40	Public
University of Alabama - Tuscaloosa	391,552	122	41	Public
Furman University	384,540	123	82	Private
Medical College of Wisconsin	372,535	124	83	Private
Howard University	371,160	125	84	Private
Virginia Polytechnic Institute and State University	370,811	126	42	Public
Trinity College (CT)	363,654	127	85	Private
University of Texas MD Anderson Cancer Center	357,890	128	43	Public
Colby College	357,171	129	86	Private
University of Texas Medical Branch - Galveston	352,268	130	44	Public
Earlham College	349,946	131	87	Private
Haverford College	348,522	132	88	Private
University of Arizona	348,343	133	45	Public
Rush University	340,186	134	89	Private
Reed College	335,265	135	90	Private
Davidson College	333,224	136	91	Private
University of South Carolina - Columbia	329,791	137	46	Public
North Carolina State University	324,189	138	47	Public
Wabash College	316,377	139	92	Private
Claremont McKenna College	315,771	140	93	Private
Franklin W Olin College of Engineering	312,003	141	94	Private
University of California - San Francisco	310,519	142	48	Public
University of Houston - University Park	309,944	143	49	Public
University of Mississippi - Oxford	308,888	144	50	Public
University of Dayton	304,670	145	95	Private
Loyola University New Orleans	304,244	146	96	Private
West Virginia University	303,532	147	51	Public
Agnes Scott College	300,363	148	97	Private
University of Maryland - College Park	295,816	149	52	Public
Whitman College	295,764	150	98	Private

The Top 200 Institutions - Endowment Assets (2004), *continued*

Top 151-200 Institutions in Endowment Assets (2004)	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Oregon Health & Science University	287,014	151	53	Public
Bryn Athyn College of the New Church	286,954	152	99	Private
University of Alabama - Birmingham	285,274	153	54	Public
Franklin & Marshall College	283,536	154	100	Private
Worcester Polytechnic Institute	281,582	155	101	Private
University of Texas Health Science Ctr - San Antonio	278,385	156	55	Public
Southwestern University	278,075	157	102	Private
Oregon State University	277,670	158	56	Public
College of the Ozarks	277,638	159	103	Private
Virginia Military Institute	271,889	160	57	Public
Fordham University	271,435	161	104	Private
Wheaton College (IL)	271,110	162	105	Private
University of South Florida	270,906	163	58	Public
Union College (NY)	270,181	164	106	Private
Auburn University	269,029	165	59	Public
University of Oregon	267,903	166	60	Public
University of South Alabama - Mobile	265,603	167	61	Public
University of St. Thomas (MN)	264,969	168	107	Private
Clemson University	264,868	169	62	Public
Occidental College	258,006	170	108	Private
Louisiana State University - Baton Rouge	257,804	171	63	Public
Rhode Island School of Design	253,206	172	109	Private
Regent University	252,153	173	110	Private
Miami University - Oxford	250,534	174	64	Public
Loyola Marymount University	250,451	175	111	Private
University of Colorado - Boulder	249,897	176	65	Public
Arizona State University - Tempe	247,892	177	66	Public
Texas Tech University	247,335	178	67	Public
Marquette University	245,950	179	112	Private
Spelman College	244,079	180	113	Private
University of the South	239,879	181	114	Private
Samford University	236,923	182	115	Private
St. John's University (NY)	236,313	183	116	Private
DePaul University	230,461	184	117	Private
University of New Mexico - Albuquerque	228,680	185	68	Public
Loyola University Chicago	228,130	186	118	Private
Illinois Institute of Technology	225,596	187	119	Private
University of Vermont	224,259	188	69	Public
Virginia Commonwealth University	219,530	189	70	Public
Drew University	218,818	190	120	Private
Creighton University	216,379	191	121	Private
American University	215,268	192	122	Private
National University	213,137	193	123	Private
Rhodes College (TN)	211,811	194	124	Private
Rollins College	211,543	195	125	Private
Villanova University	207,198	196	126	Private
Kansas State University	206,095	197	71	Public
Truckee Meadows Community College	204,566	198	72	Public
Gettysburg College	203,067	199	127	Private
Willamette University	199,629	200	128	Private

The Top 200 Institutions - Annual Giving (2004)

Top 50 Institutions in Annual Giving (2004)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	582,584	1	1	Private
Stanford University	524,539	2	2	Private
University of Southern California	354,481	3	3	Private
University of Pennsylvania	336,989	4	4	Private
Johns Hopkins University	315,663	5	5	Private
Massachusetts Institute of Technology	294,671	6	6	Private
Columbia University	292,977	7	7	Private
Cornell University	270,155	8	8	Private
Duke University	269,012	9	9	Private
Yale University	268,120	10	10	Private
University of Texas - Austin	264,935	11	1	Public
University of California - Los Angeles	263,691	12	2	Public
University of Wisconsin - Madison	262,826	13	3	Public
University of Minnesota - Twin Cities	249,782	14	4	Public
University of California - San Francisco	217,647	15	5	Public
New York University	215,835	16	11	Private
University of Michigan - Ann Arbor	211,610	17	6	Public
Ohio State University - Columbus	206,078	18	7	Public
University of Washington - Seattle	198,013	19	8	Public
University of North Carolina - Chapel Hill	190,220	20	9	Public
University of California - Berkeley	182,323	21	10	Public
University of Notre Dame	173,686	22	12	Private
University of Virginia	168,310	23	11	Public
Purdue University - West Lafayette	163,727	24	12	Public
University of Chicago	161,603	25	13	Private
University of Utah	139,271	26	13	Public
North Carolina State University	138,487	27	14	Public
Northwestern University	137,606	28	14	Private
University of Texas SW Medical Center - Dallas	134,434	29	15	Public
Emory University	134,322	30	15	Private
University of Florida	133,359	31	16	Public
Princeton University	126,482	32	16	Private
Mayo	126,018	33	17	Private
University of Miami	125,715	34	18	Private
University of Illinois - Urbana-Champaign	125,697	35	17	Public
University of Tennessee - Knoxville	125,135	36	18	Public
Washington University in St. Louis	124,201	37	19	Private
Vanderbilt University	122,551	38	20	Private
Dartmouth College	118,644	39	21	Private
Cornell University Weill Medical College	115,781	40	22	Private
University of California - San Diego	112,237	41	19	Public
Michigan State University	110,785	42	20	Public
Georgetown University	108,545	43	23	Private
California Institute of Technology	108,446	44	24	Private
Pennsylvania State University - University Park	107,400	45	21	Public
Texas A&M University	106,732	46	22	Public
University of Arizona	101,824	47	23	Public
University of Texas MD Anderson Cancer Center	99,373	48	24	Public
University at Albany	96,397	49	25	Public
University of Pittsburgh - Pittsburgh	95,457	50	26	Public

The Top 200 Institutions - Annual Giving (2004), *continued*

Top 51-100 Institutions in Annual Giving (2004)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Brown University	94,654	51	25	Private
Boston University	90,239	52	26	Private
Oregon Health & Science University	87,100	53	27	Public
University of Iowa	86,582	54	28	Public
University of Arkansas - Fayetteville	83,366	55	29	Public
University of California - Davis	82,344	56	30	Public
University of Maryland - College Park	81,669	57	31	Public
Baylor College of Medicine	80,906	58	27	Private
Brigham Young University - Provo	80,248	59	28	Private
University of Oklahoma - Norman	78,685	60	32	Public
University of California - Santa Barbara	76,131	61	33	Public
Arizona State University - Tempe	73,542	62	34	Public
University of Kansas - Lawrence	73,020	63	35	Public
University of Missouri - Columbia	71,496	64	36	Public
Case Western Reserve University	69,393	65	29	Private
Virginia Polytechnic Institute and State University	67,037	66	37	Public
Boston College	64,344	67	30	Private
Rollins College	64,335	68	31	Private
Georgia Institute of Technology	64,283	69	38	Public
University of Nebraska - Lincoln	64,195	70	39	Public
Brandeis University	64,012	71	32	Private
Rutgers the State University of NJ - New Brunswick	63,245	72	40	Public
University of Alabama - Birmingham	62,314	73	41	Public
Rockefeller University	61,713	74	33	Private
University of Georgia	61,549	75	42	Public
Tulane University	61,299	76	34	Private
Wellesley College	59,743	77	35	Private
University of Kentucky	59,435	78	43	Public
Indiana University - Bloomington	59,134	79	44	Public
University of Rochester	58,550	80	36	Private
Indiana University-Purdue University - Indianapolis	58,136	81	45	Public
Carnegie Mellon University	57,889	82	37	Private
Syracuse University	57,763	83	38	Private
University of San Diego	57,687	84	39	Private
Mississippi State University	57,320	85	46	Public
Rice University	57,219	86	40	Private
Wake Forest University	56,701	87	41	Private
Kansas State University	54,202	88	47	Public
Iowa State University	53,981	89	48	Public
University of California - Irvine	52,347	90	49	Public
Oregon State University	51,927	91	50	Public
University of Cincinnati - Cincinnati	51,384	92	51	Public
Auburn University	50,942	93	52	Public
Smith College	50,048	94	42	Private
San Diego State University	50,025	95	53	Public
Ball State University	49,368	96	54	Public
West Virginia University	48,631	97	55	Public
Williams College	48,177	98	43	Private
Southern Methodist University	47,769	99	44	Private
George Washington University	47,218	100	45	Private

The Top 200 Institutions - Annual Giving (2004), *continued*

Top 101-150 Institutions in Annual Giving (2004)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Oregon	46,845	101	56	Public
Colorado State University	46,719	102	57	Public
University of Texas Medical Branch - Galveston	46,393	103	58	Public
Florida State University	45,650	104	59	Public
University of Delaware	44,635	105	60	Public
University of South Carolina - Columbia	44,368	106	61	Public
University of Alabama - Tuscaloosa	43,254	107	62	Public
University of St. Thomas (MN)	43,012	108	46	Private
Texas Tech University	42,076	109	63	Public
University of South Florida	41,939	110	64	Public
University of Maryland - Baltimore	41,609	111	65	Public
Rensselaer Polytechnic Institute	41,079	112	47	Private
Oklahoma State University - Stillwater	41,028	113	66	Public
Washington State University - Pullman	40,700	114	67	Public
University of Illinois - Chicago	40,153	115	68	Public
University of New Mexico - Albuquerque	39,831	116	69	Public
University of Mississippi - Oxford	39,462	117	70	Public
Drexel University	38,451	118	48	Private
Lehigh University	38,362	119	49	Private
Middlebury College	37,996	120	50	Private
University of Louisville	37,692	121	71	Public
Baylor University	37,423	122	51	Private
University of Colorado Health Sciences Center	37,319	123	72	Public
Clemson University	36,615	124	73	Public
University of Connecticut - Storrs	35,840	125	74	Public
University of Texas Health Science Center - Houston	35,031	126	75	Public
University of Nebraska Medical Center	35,016	127	76	Public
College of William and Mary	34,977	128	77	Public
University of Colorado - Boulder	34,716	129	78	Public
Davidson College	34,677	130	52	Private
Tufts University	34,674	131	53	Private
University of Texas Health Science Ctr - San Antonio	33,977	132	79	Public
Virginia Commonwealth University	33,828	133	80	Public
Amherst College	33,268	134	54	Private
Saint Louis University - St. Louis	32,472	135	55	Private
University of Nevada - Reno	32,319	136	81	Public
University of Maine - Orono	31,456	137	82	Public
Vassar College	31,216	138	56	Private
University of Houston - University Park	31,160	139	83	Public
Santa Clara University	31,029	140	57	Private
Mount Holyoke College	30,096	141	58	Private
Temple University	29,891	142	84	Public
University of Wyoming	29,888	143	85	Public
Wesleyan University	29,502	144	59	Private
University of Nevada - Las Vegas	29,058	145	86	Public
California State University - Northridge	28,822	146	87	Public
Saint Meinrad College and School of Theology	28,822	146	60	Private
Washington and Lee University	28,701	148	61	Private
California Polytechnic State Univ - San Luis Obispo	28,151	149	88	Public
DePauw University	27,909	150	62	Private

The Top 200 Institutions - Annual Giving (2004), *continued*

Top 151-200 Institutions in Annual Giving (2004)	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Vermont	27,799	151	89	Public
Gettysburg College	27,669	152	63	Private
University of Denver	27,655	153	64	Private
Valparaiso University	27,538	154	65	Private
Berea College	27,406	155	66	Private
Pennsylvania State University - Hershey Medical Ctr	27,228	156	90	Public
Wheaton College (MA)	26,952	157	67	Private
University of Missouri - Kansas City	26,291	158	91	Public
Bowdoin College	26,000	159	68	Private
University of Massachusetts - Amherst	25,330	160	92	Public
Chapman University	24,893	161	69	Private
Birmingham-Southern College	24,716	162	70	Private
Hope College	24,305	163	71	Private
Western Michigan University	24,091	164	93	Public
University of Dayton	23,969	165	72	Private
University at Buffalo	23,331	166	94	Public
Loyola Marymount University	23,323	167	73	Private
Northeastern University	23,119	168	74	Private
Old Dominion University	22,939	169	95	Public
Stony Brook University	22,586	170	96	Public
Bryn Mawr College	22,441	171	75	Private
Creighton University	22,429	172	76	Private
Swarthmore College	22,314	173	77	Private
Villanova University	22,261	174	78	Private
Colgate University	22,149	175	79	Private
Wabash College	22,031	176	80	Private
Columbus State University	21,901	177	97	Public
University of Medicine & Dentistry of New Jersey	21,600	178	98	Public
University of Arkansas - Little Rock	21,468	179	99	Public
New Mexico State University - Las Cruces	21,415	180	100	Public
Butler University	21,307	181	81	Private
Claremont McKenna College	21,301	182	82	Private
California State University - Long Beach	21,191	183	101	Public
Bucknell University	21,163	184	83	Private
University of the Pacific	20,882	185	84	Private
Carleton College	20,820	186	85	Private
University of San Francisco	20,669	187	86	Private
Loyola University Chicago	20,542	188	87	Private
Miami University - Oxford	20,328	189	102	Public
University of Idaho	20,088	190	103	Public
Texas Christian University	19,920	191	88	Private
Centre College	19,845	192	89	Private
College of the Holy Cross	19,711	193	90	Private
University of Oklahoma Health Sciences Center	19,671	194	104	Public
Medical University of South Carolina	19,597	195	105	Public
Kent State University - Kent	19,569	196	106	Public
University of Missouri - Rolla	19,438	197	107	Public
Barnard College	19,326	198	91	Private
University of Hawaii - Manoa	19,212	199	108	Public
Loma Linda University	18,897	200	92	Private

The Top 200 Institutions - National Academy Membership (2004)

Top 51 Institutions in National Academy Membership (2004)	Number of Members	National Rank	Control Rank	Institutional Control
Harvard University	267	1	1	Private
Stanford University	253	2	2	Private
Massachusetts Institute of Technology	238	3	3	Private
University of California - Berkeley	209	4	1	Public
University of California - San Diego	101	5	2	Public
Yale University	101	5	4	Private
California Institute of Technology	99	7	5	Private
University of California - San Francisco	92	8	3	Public
Columbia University	91	9	6	Private
Princeton University	90	10	7	Private
University of Pennsylvania	85	11	8	Private
University of Washington - Seattle	78	12	4	Public
University of Michigan - Ann Arbor	77	13	5	Public
University of Wisconsin - Madison	71	14	6	Public
Johns Hopkins University	69	15	9	Private
University of California - Los Angeles	66	16	7	Public
Cornell University	64	17	10	Private
University of Texas - Austin	53	18	8	Public
University of Illinois - Urbana-Champaign	52	19	9	Public
University of Chicago	51	20	11	Private
Duke University	48	21	12	Private
Rockefeller University	45	22	13	Private
Washington University in St. Louis	44	23	14	Private
University of Southern California	40	24	15	Private
Northwestern University	38	25	16	Private
University of Minnesota - Twin Cities	37	26	10	Public
University of North Carolina - Chapel Hill	36	27	11	Public
New York University	33	28	17	Private
University of California - Davis	33	28	12	Public
Georgia Institute of Technology	30	30	13	Public
Rutgers the State University of NJ - New Brunswick	30	30	13	Public
University of Arizona	29	32	15	Public
University of California - Irvine	29	32	15	Public
University of California - Santa Cruz	29	32	15	Public
University of Texas SW Medical Center - Dallas	29	32	15	Public
University of Colorado - Boulder	28	36	19	Public
Pennsylvania State University - University Park	27	37	20	Public
University of Virginia	25	38	21	Public
University of California - Santa Barbara	24	39	22	Public
University of Maryland - College Park	24	39	22	Public
University of Rochester	24	39	18	Private
Carnegie Mellon University	23	42	19	Private
Scripps Research Institute	23	42	19	Private
University of Pittsburgh - Pittsburgh	22	44	24	Public
Case Western Reserve University	20	45	21	Private
Texas A&M University	20	45	25	Public
University of Iowa	20	45	25	Public
University of Utah	20	45	25	Public
North Carolina State University	18	49	28	Public
Ohio State University - Columbus	18	49	28	Public
Emory University	17	51	22	Private
University of Florida	17	51	30	Public
Vanderbilt University	17	51	22	Private

The Top 200 Institutions - National Academy Membership (2004), continued

Institutions with 5 to 16 National Academy Members (2004)	Number of Members	National Rank	Control Rank	Institutional Control
Brown University	16	54	24	Private
Rice University	16	54	24	Private
Baylor College of Medicine	15	56	26	Private
Boston University	14	57	27	Private
Purdue University - West Lafayette	14	57	31	Public
Rensselaer Polytechnic Institute	14	57	27	Private
Stony Brook University	14	57	31	Public
Brandeis University	13	61	29	Private
Mount Sinai School of Medicine	12	62	30	Private
Virginia Polytechnic Institute and State University	12	62	33	Public
City University of New York - City College	11	64	34	Public
Cornell University Weill Medical College	11	64	31	Private
Dartmouth College	11	64	31	Private
Iowa State University	11	64	34	Public
Lehigh University	11	64	31	Private
University of Colorado Health Sciences Center	11	64	34	Public
University of Houston - University Park	11	64	34	Public
Indiana University - Bloomington	10	71	38	Public
University of Georgia	10	71	38	Public
Michigan State University	9	73	40	Public
University of Maryland - Baltimore	9	73	40	Public
Yeshiva University	9	73	34	Private
University of Delaware	8	76	42	Public
Washington State University - Pullman	8	76	42	Public
Arizona State University - Tempe	7	78	44	Public
Colorado State University	7	78	44	Public
Indiana University-Purdue University - Indianapolis	7	78	44	Public
University of Alabama - Birmingham	7	78	44	Public
University of Massachusetts - Amherst	7	78	44	Public
Georgetown University	6	83	35	Private
Howard University	6	83	35	Private
Thomas Jefferson University	6	83	35	Private
University of Cincinnati - Cincinnati	6	83	49	Public
University of Hawaii - Manoa	6	83	49	Public
University of Illinois - Chicago	6	83	49	Public
University of Oregon	6	83	49	Public
Drexel University	5	90	38	Private
Oregon State University	5	90	53	Public
Tufts University	5	90	38	Private
University at Buffalo	5	90	53	Public
University of Kansas - Lawrence	5	90	53	Public
University of Missouri - Columbia	5	90	53	Public
University of Texas Health Science Center - Houston	5	90	53	Public

The Top 200 Institutions - National Academy Membership (2004), *continued*

Institutions with 1 to 4 National Academy Members (2004)	Number of Members	National Rank	Control Rank	Institutional Control
Colorado School of Mines	4	97	58	Public
Florida State University	4	97	58	Public
Illinois Institute of Technology	4	97	40	Private
Morehouse School of Medicine	4	97	40	Private
Oregon Health & Science University	4	97	58	Public
Polytechnic University	4	97	40	Private
Wayne State University	4	97	58	Public
Woods Hole Oceanographic Institution	4	97	40	Private
George Mason University	3	105	62	Public
George Washington University	3	105	44	Private
Oklahoma State University - Stillwater	3	105	62	Public
Pennsylvania State University - Hershey Medical Ctr	3	105	62	Public
Syracuse University	3	105	44	Private
Tulane University	3	105	44	Private
University of California - Riverside	3	105	62	Public
University of Connecticut - Health Center	3	105	62	Public
University of Kentucky	3	105	62	Public
University of Nebraska - Lincoln	3	105	62	Public
University of New Mexico - Albuquerque	3	105	62	Public
University of Texas - Dallas	3	105	62	Public
Boston College	2	117	47	Private
Bowdoin College	2	117	47	Private
Clark University	2	117	47	Private
Drew University	2	117	47	Private
Florida Atlantic University	2	117	71	Public
Medical University of South Carolina	2	117	71	Public
Meharry Medical College	2	117	47	Private
Rush University	2	117	47	Private
Southern Methodist University	2	117	47	Private
University of Akron - Akron	2	117	71	Public
University of Arkansas - Fayetteville	2	117	71	Public
University of Connecticut - Storrs	2	117	71	Public
University of Denver	2	117	71	Private
University of Massachusetts - Boston	2	117	71	Public
University of Massachusetts Medical Sch - Worcester	2	117	71	Public
University of Miami	2	117	47	Private
University of Nevada - Reno	2	117	71	Public
University of Notre Dame	2	117	47	Private
University of Oklahoma - Norman	2	117	71	Public
University of South Carolina - Columbia	2	117	71	Public
University of Tennessee - Knoxville	2	117	71	Public
University of Texas Medical Branch - Galveston	2	117	71	Public
University of Tulsa	2	117	47	Private
University of Vermont	2	117	71	Public
University of Wyoming	2	117	71	Public
Virginia Commonwealth University	2	117	71	Public
Wake Forest University	2	117	47	Private
Binghamton University	1	144	88	Public
Butler University	1	144	58	Private
California State University - Fullerton	1	144	88	Public
Catholic University of America	1	144	58	Private
Charles R. Drew University of Medicine and Science	1	144	58	Private

The Top 200 Institutions - National Academy Membership (2004), *continued*

Institutions with at least 1 National Academy Member (2004)	Number of Members	National Rank	Control Rank	Institutional Control
City University of NY - Graduate Sch and University Ctr	1	144	88	Public
Clark Atlanta University	1	144	58	Private
Clemson University	1	144	88	Public
Duquesne University	1	144	58	Private
Florida International University	1	144	88	Public
Fordham University	1	144	58	Private
Haverford College	1	144	58	Private
Kettering University	1	144	58	Private
Louisiana State University - Baton Rouge	1	144	88	Public
Manhattan College	1	144	58	Private
Manhattanville College	1	144	58	Private
Marshall University	1	144	88	Public
Medical College of Wisconsin	1	144	58	Private
Michigan Technological University	1	144	88	Public
Midwestern University (IL)	1	144	58	Private
New York Medical College	1	144	58	Private
Ponce School of Medicine	1	144	58	Private
Saint Louis University - St. Louis	1	144	58	Private
South Dakota School of Mines and Technology	1	144	88	Public
State Univ. of New York - Coll of Enviro Sci and Forestry	1	144	88	Public
State Univ. of New York Health Science Ctr - Brooklyn	1	144	88	Public
Texas Tech University	1	144	88	Public
Texas Tech University Health Sciences Center	1	144	88	Public
Uniformed Services University of the Health Sciences	1	144	88	Public
Union College (NY)	1	144	58	Private
University of Alaska - Fairbanks	1	144	88	Public
University of Arkansas - Little Rock	1	144	88	Public
University of Arkansas for Medical Sciences	1	144	88	Public
University of Kansas Medical Center	1	144	88	Public
University of Louisville	1	144	88	Public
University of Maine - Orono	1	144	88	Public
University of Medicine & Dentistry of New Jersey	1	144	88	Public
University of Minnesota - Duluth	1	144	88	Public
University of Missouri - Rolla	1	144	88	Public
University of Nebraska Medical Center	1	144	88	Public
University of North Dakota	1	144	88	Public
University of Oklahoma Health Sciences Center	1	144	88	Public
University of Rhode Island	1	144	88	Public
University of South Florida	1	144	88	Public
University of Tennessee - Chattanooga	1	144	88	Public
University of Texas - Arlington	1	144	88	Public
University of Texas Health Science Ctr - San Antonio	1	144	88	Public
University of Texas MD Anderson Cancer Center	1	144	88	Public
University of the Pacific	1	144	58	Private
US Naval Academy	1	144	88	Public
Villanova University	1	144	58	Private
Wright State University - Dayton	1	144	88	Public

The Top 200 Institutions - Faculty Awards (2004)

Top 47 Institutions in Faculty Awards (2004)	Number of Awards	National Rank	Control Rank	Institutional Control
Harvard University	55	1	1	Private
Johns Hopkins University	52	2	2	Private
Stanford University	52	2	2	Private
University of Michigan - Ann Arbor	47	4	1	Public
University of California - Berkeley	45	5	2	Public
University of Wisconsin - Madison	43	6	3	Public
Yale University	39	7	4	Private
University of California - San Diego	38	8	4	Public
Northwestern University	37	9	5	Private
University of California - Los Angeles	37	9	5	Public
Cornell University	36	11	6	Private
Massachusetts Institute of Technology	36	11	6	Private
University of Washington - Seattle	34	13	6	Public
Columbia University	32	14	8	Private
Duke University	32	14	8	Private
University of California - San Francisco	31	16	7	Public
University of Pennsylvania	31	16	10	Private
University of North Carolina - Chapel Hill	30	18	8	Public
University of Texas - Austin	30	18	8	Public
Washington University in St. Louis	29	20	11	Private
University of Illinois - Urbana-Champaign	27	21	10	Public
University of Maryland - College Park	27	21	10	Public
Princeton University	25	23	12	Private
California Institute of Technology	24	24	13	Private
Vanderbilt University	24	24	13	Private
University of Arizona	23	26	12	Public
University of Chicago	23	26	15	Private
University of Florida	23	26	12	Public
Pennsylvania State University - University Park	22	29	14	Public
University of California - Davis	22	29	14	Public
University of Minnesota - Twin Cities	22	29	14	Public
University of Utah	22	29	14	Public
Georgia Institute of Technology	21	33	18	Public
Ohio State University - Columbus	21	33	18	Public
University of Virginia	21	33	18	Public
University of Pittsburgh - Pittsburgh	20	36	21	Public
Dartmouth College	18	37	16	Private
Scripps Research Institute	18	37	16	Private
University at Buffalo	18	37	22	Public
University of Colorado - Boulder	18	37	22	Public
University of California - Irvine	17	41	24	Public
University of Texas SW Medical Center - Dallas	17	41	24	Public
Boston University	16	43	18	Private
Emory University	16	43	18	Private
New York University	15	45	20	Private
University of Illinois - Chicago	15	45	26	Public
Brown University	14	47	21	Private
Indiana University - Bloomington	14	47	27	Public
North Carolina State University	14	47	27	Public
Purdue University - West Lafayette	14	47	27	Public
Stony Brook University	14	47	27	Public

The Top 200 Institutions - Faculty Awards (2004), *continued*

Institutions with Between 6 and 13 Faculty Awards (2004)	Number of Awards	National Rank	Control Rank	Institutional Control
Georgetown University	13	52	22	Private
Oregon Health & Science University	13	52	31	Public
University of Iowa	13	52	31	Public
University of Notre Dame	13	52	22	Private
Baylor College of Medicine	12	56	24	Private
Case Western Reserve University	12	56	24	Private
Rice University	12	56	24	Private
Rockefeller University	12	56	24	Private
University of California - Riverside	12	56	33	Public
University of Georgia	12	56	33	Public
Carnegie Mellon University	11	62	28	Private
George Washington University	11	62	28	Private
Louisiana State University - Baton Rouge	11	62	35	Public
Michigan State University	11	62	35	Public
Oregon State University	11	62	35	Public
Rutgers the State University of NJ - New Brunswick	11	62	35	Public
Texas A&M University	11	62	35	Public
University of Alabama - Birmingham	11	62	35	Public
University of Connecticut - Storrs	10	70	41	Public
University of Kansas - Lawrence	10	70	41	Public
University of Massachusetts - Amherst	10	70	41	Public
University of Southern California	10	70	30	Private
Washington State University - Pullman	10	70	41	Public
Wayne State University	10	70	41	Public
University of California - Santa Barbara	9	76	46	Public
University of Delaware	9	76	46	Public
University of Hawaii - Manoa	9	76	46	Public
University of Maryland - Baltimore County	9	76	46	Public
University of Tennessee - Knoxville	9	76	46	Public
Yeshiva University	9	76	31	Private
City University of New York - Hunter College	8	82	51	Public
Colorado State University	8	82	51	Public
University of Cincinnati - Cincinnati	8	82	51	Public
University of Missouri - Columbia	8	82	51	Public
University of Rochester	8	82	32	Private
Western Washington University	8	82	51	Public
Iowa State University	7	88	56	Public
New York University School of Medicine	7	88	33	Private
Oklahoma State University - Stillwater	7	88	56	Public
San Diego State University	7	88	56	Public
University at Albany	7	88	56	Public
University of Massachusetts Medical Sch - Worcester	7	88	56	Public
University of New Hampshire - Durham	7	88	56	Public
University of Oregon	7	88	56	Public
University of South Carolina - Columbia	7	88	56	Public
University of Texas Health Science Center - Houston	7	88	56	Public
Arizona State University - Tempe	6	98	65	Public
Brandeis University	6	98	34	Private
College of William and Mary	6	98	65	Public
Florida State University	6	98	65	Public
George Mason University	6	98	65	Public
Indiana University-Purdue University - Indianapolis	6	98	65	Public
Lehigh University	6	98	34	Private
Portland State University	6	98	65	Public
Tufts University	6	98	34	Private

The Top 200 Institutions - Faculty Awards (2004), *continued*

Institutions with Between 4 and 6 Faculty Awards (2004)	Number of Awards	National Rank	Control Rank	Institutional Control
Tulane University	6	98	34	Private
University of California - Santa Cruz	6	98	65	Public
University of Colorado Health Sciences Center	6	98	65	Public
University of Connecticut - Health Center	6	98	65	Public
University of Louisville	6	98	65	Public
University of Medicine & Dentistry of New Jersey	6	98	65	Public
University of Nevada - Reno	6	98	65	Public
University of South Florida	6	98	65	Public
University of Texas Health Science Ctr - San Antonio	6	98	65	Public
University of Vermont	6	98	65	Public
Binghamton University	5	117	80	Public
City University of New York - Brooklyn College	5	117	80	Public
City University of New York - City College	5	117	80	Public
Drexel University	5	117	38	Private
Mount Holyoke College	5	117	38	Private
New Mexico State University - Las Cruces	5	117	80	Public
Northeastern University	5	117	38	Private
Northern Arizona University	5	117	80	Public
Northern Illinois University	5	117	80	Public
San Francisco State University	5	117	80	Public
Santa Clara University	5	117	38	Private
University of Kentucky	5	117	80	Public
University of Maryland - Baltimore	5	117	80	Public
University of Missouri - Rolla	5	117	80	Public
University of Nebraska - Lincoln	5	117	80	Public
University of New Mexico - Albuquerque	5	117	80	Public
University of North Carolina - Charlotte	5	117	80	Public
Wake Forest University	5	117	38	Private
American University	4	135	43	Private
Boston College	4	135	43	Private
Bowdoin College	4	135	43	Private
California State University - Chico	4	135	93	Public
California State University - Long Beach	4	135	93	Public
Columbia College Chicago	4	135	43	Private
Georgia State University	4	135	93	Public
Hamilton College (NY)	4	135	43	Private
Hope College	4	135	43	Private
Illinois State University	4	135	93	Public
Kansas State University	4	135	93	Public
Loyola University Chicago	4	135	43	Private
Michigan Technological University	4	135	93	Public
Rutgers the State University of NJ - Camden	4	135	93	Public
Smith College	4	135	43	Private
Temple University	4	135	93	Public
Texas Tech University	4	135	93	Public

The Top 200 Institutions - Faculty Awards (2004), *continued*

Institutions with Either 3 or 4 Faculty Awards (2004)	Number of Awards	National Rank	Control Rank	Institutional Control
University of Miami	4	135	43	Private
University of Oklahoma - Norman	4	135	93	Public
University of Richmond	4	135	43	Private
University of Texas - El Paso	4	135	93	Public
University of Texas Medical Branch - Galveston	4	135	93	Public
University of Wyoming	4	135	93	Public
Virginia Commonwealth University	4	135	93	Public
Auburn University	3	159	107	Public
Bard College	3	159	53	Private
Calvin College	3	159	53	Private
Catholic University of America	3	159	53	Private
Central Washington University	3	159	107	Public
Clark University	3	159	53	Private
DePaul University	3	159	53	Private
Florida Atlantic University	3	159	107	Public
Howard University	3	159	53	Private
Humboldt State University	3	159	107	Public
Loyola Marymount University	3	159	53	Private
Middlebury College	3	159	53	Private
Minnesota State University - Moorhead	3	159	107	Public
Mississippi State University	3	159	107	Public
Montana State University - Billings	3	159	107	Public
Montana State University - Bozeman	3	159	107	Public
Montclair State University	3	159	107	Public
Mount Sinai School of Medicine	3	159	53	Private
New Jersey Institute of Technology	3	159	107	Public
New School University	3	159	53	Private
New York Medical College	3	159	53	Private
Oberlin College	3	159	53	Private
Pennsylvania State University - Hershey Medical Ctr	3	159	107	Public
Rensselaer Polytechnic Institute	3	159	53	Private
Southern Illinois University - Carbondale	3	159	107	Public
Southwest Missouri State University	3	159	107	Public
Syracuse University	3	159	53	Private
Texas Christian University	3	159	53	Private
University of Akron - Akron	3	159	107	Public
University of Arkansas for Medical Sciences	3	159	107	Public
University of Central Florida	3	159	107	Public
University of Idaho	3	159	107	Public
University of Massachusetts - Boston	3	159	107	Public
University of North Carolina - Greensboro	3	159	107	Public
University of St. Thomas (MN)	3	159	53	Private
University of Tennessee Health Science Center	3	159	107	Public
University of Texas - Dallas	3	159	107	Public
University of Wisconsin - Milwaukee	3	159	107	Public
Utah State University	3	159	107	Public
Vassar College	3	159	53	Private
Villanova University	3	159	53	Private
Virginia Polytechnic Institute and State University	3	159	107	Public
Western Michigan University	3	159	107	Public
Wittenberg University	3	159	53	Private

The Top 200 Institutions - Doctorates Awarded (2004)

Top 50 Institutions in Doctorate Degrees Awarded (2004)	Number of Degrees	National Rank	Control Rank	Institutional Control
University of California - Berkeley	775	1	1	Public
Nova Southeastern University	705	2	1	Private
University of Texas - Austin	702	3	2	Public
University of Florida	694	4	3	Public
University of California - Los Angeles	666	5	4	Public
University of Michigan - Ann Arbor	660	6	5	Public
University of Wisconsin - Madison	628	7	6	Public
Stanford University	625	8	2	Private
University of Minnesota - Twin Cities	592	9	7	Public
University of Illinois - Urbana-Champaign	574	10	8	Public
University of Southern California	573	11	3	Private
Harvard University	572	12	4	Private
Ohio State University - Columbus	561	13	9	Public
Pennsylvania State University - University Park	539	14	10	Public
Texas A&M University	515	15	11	Public
University of Washington - Seattle	503	16	12	Public
Columbia University	495	17	5	Private
University of Maryland - College Park	482	18	13	Public
Massachusetts Institute of Technology	467	19	6	Private
Purdue University - West Lafayette	446	20	14	Public
University of North Carolina - Chapel Hill	439	21	15	Public
Michigan State University	430	22	16	Public
University of Pennsylvania	414	23	7	Private
Cornell University	412	24	8	Private
New York University	407	25	9	Private
University of Georgia	404	26	17	Public
University of Arizona	398	27	18	Public
Indiana University - Bloomington	391	28	19	Public
Rutgers the State University of NJ - New Brunswick	382	29	20	Public
University of Pittsburgh - Pittsburgh	382	29	20	Public
University of California - Davis	375	31	22	Public
Northwestern University	367	32	10	Private
Johns Hopkins University	362	33	11	Private
University of Virginia	358	34	23	Public
Arizona State University - Tempe	355	35	24	Public
Yale University	340	36	12	Private
North Carolina State University	338	37	25	Public
Southwestern Baptist Theological Seminary	337	38	13	Private
Temple University	334	39	26	Public
University of Chicago	331	40	14	Private
University of California - San Diego	327	41	27	Public
Georgia Institute of Technology	311	42	28	Public
University of Iowa	300	43	29	Public
University at Buffalo	299	44	30	Public
City University of NY - Graduate Sch and University Ctr	298	45	31	Public
Virginia Polytechnic Institute and State University	290	46	32	Public
University of Colorado - Boulder	286	47	33	Public
Stony Brook University	285	48	34	Public
University of Tennessee - Knoxville	280	49	35	Public
Princeton University	276	50	15	Private

The Top 200 Institutions - Doctorates Awarded (2004), *continued*

Top 51-100 Institutions in Doctorates Awarded (2004)	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Massachusetts - Amherst	274	51	36	Public
A T Still University of Health Sciences	273	52	16	Private
Florida State University	271	53	37	Public
Boston University	267	54	17	Private
Duke University	259	55	18	Private
University of Connecticut - Storrs	257	56	38	Public
George Washington University	255	57	19	Private
University of California - Santa Barbara	253	58	39	Public
University of Missouri - Columbia	251	59	40	Public
University of South Carolina - Columbia	241	60	41	Public
Washington University in St. Louis	241	60	20	Private
Louisiana State University - Baton Rouge	240	62	42	Public
Iowa State University	239	63	43	Public
University of Kansas - Lawrence	239	63	43	Public
University of Nebraska - Lincoln	236	65	45	Public
University of Illinois - Chicago	233	66	46	Public
University of Kentucky	233	66	46	Public
University of Utah	216	68	48	Public
University of Cincinnati - Cincinnati	212	69	49	Public
University of Rochester	210	70	21	Private
Oklahoma State University - Stillwater	204	71	50	Public
Case Western Reserve University	203	72	22	Private
University of Houston - University Park	196	73	51	Public
Carnegie Mellon University	195	74	23	Private
University of New Mexico - Albuquerque	195	74	52	Public
Wayne State University	194	76	53	Public
Teachers College at Columbia University	193	77	24	Private
Vanderbilt University	189	78	25	Private
University of California - Irvine	187	79	54	Public
University of Medicine & Dentistry of New Jersey	185	80	55	Public
University of South Florida	179	81	56	Public
University of Delaware	177	82	57	Public
Texas Tech University	174	83	58	Public
Oregon State University	173	84	59	Public
University at Albany	168	85	60	Public
Washington State University - Pullman	167	86	61	Public
California Institute of Technology	166	87	26	Private
Emory University	164	88	27	Private
University of Oregon	164	88	62	Public
Auburn University	161	90	63	Public
Colorado State University	160	91	64	Public
West Virginia University	160	91	64	Public
University of Miami	159	93	28	Private
University of Alabama - Tuscaloosa	158	94	66	Public
Rensselaer Polytechnic Institute	156	95	29	Private
Saint Louis University - St. Louis	155	96	30	Private
University of North Texas	153	97	67	Public
Virginia Commonwealth University	153	97	67	Public
Syracuse University	151	99	31	Private
George Mason University	149	100	69	Public
University of Notre Dame	149	100	32	Private

The Top 200 Institutions - Doctorates Awarded (2004), *continued*

Top 102-148 Institutions in Doctorate Degrees Awarded (2004)	Number of Degrees	National Rank	Control Rank	Institutional Control
Brown University	147	102	33	Private
Kansas State University	146	103	70	Public
Union Institute & University	145	104	34	Private
Loyola University Chicago	142	105	35	Private
University of California - Riverside	141	106	71	Public
University of Southern Mississippi	139	107	72	Public
Kent State University - Kent	136	108	73	Public
University of Oklahoma - Norman	136	108	73	Public
Fuller Theological Seminary in California	132	110	36	Private
University of Central Florida	132	110	75	Public
Tulane University	127	112	37	Private
Rice University	126	113	38	Private
Alliant International University - San Diego	125	114	39	Private
Pennsylvania College of Optometry	125	114	39	Private
Southern Illinois University - Carbondale	124	116	76	Public
Boston College	122	117	41	Private
Yeshiva University	121	118	42	Private
University of Hawaii - Manoa	116	119	77	Public
Clemson University	113	120	78	Public
Georgia State University	113	120	78	Public
Claremont Graduate University	111	122	43	Private
Drexel University	111	122	43	Private
Ohio University - Athens	111	122	80	Public
University of Alabama - Birmingham	111	122	80	Public
Widener University - Chester	111	122	43	Private
University of Arkansas - Fayetteville	110	127	82	Public
California School of Professional Psych - Alameda	108	128	46	Private
Creighton University	108	128	46	Private
University of California - Santa Cruz	107	130	83	Public
University of Louisville	106	131	84	Public
University of Maryland - Baltimore	103	132	85	Public
Binghamton University	102	133	86	Public
University of Akron - Akron	100	134	87	Public
University of Memphis	100	134	87	Public
Howard University	99	136	48	Private
Tufts University	99	136	48	Private
University of Denver	98	138	50	Private
University of Texas Health Science Center - Houston	98	138	89	Public
Fordham University	97	140	51	Private
Mgh Institute of Health Professions	96	141	52	Private
University of Massachusetts - Lowell	96	141	90	Public
University of California - San Francisco	95	143	91	Public
Alliant International University	90	144	53	Private
Northern Illinois University	90	144	92	Public
Belmont University	89	146	54	Private
Catholic University of America	86	147	55	Private
Mississippi State University	85	148	93	Public
University of North Carolina - Greensboro	85	148	93	Public

The Top 200 Institutions - Doctorates Awarded (2004), *continued*

Top 150-199 Institutions in Doctorates Awarded (2004)	Number of Degrees	National Rank	Control Rank	Institutional Control
Brandeis University	82	150	56	Private
Brigham Young University - Provo	82	150	56	Private
Fielding Graduate Institute	82	150	56	Private
Simmons College	81	153	59	Private
University of New Orleans	79	154	95	Public
University of Rhode Island	79	154	95	Public
Baylor College of Medicine	78	156	60	Private
Bowling Green State University - Bowling Green	78	156	97	Public
Florida International University	78	156	97	Public
New Mexico State University - Las Cruces	78	156	97	Public
Old Dominion University	78	156	97	Public
Lehigh University	77	161	61	Private
University of Nevada - Reno	77	161	101	Public
Northern Arizona University	75	163	102	Public
Southern Baptist Theological Seminary	75	163	62	Private
University of Wisconsin - Milwaukee	75	163	102	Public
Western Michigan University	75	163	102	Public
Indiana University of Pennsylvania - Indiana	74	167	105	Public
Drew University	73	168	63	Private
Gordon-Conwell Theological Seminary	73	168	63	Private
University of Mississippi - Oxford	73	168	106	Public
Georgetown University	71	171	65	Private
University of Northern Colorado	71	171	107	Public
Baylor University	70	173	66	Private
University of Idaho	70	173	108	Public
New Jersey Institute of Technology	69	175	109	Public
Northeastern University	69	175	67	Private
Pepperdine University	68	177	68	Private
Ball State University	67	178	110	Public
Regent University	66	179	69	Private
Loma Linda University	65	180	70	Private
University of Maryland - Baltimore County	65	180	111	Public
University of Missouri - Kansas City	65	180	111	Public
Illinois Institute of Technology	64	183	71	Private
New School University	64	183	71	Private
Pacific University	64	183	71	Private
Utah State University	64	183	113	Public
Chicago School of Professional Psychology	63	187	74	Private
Texas Woman's University	63	187	114	Public
University of Texas - Dallas	63	187	114	Public
California School of Professional Psych - Fresno	62	190	75	Private
United Theological Seminary	62	190	75	Private
California Institute of Integral Studies	61	192	77	Private
University of Missouri - Rolla	61	192	116	Public
University of South Dakota	61	192	116	Public
University of Colorado Health Sciences Center	60	195	118	Public
American University	59	196	78	Private
University of North Dakota	58	197	119	Public
University of Texas - Arlington	58	197	119	Public
Carlos Albizu University - San Juan	56	199	79	Private
College of William and Mary	56	199	121	Public
Forest Institute of Professional Psychology	56	199	79	Private
Hofstra University	56	199	79	Private
Rutgers the State University of NJ - Newark	56	199	121	Public

The Top 200 Institutions - Postdoctoral Appointees (2003)

Top 50 Institutions in Postdoctoral Appointees (2003)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Harvard University	3852	1	1	Private
Johns Hopkins University	1313	2	2	Private
University of California - Los Angeles	1292	3	1	Public
Stanford University	1236	4	3	Private
Yale University	1018	5	4	Private
University of California - San Diego	949	6	2	Public
Massachusetts Institute of Technology	940	7	5	Private
University of Washington - Seattle	865	8	3	Public
University of Pennsylvania	801	9	6	Private
University of Michigan - Ann Arbor	748	10	4	Public
University of California - Berkeley	720	11	5	Public
University of Colorado - Boulder	703	12	6	Public
University of Pittsburgh - Pittsburgh	688	13	7	Public
Duke University	679	14	7	Private
Washington University in St. Louis	645	15	8	Private
University of California - Davis	637	16	8	Public
University of Minnesota - Twin Cities	614	17	9	Public
University of Florida	575	18	10	Public
University of North Carolina - Chapel Hill	571	19	11	Public
University of Texas SW Medical Center - Dallas	547	20	12	Public
University of Texas MD Anderson Cancer Center	541	21	13	Public
University of Southern California	535	22	9	Private
Emory University	532	23	10	Private
California Institute of Technology	528	24	11	Private
University of California - San Francisco	521	25	14	Public
Vanderbilt University	504	26	12	Private
University of Wisconsin - Madison	482	27	15	Public
Mount Sinai School of Medicine	468	28	13	Private
Yeshiva University	412	29	14	Private
University of Arizona	403	30	16	Public
Michigan State University	401	31	17	Public
University of California - Irvine	384	32	18	Public
Ohio State University - Columbus	381	33	19	Public
Rockefeller University	374	34	15	Private
North Carolina State University	363	35	20	Public
Baylor College of Medicine	358	36	16	Private
University of Virginia	354	37	21	Public
Columbia University	353	38	17	Private
Tufts University	351	39	18	Private
Cornell University	349	40	19	Private
Case Western Reserve University	348	41	20	Private
Princeton University	340	42	21	Private
University of Chicago	335	43	22	Private
University of Iowa	334	44	22	Public
University of Colorado Health Sciences Center	323	45	23	Public
University at Buffalo	319	46	24	Public
University of Maryland - College Park	319	46	24	Public
University of Illinois - Urbana-Champaign	317	48	26	Public
Pennsylvania State University - University Park	312	49	27	Public
University of Massachusetts Medical Sch - Worcester	306	50	28	Public

The Top 200 Institutions - Postdoctoral Appointees (2003), *continued*

Top 51-101 Institutions in Postdoctoral Appointees (2003)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Mayo	303	51	23	Private
University of Utah	296	52	29	Public
Purdue University - West Lafayette	288	53	30	Public
University of Illinois - Chicago	287	54	31	Public
University of Rochester	282	55	24	Private
University of Texas Medical Branch - Galveston	278	56	32	Public
New York University	274	57	25	Private
Cornell University Weill Medical College	265	58	26	Private
Texas A&M University	264	59	33	Public
University of Cincinnati - Cincinnati	262	60	34	Public
University of Georgia	251	61	35	Public
Wayne State University	243	62	36	Public
Northwestern University	234	63	27	Private
Iowa State University	225	64	37	Public
University of California - Riverside	222	65	38	Public
Colorado State University	220	66	39	Public
University of Texas - Austin	215	67	40	Public
Thomas Jefferson University	211	68	28	Private
Carnegie Mellon University	200	69	29	Private
University of Alabama - Birmingham	198	70	41	Public
University of California - Santa Barbara	192	71	42	Public
Indiana University-Purdue University - Indianapolis	188	72	43	Public
Stony Brook University	175	73	44	Public
University of Medicine & Dentistry of New Jersey	171	74	45	Public
University of Kentucky	170	75	46	Public
Medical University of South Carolina	168	76	47	Public
University of Maryland - Baltimore	161	77	48	Public
University of Massachusetts - Amherst	161	77	48	Public
Rutgers the State University of NJ - New Brunswick	160	79	50	Public
Dartmouth College	159	80	30	Private
University of California - Santa Cruz	158	81	51	Public
University of Notre Dame	157	82	31	Private
University of Missouri - Columbia	156	83	52	Public
Virginia Commonwealth University	155	84	53	Public
Washington State University - Pullman	147	85	54	Public
Florida State University	143	86	55	Public
University of Texas Health Science Ctr - San Antonio	140	87	56	Public
Boston University	139	88	32	Private
Kansas State University	138	89	57	Public
University of Tennessee - Knoxville	138	89	57	Public
Rice University	135	91	33	Private
Louisiana State University - Baton Rouge	132	92	59	Public
Indiana University - Bloomington	131	93	60	Public
University of Kansas - Lawrence	130	94	61	Public
University of Nebraska - Lincoln	127	95	62	Public
University of South Florida	127	95	62	Public
University of Miami	126	97	34	Private
University of Delaware	125	98	64	Public
University of Connecticut - Health Center	123	99	65	Public
University of Hawaii - Manoa	121	100	66	Public

The Top 200 Institutions - Postdoctoral Appointees (2003), *continued*

Top 102-153 Institutions in Postdoctoral Appointees (2003)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Wake Forest University	120	101	35	Private
Oregon State University	116	102	67	Public
University of Connecticut - Storrs	115	103	68	Public
University of New Mexico - Albuquerque	112	104	69	Public
Arizona State University - Tempe	109	105	70	Public
University of Vermont	103	106	71	Public
University at Albany	102	107	72	Public
Medical College of Wisconsin	101	108	36	Private
Brown University	95	109	37	Private
Tulane University	95	109	37	Private
University of Louisville	94	111	73	Public
Medical College of Georgia	93	112	74	Public
Brandeis University	92	113	39	Private
Montana State University - Bozeman	90	114	75	Public
University of Tennessee Health Science Center	90	114	75	Public
Loyola University Chicago	89	116	40	Private
University of South Carolina - Columbia	89	116	77	Public
Virginia Polytechnic Institute and State University	86	118	78	Public
University of Texas Health Science Center - Houston	80	119	79	Public
University of Oklahoma Health Sciences Center	78	120	80	Public
University of Nebraska Medical Center	77	121	81	Public
Oregon Health & Science University	76	122	82	Public
University of Houston - University Park	75	123	83	Public
Rensselaer Polytechnic Institute	74	124	41	Private
University of Nevada - Reno	74	124	84	Public
University of Arkansas - Fayetteville	73	126	85	Public
Temple University	71	127	86	Public
University of Idaho	71	127	86	Public
Georgia State University	67	129	88	Public
Texas A&M University System Health Sciences Center	64	130	89	Public
Louisiana State University Health Sciences Center	59	131	90	Public
University of Mississippi - Oxford	58	132	91	Public
Georgetown University	57	133	42	Private
Pennsylvania State University - Hershey Medical Ctr	57	133	92	Public
North Dakota State University	56	135	93	Public
University of Oregon	56	135	93	Public
Oklahoma State University - Stillwater	55	137	95	Public
University of Akron - Akron	55	137	95	Public
Texas Tech University	53	139	97	Public
University of Kansas Medical Center	51	140	98	Public
Mississippi State University	49	141	99	Public
Auburn University	48	142	100	Public
University of Missouri - Kansas City	48	142	100	Public
City University of NY - Graduate Sch and University Ctr	47	144	102	Public
Lehigh University	45	145	43	Private
University of Arkansas for Medical Sciences	45	145	103	Public
Morehouse School of Medicine	44	147	44	Private
Saint Louis University - St. Louis	44	147	44	Private
University of Wyoming	44	147	104	Public
George Washington University	43	150	46	Private

The Top 200 Institutions - Postdoctoral Appointees (2003), *continued*

Top 156-197 Institutions in Postdoctoral Appointees (2003)	Number of Postdocs	National Rank	Control Rank	Institutional Control
Southern Methodist University	43	150	105	Private
Woods Hole Oceanographic Institution	41	152	47	Private
Louisiana State University Medical Center - Shreveport	40	153	106	Public
Northeastern University	40	153	48	Private
University of New Orleans	40	153	106	Public
City University of New York - City College	38	156	108	Public
Clemson University	38	156	108	Public
Old Dominion University	38	156	108	Public
University of Alabama - Tuscaloosa	38	156	108	Public
University of Wisconsin - Milwaukee	37	160	112	Public
Syracuse University	36	161	49	Private
University of Oklahoma - Norman	36	161	113	Public
University of Rhode Island	35	163	114	Public
New York Medical College	34	164	50	Private
Albany Medical College	33	165	51	Private
Texas Tech University Health Sciences Center	33	165	115	Public
University of South Alabama - Mobile	33	165	115	Public
Stevens Institute of Technology	32	168	52	Private
University of Maine - Orono	32	168	117	Public
University of Texas - Dallas	32	168	117	Public
Georgia Institute of Technology	31	171	119	Public
State Univ. of New York Upstate Medical University	31	171	119	Public
Wright State University - Dayton	31	171	119	Public
University of Texas - Arlington	30	174	122	Public
College of William and Mary	28	175	123	Public
Miami University - Oxford	28	175	123	Public
Ohio University - Athens	28	175	123	Public
University of New Hampshire - Durham	28	175	123	Public
Boston College	27	179	53	Private
West Virginia University	27	179	127	Public
Worcester Polytechnic Institute	27	179	53	Private
Colorado School of Mines	26	182	128	Public
OGI School of Science & Engineering at OSU	26	182	128	Public
Florida International University	25	184	130	Public
Clarkson University	24	185	55	Private
Finch University of Health Science - Chicago Med School	24	185	55	Private
Howard University	24	185	55	Private
Kent State University - Kent	24	185	131	Public
Uniformed Services University of the Health Sciences	24	185	131	Public
University of Memphis	24	185	131	Public
University of North Texas Health Science Ctr - Fort Worth	24	185	131	Public
Rutgers the State University of NJ - Newark	23	192	135	Public
University of Maryland - Baltimore County	23	192	135	Public
University of Toledo	23	192	135	Public
University of Mississippi Medical Center	22	195	138	Public
Utah State University	22	195	138	Public
Loma Linda University	21	197	58	Private
Tuskegee University	21	197	58	Private
University of Missouri - St. Louis	21	197	140	Public
University of Southern Mississippi	21	197	140	Public
Wichita State University	21	197	140	Public

The Top 200 Institutions - SAT Scores (2003)

Top 46 Institutions in SAT Score (2003)	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; 700-800	2	2	Private
Massachusetts Institute of Technology	680-760; 730-800	3	3	Private
Yale University	690-790; 690-790	4	4	Private
Princeton University	680-770; 690-790	5	5	Private
Harvey Mudd College	650-750; 720-800	6	6	Private
Pomona College	700-760; 690-760	7	7	Private
Stanford University	660-770; 680-790	8	8	Private
Swarthmore College	670-770; 670-760	9	9	Private
Amherst College	660-770; 660-770	10	10	Private
Dartmouth College	660-760; 670-770	10	10	Private
Middlebury College	690-750; 680-740	10	10	Private
Rice University	660-760; 670-770	10	10	Private
Duke University	660-750; 670-770	14	14	Private
University of Pennsylvania	650-750; 680-760	15	15	Private
Columbia University	650-760; 660-750	16	16	Private
Williams College	650-760; 660-750	16	16	Private
Webb Institute	640-710; 700-760	18	18	Private
Washington University in St. Louis	650-730; 670-750	19	19	Private
Brown University	640-750; 650-750	20	20	Private
Northwestern University	650-730; 660-750	20	20	Private
Carleton College	650-750; 650-730	22	22	Private
Carnegie Mellon University	600-710; 680-770	23	23	Private
Emory University	640-720; 660-740	23	23	Private
Johns Hopkins University	630-720; 660-750	23	23	Private
Claremont McKenna College	650-720; 660-720	26	26	Private
Georgetown University	640-730; 650-730	26	26	Private
Vassar College	660-740; 640-710	26	26	Private
Wesleyan University	640-740; 650-720	26	26	Private
Haverford College	640-730; 650-720	30	30	Private
Washington and Lee University	650-720; 650-720	30	30	Private
Bowdoin College	640-730; 650-710	32	32	Private
Reed College	650-750; 620-710	32	32	Private
University of Notre Dame	620-720; 650-740	32	32	Private
Barnard College	650-730; 630-700	35	35	Private
Davidson College	630-720; 640-720	35	35	Private
Wellesley College	630-730; 630-720	35	35	Private
Colgate University	620-710; 650-720	38	38	Private
College of William and Mary	630-730; 630-710	38	1	Public
Cooper Union for the Advancement of Science & Art	620-700; 630-750	38	38	Private
Macalester College	650-730; 620-700	38	38	Private
St. John's College (MD)	660-740; 600-700	38	38	Private
Brandeis University	620-720; 630-720	43	42	Private
Colby College	630-710; 640-710	43	42	Private
Grinnell College	610-730; 630-720	43	42	Private
Bard College	650-750; 590-690	46	45	Private
Bates College	630-700; 640-710	46	45	Private
Georgia Institute of Technology	600-690; 650-740	46	2	Public
Oberlin College	630-730; 610-710	46	45	Private
Vanderbilt University	610-710; 640-720	46	45	Private

The Top 200 Institutions - SAT Scores (2003), *continued*

Top 51-95 Institutions in SAT Score (2003)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
Tufts University	610-700; 640-720	51	49	Private
University of Southern California	610-700; 640-720	51	49	Private
Tulane University	610-730; 630-690	53	51	Private
University of Virginia	600-710; 630-720	53	3	Public
Whitman College	620-730; 610-700	53	51	Private
Cornell University	610-700; 622-720	56	53	Private
Case Western Reserve University	590-700; 630-730	57	54	Private
Kalamazoo College	620-720; 610-700	57	54	Private
Hamilton College (NY)	610-700; 630-700	59	56	Private
New College of Florida	640-730; 590-680	59	4	Public
University of Rochester	600-700; 630-710	59	56	Private
Wheaton College (IL)	620-710; 610-700	59	56	Private
Kenyon College	620-720; 600-690	63	59	Private
Scripps College	620-710; 610-690	63	59	Private
University of California - Berkeley	570-700; 620-740	63	5	Public
University of Richmond	610-690; 630-700	63	59	Private
Wake Forest University	610-690; 630-700	63	59	Private
New York University	600-700; 610-710	68	63	Private
Rensselaer Polytechnic Institute	580-680; 640-720	68	63	Private
Rose-Hulman Institute of Technology	570-680; 640-730	68	63	Private
Trinity College (CT)	590-700; 620-710	68	63	Private
University of Michigan - Ann Arbor	580-690; 620-720	72	6	Public
Boston University	600-690; 620-690	73	67	Private
Bryn Mawr College	620-720; 580-680	73	67	Private
Bucknell University	600-670; 630-700	73	67	Private
Trinity University	600-690; 620-690	73	67	Private
Connecticut College	603-695; 602-695	77	71	Private
Illinois Institute of Technology	560-680; 620-730	78	72	Private
Lehigh University	580-670; 630-710	78	72	Private
US Naval Academy	590-680; 620-700	78	7	Public
Mount Holyoke College	620-700; 590-670	81	74	Private
University of Illinois - Urbana-Champaign	570-670; 620-720	81	8	Public
University of North Carolina - Chapel Hill	590-690; 600-700	81	8	Public
Boston College	590-680; 610-690	84	75	Private
College of the Holy Cross	580-680; 630-670	85	76	Private
Furman University	600-690; 590-680	85	76	Private
Illinois Wesleyan University	580-690; 600-690	85	76	Private
Lewis & Clark College	600-710; 580-670	85	76	Private
St. John's College (NM)	630-720; 560-650	85	76	Private
George Washington University	590-690; 590-680	90	81	Private
Lawrence University	590-690; 580-690	90	81	Private
St. Olaf College	580-700; 580-690	90	81	Private
Villanova University	580-660; 620-690	90	81	Private
Worcester Polytechnic Institute	560-660; 620-710	90	81	Private
College of New Jersey	580-670; 600-690	95	10	Public
Dickinson College	590-680; 590-680	95	86	Private
Gettysburg College	600-670; 600-670	95	86	Private
Occidental College	580-690; 590-680	95	86	Private
Rhodes College (TN)	600-690; 580-670	95	86	Private

The Top 200 Institutions - SAT Scores (2003), continued

Top 100-146 Institutions in SAT Score (2003)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
Grove City College	575-690; 577-688	100	90	Private
Hillsdale College	580-700; 570-680	100	90	Private
Lafayette College	570-660; 600-700	100	90	Private
University of California - Los Angeles	550-670; 590-720	100	11	Public
University of Maryland - College Park	570-660; 600-700	100	11	Public
Colorado College	580-690; 580-670	105	93	Private
Hampshire College	600-700; 560-660	105	93	Private
Smith College	580-700; 570-670	105	93	Private
St. Mary's College of Maryland	590-690; 570-670	105	13	Public
Thomas Aquinas College	26-30	105	93	Private
University of Wisconsin - Madison	26-30	105	13	Public
Skidmore College	580-670; 590-670	111	97	Private
University of California - San Diego	550-660; 600-700	111	15	Public
Franklin & Marshall College	570-670; 580-680	113	98	Private
New Mexico Institute of Mining and Technology	570-670; 580-680	113	16	Public
Oklahoma City University	593-661; 580-666	113	98	Private
Saint Joseph's University	593-652; 599-656	113	98	Private
Union College (NY)	560-660; 590-690	113	98	Private
US Coast Guard Academy	570-650; 600-680	113	16	Public
Babson College	560-640; 610-680	119	102	Private
Colorado School of Mines	540-650; 600-700	119	18	Public
Hendrix College	570-690; 570-660	119	102	Private
Judson College (AL)	490-800; 490-710	119	102	Private
Southwestern University	570-670; 580-670	119	102	Private
University of Puget Sound	575-685; 570-660	119	102	Private
Beloit College	580-690; 550-660	125	107	Private
Bennington College	600-700; 530-650	125	107	Private
Garden City Community College	25-30	125	19	Public
Sarah Lawrence College	600-700; 540-640	125	107	Private
University of Florida	560-660; 580-680	125	19	Public
University of Missouri - Rolla	25-30	125	19	Public
University of the South	580-660; 580-660	125	107	Private
Willamette University	570-670; 570-670	125	107	Private
Wofford College	570-660; 570-680	125	107	Private
Austin College	568-680; 570-660	134	113	Private
Binghamton University	560-640; 590-680	135	22	Public
Kettering University	540-640; 600-690	135	114	Private
Pitzer College	570-660; 570-670	135	114	Private
Christendom College	600-700; 530-630	138	116	Private
Syracuse University	570-640; 580-670	138	116	Private
Truman State University	550-680; 560-670	138	23	Public
University of Miami	550-660; 570-680	138	116	Private
University of Texas - Austin	540-660; 570-690	138	23	Public
American University	570-670; 560-650	143	119	Private
Centre College	560-680; 550-660	143	119	Private
University of Texas - Dallas	540-660; 570-680	143	25	Public
Denison University	560-650; 570-660	146	121	Private
Knox College	550-690; 540-660	146	121	Private
Loyola College in Maryland	560-650; 570-660	146	121	Private
Loyola University New Orleans	570-670; 560-640	146	121	Private
University of Minnesota - Twin Cities	540-660; 560-680	146	26	Public

The Top 200 Institutions - SAT Scores (2003), *continued*

Top 151-198 Institutions in SAT Score (2003)	SAT Range (V; Q) or ACT Range	National Rank	Control Rank	Institutional Control
College of the Atlantic	570-670; 550-640	151	125	Private
Drew University	560-670; 550-650	151	125	Private
Gustavus Adolphus College	540-650; 560-680	151	125	Private
Mary Washington College	570-660; 560-640	151	27	Public
Ohio Wesleyan University	560-650; 560-660	151	125	Private
University of Maryland - Baltimore County	540-640; 580-670	151	27	Public
University of Pittsburgh - Pittsburgh	550-650; 570-660	151	27	Public
Ursinus College	550-660; 560-660	151	125	Private
Birmingham-Southern College	550-670; 540-660	159	130	Private
Cornell College	560-670; 530-660	159	130	Private
Gordon College (MA)	560-670; 550-640	159	130	Private
Goucher College	570-670; 540-640	159	130	Private
Northeastern University	550-640; 570-660	159	130	Private
Rhode Island School of Design	540-650; 550-680	159	130	Private
Rochester Institute of Technology	540-640; 570-670	159	130	Private
Rutgers the State University of NJ - New Brunswick	540-640; 570-670	159	30	Public
University of Puerto Rico - Bayamon	580-670; 540-630	159	30	Public
University of Tulsa	530-690; 530-670	159	130	Private
Wheaton College (MA)	560-640; 570-650	159	130	Private
Clemson University	550-630; 570-660	170	32	Public
Emerson College	570-660; 540-640	170	139	Private
Iowa State University	520-650; 560-680	170	32	Public
Marist College	550-630; 580-650	170	139	Private
Providence College	550-650; 560-650	170	139	Private
Southern Methodist University	550-640; 560-660	170	139	Private
Stony Brook University	540-630; 570-670	170	32	Public
University of Georgia	550-650; 560-650	170	32	Public
Agnes Scott College	550-690; 530-630	178	143	Private
Alma College	540-670; 520-670	178	143	Private
Augustana College (IL)	24-29	178	143	Private
Brigham Young University - Provo	24-29	178	143	Private
Calvin College	540-660; 540-660	178	143	Private
College of Charleston	560-640; 560-640	178	36	Public
College of Wooster	540-660; 550-650	178	143	Private
Luther College	540-640; 550-670	178	143	Private
Messiah College	550-650; 550-650	178	143	Private
North Carolina State University	530-630; 570-670	178	36	Public
Saint Louis University - St. Louis	540-650; 550-660	178	143	Private
Allegheny College	540-650; 550-650	189	152	Private
Clark University	550-660; 540-640	189	152	Private
Drexel University	504-630; 560-660	189	152	Private
Fairfield University	550-630; 560-650	189	152	Private
Michigan Technological University	510-640; 560-680	189	38	Public
Pennsylvania State University - University Park	530-630; 560-670	189	38	Public
Pepperdine University	540-640; 550-660	189	152	Private
University of California - Irvine	520-620; 570-680	189	38	Public
Tabor College	400-770; 500-712	197	157	Private
Covenant College	540-670; 520-650	198	158	Private
Drake University	530-650; 550-650	198	158	Private
St. John's University (MN)	520-650; 550-660	198	158	Private
Stonehill College	550-630; 560-640	198	158	Private
University of California - Davis	510-630; 570-670	198	41	Public
University of California - Santa Barbara	530-640; 550-660	198	41	Public
University of Dallas	540-680; 520-640	198	158	Private
University of Washington - Seattle	520-640; 550-670	198	41	Public

The Top 200 Institutions - National Merit and Achievement Scholars (2004)

Top 50 Institutions in Merit and Achievement Scholars (2004)	Number of Scholars	National Rank	Control Rank	Institutional Control
Harvard University	397	1	1	Private
University of Florida	299	2	1	Public
Yale University	285	3	2	Private
Stanford University	274	4	3	Private
University of Texas - Austin	247	5	2	Public
Washington University in St. Louis	224	6	4	Private
Princeton University	219	7	5	Private
University of Chicago	204	8	6	Private
University of Southern California	198	9	7	Private
Rice University	184	10	8	Private
University of Oklahoma - Norman	171	11	3	Public
Arizona State University - Tempe	163	12	4	Public
Northwestern University	162	13	9	Private
Massachusetts Institute of Technology	156	14	10	Private
New York University	155	15	11	Private
University of North Carolina - Chapel Hill	153	16	5	Public
Vanderbilt University	151	17	12	Private
Texas A&M University	130	18	6	Public
Duke University	125	19	13	Private
Brigham Young University - Provo	119	20	14	Private
Georgia Institute of Technology	117	21	7	Public
University of California - Los Angeles	116	22	8	Public
University of Pennsylvania	109	23	15	Private
Ohio State University - Columbus	105	24	9	Public
Carleton College	82	25	16	Private
University of Arizona	76	26	10	Public
Iowa State University	70	27	11	Public
Purdue University - West Lafayette	70	27	11	Public
University of California - Berkeley	68	29	13	Public
University of Tulsa	68	29	17	Private
Brown University	67	31	18	Private
University of Georgia	67	31	14	Public
Tufts University	66	33	19	Private
University of Nebraska - Lincoln	65	34	15	Public
Emory University	64	35	20	Private
University of Michigan - Ann Arbor	64	35	16	Public
Columbia University	60	37	21	Private
University of Kansas - Lawrence	60	37	17	Public
Tulane University	59	39	22	Private
Boston University	56	40	23	Private
University of Notre Dame	56	40	23	Private
Case Western Reserve University	55	42	25	Private
Dartmouth College	54	43	26	Private
Oberlin College	53	44	27	Private
University of Minnesota - Twin Cities	53	44	18	Public
California Institute of Technology	52	46	28	Private
Cornell University	52	46	28	Private
St. Olaf College	51	48	30	Private
Johns Hopkins University	50	49	31	Private
Baylor University	49	50	32	Private

The Top 200 Institutions - National Merit and Achievement Scholars (2004), *continued*

Top 51-104 Institutions in Merit and Achievement Scholars (2004)	Number of Scholars	National Rank	Control Rank	Institutional Control
Harvey Mudd College	48	51	33	Private
University of Arkansas - Fayetteville	48	51	19	Public
University of California - San Diego	48	51	19	Public
Grinnell College	47	54	34	Private
Macalester College	47	54	34	Private
Michigan State University	46	56	21	Public
University of South Carolina - Columbia	46	56	21	Public
University of Maryland - College Park	41	58	23	Public
Louisiana State University - Baton Rouge	40	59	24	Public
University of Virginia	39	60	25	Public
University of Alabama - Tuscaloosa	38	61	26	Public
University of Texas - Dallas	38	61	26	Public
Whitman College	38	61	36	Private
Clemson University	37	64	28	Public
Georgetown University	37	64	37	Private
University of Kentucky	36	66	29	Public
University of Washington - Seattle	36	66	29	Public
University of Wisconsin - Madison	36	66	29	Public
Wheaton College (IL)	35	69	38	Private
Pomona College	34	70	39	Private
Williams College	34	70	39	Private
Brandeis University	33	72	41	Private
Mississippi State University	33	72	32	Public
Furman University	32	74	42	Private
University of Missouri - Columbia	32	74	33	Public
Kenyon College	30	76	43	Private
University of Central Florida	30	76	34	Public
Howard University	29	78	44	Private
Rose-Hulman Institute of Technology	29	78	44	Private
University of Illinois - Urbana-Champaign	29	78	35	Public
University of Mississippi - Oxford	29	78	35	Public
George Washington University	28	82	46	Private
North Carolina State University	27	83	37	Public
Swarthmore College	27	83	47	Private
University of Richmond	27	83	47	Private
University of Rochester	27	83	47	Private
Washington and Lee University	27	83	47	Private
Auburn University	26	88	38	Public
Bowdoin College	26	88	51	Private
University of Iowa	26	88	38	Public
Amherst College	25	91	52	Private
University of Tennessee - Knoxville	25	91	40	Public
Carnegie Mellon University	24	93	53	Private
University of Miami	24	93	53	Private
University of Louisville	23	95	41	Public
University of Pittsburgh - Pittsburgh	23	95	41	Public
Rensselaer Polytechnic Institute	22	97	55	Private
Indiana University - Bloomington	21	98	43	Public
Pennsylvania State University - University Park	21	98	43	Public
University of Houston - University Park	21	98	43	Public
Calvin College	20	101	56	Private
Miami University - Oxford	20	101	46	Public
West Virginia University	20	101	46	Public
Claremont McKenna College	19	104	57	Private
Virginia Polytechnic Institute and State University	19	104	48	Public

The Top 200 Institutions - National Merit and Achievement Scholars (2004), *continued*

Top 105-149 Institutions in Merit and Achievement Scholars (2004)	Number of Scholars	National Rank	Control Rank	Institutional Control
University of Delaware	18	106	49	Public
University of South Florida	18	106	49	Public
American University	17	108	58	Private
Davidson College	17	108	58	Private
Florida State University	17	108	51	Public
Scripps College	17	108	58	Private
University of Dayton	17	108	58	Private
Worcester Polytechnic Institute	17	108	58	Private
Boston College	16	114	63	Private
Marquette University	16	114	63	Private
Rutgers the State University of NJ - New Brunswick	16	114	52	Public
University of Utah	16	114	52	Public
Colorado College	15	118	65	Private
Willamette University	15	118	65	Private
Bowling Green State University - Bowling Green	14	120	54	Public
Kansas State University	14	120	54	Public
Messiah College	14	120	67	Private
Rhodes College (TN)	14	120	67	Private
Rochester Institute of Technology	14	120	67	Private
Saint Louis University - St. Louis	14	120	67	Private
Southern Methodist University	14	120	67	Private
University of California - Davis	14	120	54	Public
University of Oregon	14	120	54	Public
Wake Forest University	14	120	67	Private
Illinois Wesleyan University	13	130	73	Private
Trinity University	13	130	73	Private
Truman State University	13	130	58	Public
Wellesley College	13	130	73	Private
Colorado State University	12	134	59	Public
Hope College	12	134	76	Private
University of California - Irvine	12	134	59	Public
University of Evansville	12	134	76	Private
College of William and Mary	11	138	61	Public
DePauw University	11	138	78	Private
Harding University	11	138	78	Private
Hendrix College	11	138	78	Private
Hillsdale College	11	138	78	Private
Samford University	11	138	78	Private
Texas Tech University	11	138	61	Public
University of North Texas	11	138	61	Public
Denison University	10	146	83	Private
Gonzaga University	10	146	83	Private
University of California - Santa Barbara	10	146	64	Public
Abilene Christian University	9	149	85	Private
Gordon College (MA)	9	149	85	Private
Ithaca College	9	149	85	Private
University of Idaho	9	149	65	Public

The Top 200 Institutions - National Merit and Achievement Scholars (2004), continued

Top 153-187 Institutions in Merit and Achievement Scholars (2004)	Number of Scholars	National Rank	Control Rank	Institutional Control
Kalamazoo College	8	153	88	Private
Lehigh University	8	153	88	Private
Lewis & Clark College	8	153	88	Private
Louisiana Tech University	8	153	66	Public
Loyola University Chicago	8	153	88	Private
Middlebury College	8	153	88	Private
Morehouse College	8	153	88	Private
Ohio University - Athens	8	153	66	Public
Oklahoma State University - Stillwater	8	153	66	Public
Oregon State University	8	153	66	Public
University of Puget Sound	8	153	88	Private
University of Southern Mississippi	8	153	66	Public
Vassar College	8	153	88	Private
Ball State University	7	166	71	Public
Butler University	7	166	96	Private
Fordham University	7	166	96	Private
Luther College	7	166	96	Private
Montana State University - Bozeman	7	166	71	Public
Occidental College	7	166	96	Private
Pepperdine University	7	166	96	Private
Seattle Pacific University	7	166	96	Private
University of Cincinnati - Cincinnati	7	166	71	Public
University of Montana - Missoula	7	166	71	Public
University of the South	7	166	96	Private
Villanova University	7	166	96	Private
Westmont College	7	166	96	Private
Bradley University	6	179	105	Private
Bucknell University	6	179	105	Private
Transylvania University	6	179	105	Private
University of Alabama - Birmingham	6	179	75	Public
University of Dallas	6	179	105	Private
University of Missouri - Rolla	6	179	75	Public
University of St. Thomas (MN)	6	179	105	Private
Xavier University	6	179	105	Private
Albion College	5	187	111	Private
Austin College	5	187	111	Private
Barnard College	5	187	111	Private
Birmingham-Southern College	5	187	111	Private
Earlham College	5	187	111	Private
Gustavus Adolphus College	5	187	111	Private
Hampton University	5	187	111	Private
Knox College	5	187	111	Private
North Carolina Central University	5	187	77	Public
Reed College	5	187	111	Private
Texas Christian University	5	187	111	Private
University of Maryland - Baltimore County	5	187	77	Public
Utah State University	5	187	77	Public
Valparaiso University	5	187	111	Private

Source Notes

The Center Measures

Total Research Expenditures Federal Research Expenditures

Source: NSF/SRS Survey of R&D Expenditures at Universities and Colleges, FY 2003.

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 expenditures 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.

1. Academic R&D Expenditures, FY 2000: Technical Notes (On-line: <http://www.nsf.gov/sbe/srs/nsf02308/secta.htm>)
2. National Patterns of R&D Resources, 1998: Technical Notes (On-line: <http://www.nsf.gov/sbe/srs/nsf99335/appa.htm>)

In some sections of this report, these expenditure data are deflated to constant 1983 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 Higher Education Price Index (HEPI) because of its narrower focus. Developed by Research Associates of Washington, the HEPI illustrates the effect of inflation on college and university operations.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 2003 Survey data for fiscal years (FYs) 2001-02, the 2002 Survey for FYs 1995-2000 data, and the 2001 Survey for FY 1994 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, 2004.

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.

3. College and University Higher Education Price Index, 2005 Update, Research Associates of Washington, Washington, DC.
4. National Patterns of R&D Resources, 1998: Technical Notes (On-line: <http://www.nsf.gov/sbe/srs/nsf99335/appa.htm>)

Annual Giving

Source: Council for Aid to Education's Voluntary Support of Education (VSE) Survey, FY 2004.

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.

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

National Academy Members

Source: National Academy of Sciences, National Academy of Engineering, and Institute of Medicine membership directories for 2004.

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

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

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

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

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

- American Council of Learned Societies (ACLS) Fellows, 2003-04
- Beckman Young Investigators, 2004
- Burroughs Wellcome Fund Career Awards, 2004
- Cottrell Scholars, 2004
- Fulbright American Scholars, 2004-05
- Getty Scholars in Residence, 2004-05
- Guggenheim Fellows, 2004
- Howard Hughes Medical Institute Investigators, 2004
- Lasker Medical Research Awards, 2004
- MacArthur Foundation Fellows, 2004
- Andrew W. Mellon Foundation Distinguished Achievement Awards, 2004
- National Endowment for the Humanities (NEH) Fellows, 2005
- National Humanities Center Fellows, 2004-05
- National Institutes of Health (NIH) MERIT (R37) FY 2004
- National Medal of Science and National Medal of Technology, 2003
- NSF CAREER awards (excluding those who are also PECASE winners), 2004
- Newberry Library Long-term Fellows, 2004-05
- Pew Scholars in Biomedicine, 2004
- Presidential Early Career Awards for Scientists and Engineers (PECASE), 2004

- Robert Wood Johnson Policy Fellows, 2004-05
- Searle Scholars, 2004
- Sloan Research Fellows, 2004
- US Secretary of Agriculture Honor Awards, 2004
- Woodrow Wilson Fellows, 2004-05

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, 2003, and June 30, 2004.

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

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

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

Postdoctoral Appointees

Source: NSF/Division of Science Resource Statistics (SRS) Survey of Graduate Students and Postdoctorates in Science and Engineering, Fall 2003.

Each year, NSF and NIH collect data from all institutions offering graduate programs in any science, engineering, or health field. The Survey of Graduate Students and Postdoctorates in Science and Engineering (also called the Graduate Student Survey or GSS) reflects graduate enrollment and postdoctoral employment at the beginning of the academic year. Postdoctorates are defined in the GSS as “individuals

with science and engineering PhD's, MD's, DDS's or DVM's and foreign degrees equivalent to U.S. doctorates who devote their primary effort to their own research training through research activities or study in the department under temporary appointments carrying no academic rank.” The definition excludes clinical fellows and those in medical residency training programs unless the primary purpose of their appointment is for research training under a senior mentor.

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

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

SAT Scores

Source: The Annual Survey of Colleges of the College Board and Data Base, 2004-2005. Copyright © 2004 College Entrance Examination Board. All rights reserved.

The College Board reports the 25th and 75th percentiles for verbal and quantitative SAT I scores for most institutions in our study. The institutions submit these data to The College Board each spring through its Annual Survey of Colleges. For our measure, we calculated the median of that range. Some institutions report the ACT instead of the SAT to The College Board. In those cases, we use a conversion table provided by The College Board to generate a comparable SAT equivalent score.⁶ When an institution submits neither an SAT nor ACT score, we substitute data from the prior year reported.

5. Survey Methodology: Survey of Graduate Students and Postdoctorates in Science and Engineering (Online: <http://www.nsf.gov/statistics/srvygradpostdoc/>)
6. Concordance Between SAT I and ACT Scores for Individual Students, Research Notes 07, June 1999 (Online: http://www.collegeboard.org/research/html/rn_indx.html)

Other Measures of Undergraduate Quality

National Merit and Achievement Scholars

Source: The 2003-04 National Merit Scholarship Corporation Annual Report, which reflects the 2004 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, 2003, and June 30, 2004.

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

NSF/SRS Survey of R&D Expenditures at Universities and Colleges, FY 2003.

In addition to reporting expenditure data by source of funds, NSF identifies in what major disciplines the money is expended. In the Research by Discipline table (Data Tables, pp. 58), 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, pp. 154) provides a summary measure of an institution's research strength and concentration based on these discipline-level expenditures. Universities with 95-100% of their federal research dollars spent in one particular discipline are coded as "all." We identify institutions with 75-94% in one area as "heavy" and label those with 50-74% of their expenditures concentrated as "strong." Other universities with 25-49% in one or more disciplines we describe as "moderate." A few institutions (but none in the more than \$20 million group) have expenditures distributed fairly evenly across the disciplines; those we code as "mixed."

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

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

Student Characteristics

Fall Enrollment

Source: NCES IPEDS Fall Enrollment Survey, 2003.

Each November, 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 2003 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			
2003 Total Research Expenditures (NSF)	\$145,591	\$145,591	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2003 Federal Research Expenditures (NSF)	\$71,741	\$71,741	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2004 Endowment Assets (NACUBO)	\$247,892	\$247,892	Estimate at least 97% is main campus, per institution. All dollars credited to Tempe campus.
2004 Annual Giving (CAE VSE Survey)	\$78,236	\$73,542	Estimate 94% is Tempe campus, with institution's knowledge.
Auburn University			
2003 Total Research Expenditures (NSF)	\$124,103	\$124,103	Estimate at least 97% is main campus, per institution. All dollars credited to Auburn campus.
2003 Federal Research Expenditures (NSF)	\$45,374	\$45,374	Estimate at least 97% is main campus, per institution. All dollars credited to Auburn campus.
2004 Endowment Assets (NACUBO)	\$288,968	\$269,029	Estimate 93.1% is Auburn campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$54,251	\$50,942	Estimate 93.9% is Auburn campus, per institution.
Boston College			
2003 SAT Score (The College Board)	Not Reported	590-680; 610-690	Data provided on institution's Web site.
California Institute of Technology			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
Carnegie Mellon University			
2003 SAT Score (The College Board)	Not Reported	600-710; 680-770	Data provided on institution's Web site.
Charles R. Drew University of Medicine and Science			
2004 Endowment Assets (NACUBO)	Not Reported	\$26,000	Data provided on institution's Web site.
Columbia University			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
Cornell University			
2003 Total Research Expenditures (NSF)	\$504,662	\$356,049	Estimate 70.6% is main campus, per institution.
2003 Federal Research Expenditures (NSF)	\$321,352	\$212,991	Estimate 66.3% is main campus, per institution.
2004 Endowment Assets (NACUBO)	\$3,238,350	\$2,654,312	Estimate 82% is main campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$385,936	\$270,155	Estimate 70% is main campus, per institution.
Cornell University Weill Medical College			
2003 Total Research Expenditures (NSF)	\$504,662	\$148,573	Estimate 29.4% is Weill Medical College campus, per institution.
2003 Federal Research Expenditures (NSF)	\$321,352	\$108,360	Estimate 33.7 is Weill Medical College campus, per institution.
2004 Endowment Assets (NACUBO)	\$3,238,350	\$584,038	Estimate 18% is Weill Medical College campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$385,936	\$115,781	Estimate 30% is Weill Medical College campus, per institution.
George Mason University			
2004 Endowment Assets (NACUBO)	Not Reported	\$37,500	Data provided on institution's Web site
Georgia Institute of Technology			
2004 Endowment Assets (NACUBO)	\$814,963	\$1,117,634	Data represent both the Georgia Tech Foundation and the Georgia Institute of Technology, per institution.
Harvard University			
2003 SAT Score (The College Board)	Not Reported	700-790; 700-800	Data provided by institution.
Indiana University - Bloomington			
2003 Total Research Expenditures (NSF)	\$337,669	\$135,068	Estimate 40% is Bloomington campus, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$153,625	\$61,450	Estimate 40% is Bloomington campus, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$1,012,707	\$526,608	Estimate 52% is Bloomington campus, with institution's knowledge
2004 Annual Giving (CAE VSE Survey)	\$251,467	\$59,134	Data provided on 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
Indiana University-Purdue University - Indianapolis			
2003 Total Research Expenditures (NSF)	\$337,669	\$202,601	Estimate 60% is IUPUI campus, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$153,625	\$92,175	Estimate 60% is IUPUI campus, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$1,012,707	\$486,099	Estimate 48% is IUPUI campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$251,467	\$58,136	Data provided on institution's Web site.
Johns Hopkins University			
2003 Total Research Expenditures (NSF)	\$1,244,132	\$1,244,132	Johns Hopkins' primarily federally funded Applied Physics Lab had \$507 million in total FY 03 R&D expenditures.
2003 Federal Research Expenditures (NSF)	\$1,106,971	\$1,106,971	Johns Hopkins' primarily federally funded Applied Physics Lab had \$582 million in federal FY 03 R&D expenditures.
Louisiana State University - Baton Rouge			
2003 Total Research Expenditures (NSF)	\$314,665	\$206,677	Estimate 65.7% is Baton Rouge campus, per institution.
2003 Federal Research Expenditures (NSF)	\$99,362	\$48,656	Estimate 49% is Baton Rouge campus, per institution.
2004 Endowment Assets (NACUBO)	\$460,365	\$257,804	Estimate 56% is Baton Rouge campus, per institution.
Louisiana State University Health Sciences Center			
2003 Total Research Expenditures (NSF)	\$314,665	\$81,807	Estimate 26% is Health Sciences Center campus, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$99,362	\$35,908	Estimate 36.1% is Health Sciences Center campus, per institution.
2004 Endowment Assets (NACUBO)	\$460,365	\$58,927	Estimate 12.8% is Health Sciences Center campus, per institution.
Loyola University Chicago			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
Massachusetts Institute of Technology			
Total Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
Medical College of Wisconsin			
2004 Endowment Assets (NACUBO)	\$372,535	\$372,535	Large increase from FY2003 to FY2004 is due to a gift of approximately \$320 million.
2004 Annual Giving (CAE VSE Survey)	Not Reported	\$12,200	Data obtained on institution's Web site.
Morehouse School of Medicine			
Endowment Assets Revision			Institution reported FY 03 data for the first time in FY 04 NACUBO survey.
New Jersey Institute of Technology			
Total Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
Federal Research Expenditures Revision			Institution revised FY 02 data in FY 03 survey.
New Mexico State University - Las Cruces			
2003 Total Research Expenditures (NSF)	\$108,613	\$108,613	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Las Cruces campus.
2003 Federal Research Expenditures (NSF)	\$75,368	\$75,368	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Las Cruces campus.
2004 Endowment Assets (NACUBO)	\$110,020	\$110,020	Estimate at least 97% is main campus, per institution. All dollars credited to Las Cruces campus.
2004 Annual Giving (CAE VSE Survey)	\$21,415	\$21,415	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Las Cruces campus.
North Carolina State University			
Federal Research Expenditures Revision			Institution revised FY 02 data in FY 03 survey.
North Dakota State University			
2004 Endowment Assets (NACUBO)	Not Reported	\$12,601	Data provided on institution's Web site.
2004 Annual Giving (CAE VSE Survey)	Not Reported	\$9,941	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
Ohio State University - Columbus			
2003 Total Research Expenditures (NSF)	\$496,438	\$496,438	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2003 Federal Research Expenditures (NSF)	\$198,488	\$198,488	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2004 Endowment Assets (NACUBO)	\$1,541,175	\$1,541,175	Estimate at least 97% is main campus, per institution. All dollars credited to Columbus campus.
2004 Annual Giving (CAE VSE Survey)	\$206,078	\$206,078	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Columbus.
Oklahoma State University - Stillwater			
2003 Total Research Expenditures (NSF)	\$103,079	\$103,079	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Stillwater campus.
2003 Federal Research Expenditures (NSF)	\$37,748	\$37,748	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Stillwater campus.
2004 Endowment Assets (NACUBO)	\$169,127	\$169,127	Estimate at least 97% is main campus, per institution. All dollars credited to Stillwater campus.
2004 Annual Giving (CAE VSE Survey)	\$41,028	\$41,028	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Stillwater.
Oregon Health & Science University			
2004 Annual Giving (CAE VSE Survey)	Not Reported	\$87,100	Data provided by institution. Large increase over FY 2003 due to large land gift.
Oregon State University			
2004 Annual Giving (CAE VSE Survey)	\$51,927	\$51,927	Large increase over FY2003 due to large fund-raising campaign, as well as change in reporting guidelines.
Pennsylvania State University - Hershey Medical Ctr			
2003 Total Research Expenditures (NSF)	\$533,427	\$53,343	Estimate 10% is Hershey campus, per institution. Institution revised FY 02 data in FY 03 NSF survey.
2003 Federal Research Expenditures (NSF)	\$301,094	\$30,109	Estimate 10% is Hershey campus, per institution.
2004 Endowment Assets (NACUBO)	\$1,056,078	\$158,412	Estimate 15% is Hershey campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$151,268	\$27,228	Estimate 18% is Hershey campus, per institution.
Pennsylvania State University - University Park			
2003 Total Research Expenditures (NSF)	\$533,427	\$480,084	Estimate 90% is University Park campus, per institution. Institution revised FY 02 data in FY 03 NSF survey.
2003 Federal Research Expenditures (NSF)	\$301,094	\$270,985	Estimate 90% is University Park campus, per institution.
2004 Endowment Assets (NACUBO)	\$1,056,078	\$779,174	Estimate 73.78% is University Park campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$151,268	\$107,400	Estimate 71% is University Park campus, per institution.
Purdue University - West Lafayette			
2003 Total Research Expenditures (NSF)	\$309,476	\$309,476	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to West Lafayette campus.
2003 Federal Research Expenditures (NSF)	\$129,199	\$129,199	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to West Lafayette campus.
2004 Endowment Assets (NACUBO)	\$1,207,131	\$1,207,131	Estimate at least 97% is main campus, per institution. All dollars credited to West Lafayette campus.
2004 Annual Giving (CAE VSE Survey)	\$176,051	\$163,727	Estimate 93% is West Lafayette campus, per institution.
Rutgers the State University of NJ - New Brunswick			
2003 Total Research Expenditures (NSF)	\$274,576	\$244,373	Estimate 89% is New Brunswick campus, per institution.
2003 Federal Research Expenditures (NSF)	\$106,060	\$94,393	Estimate 89% is New Brunswick campus, per institution.
2004 Endowment Assets (NACUBO)	\$449,889	\$413,898	Estimate 92% is New Brunswick campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$73,541	\$63,245	Estimate 86% is New Brunswick 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
Texas A&M University			
2004 Endowment Assets (NACUBO)	\$4,373,047	\$4,023,641	Estimate 92.01% is University campus, per institution.
Texas A&M University System Health Sciences Center			
2004 Endowment Assets (NACUBO)	\$4,373,047	\$63,846	Estimate 1.46% is Health Sciences Center campus, per institution.
Texas Tech University			
2003 Total Research Expenditures (NSF)	\$92,515	\$69,714	Estimate 75% is main campus, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$31,776	\$23,165	Estimate 72.9% is main campus, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$392,595	\$247,335	Estimate 63% is Texas Tech campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$48,363	\$42,076	Estimate 87% is Texas Tech campus, per institution.
Tulane University			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
University at Albany			
2004 Annual Giving (CAE VSE Survey)	\$96,397	\$96,397	Large increase from FY 2003 due to large equipment gift.
University at Buffalo			
Total Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
Federal Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
University of Alabama - Birmingham			
2004 Endowment Assets (NACUBO)	\$699,200	\$285,274	Estimate 40.8% is Birmingham campus, per institution.
University of Alabama - Huntsville			
2004 Endowment Assets (NACUBO)	\$699,200	\$22,374	Estimate 3.2% is Huntsville campus, per institution.
University of Alabama - Tuscaloosa			
2004 Endowment Assets (NACUBO)	\$699,200	\$391,552	Estimate 56% is Tuscaloosa campus, per institution.
University of Alaska - Fairbanks			
2004 Endowment Assets (NACUBO)	\$207,382	\$136,872	Estimate 66% is Fairbanks campus, per institution. Large increase in percentage attributed to Fairbanks due to more accurate breakdown among campuses.
2004 Annual Giving (CAE VSE Survey)	Not Reported	\$7,740	Data provided by institution.
University of Arkansas - Fayetteville			
2004 Endowment Assets (NACUBO)	\$626,446	\$566,544	Data provided by institution.
University of Arkansas for Medical Sciences			
2004 Endowment Assets (NACUBO)	Not Reported	\$70,103	Data provided by institution.
University of California - Berkeley			
2004 Endowment Assets (NACUBO)	Not Reported	\$2,037,297	Data provided by institution.
University of California - Davis			
2004 Endowment Assets (NACUBO)	Not Reported	\$76,040	Data provided by institution.
University of California - Riverside			
2004 Endowment Assets (NACUBO)	Not Reported	\$76,691	Data provided by institution.
University of California - Santa Barbara			
2004 Endowment Assets (NACUBO)	Not Reported	\$106,340	Data provided by institution.
University of California - Santa Cruz			
2004 Endowment Assets (NACUBO)	Not Reported	\$80,068	Data provided by institution.
University of Chicago			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
University of Cincinnati - Cincinnati			
2004 Endowment Assets (NACUBO)	\$987,785	\$987,785	Estimate at least 97% is main campus. All dollars credited to Cincinnati campus.
2004 Annual Giving (CAE VSE Survey)	\$51,384	\$51,384	Estimate at least 99% is main campus, per institution. All dollars credited to Cincinnati 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 Colorado - Boulder			
2003 Total Research Expenditures (NSF)	\$436,761	\$214,013	Estimate 49% is Boulder campus, per institution.
2003 Federal Research Expenditures (NSF)	\$377,941	\$192,750	Estimate 51% is Boulder campus, per institution.
2004 Endowment Assets (NACUBO)	\$499,794	\$249,897	Estimate 50% is Boulder campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$86,789	\$34,716	Estimate 40% is Boulder campus, with institution's knowledge.
University of Colorado Health Sciences Center			
2003 Total Research Expenditures (NSF)	\$436,761	\$218,381	Estimate 50% is Health Sciences Center campus, per institution.
2003 Federal Research Expenditures (NSF)	\$377,941	\$181,412	Estimate 48% is Health Sciences Center campus, per institution.
2004 Endowment Assets (NACUBO)	\$499,794	\$154,936	Estimate 31% is Health Sciences Center campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$86,789	\$37,319	Estimate 43% is Health Sciences Center campus, with institution's knowledge.
University of Connecticut - Health Center			
2003 Total Research Expenditures (NSF)	\$190,341	\$102,784	Estimate 54% is Health Center campus, per institution.
2003 Federal Research Expenditures (NSF)	\$111,654	\$58,060	Estimate 52% is Health Center campus, per institution.
2004 Endowment Assets (NACUBO)	\$196,971	\$65,000	Estimate 33% is Health Center, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$44,800	\$8,960	Estimate 20% is Health Center campus, with institution's knowledge.
University of Connecticut - Storrs			
2003 Total Research Expenditures (NSF)	\$190,341	\$87,557	Estimate 46% is Storrs campus, per institution.
2003 Federal Research Expenditures (NSF)	\$111,654	\$53,593	Estimate 48% is Storrs campus, per institution.
2004 Endowment Assets (NACUBO)	\$196,971	\$131,971	Estimate 67% is Storrs campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$44,800	\$35,840	Estimate 80% is Storrs campus, with institution's knowledge.
University of Hawaii - Manoa			
2004 Endowment Assets (NACUBO)	\$176,806	\$166,198	Estimate 94% is Manoa campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$24,015	\$19,212	Estimate 80% is Manoa campus, per institution.
University of Houston - University Park			
2004 Endowment Assets (NACUBO)	\$402,525	\$309,944	Estimate 77% is University Park campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$42,108	\$31,160	Estimate 74% is University Park campus, with institution's knowledge.
University of Illinois - Chicago			
2004 Endowment Assets (NACUBO)	\$1,058,167	\$137,561	Estimate 13% is Chicago campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$174,579	\$40,153	Data provided by institution. Estimate 23% is Chicago campus, per institution.
University of Illinois - Urbana-Champaign			
2004 Endowment Assets (NACUBO)	\$1,058,167	\$730,135	Estimate 69% is Urbana-Champaign campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$174,579	\$125,697	Data provided by institution. Estimate 72% is Urbana-Champaign campus, per institution.
University of Kansas - Lawrence			
2003 Total Research Expenditures (NSF)	\$173,024	\$105,816	Estimate 61.2% is Lawrence campus, per institution.
2003 Federal Research Expenditures (NSF)	\$90,876	\$53,072	Estimate 58.4% is Lawrence campus, per institution.
2004 Endowment Assets (NACUBO)	\$849,255	\$662,419	Estimate 78% is Lawrence campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$92,431	\$73,020	Estimate 79% is Lawrence campus, per institution.
University of Kansas Medical Center			
2003 Total Research Expenditures (NSF)	\$173,024	\$67,208	Estimate 38.8% is Medical Center campus, per institution.
2003 Federal Research Expenditures (NSF)	\$90,876	\$37,804	Estimate 41.6% is Medical Center campus, per institution.
2004 Endowment Assets (NACUBO)	\$849,255	\$178,344	Estimate 21% is Medical Center campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$92,431	\$18,486	Estimate 20% is Medical Center campus, per institution.
University of Kentucky			
2003 SAT Score (The College Board)	Not Reported	510-620; 510-630	Data obtained from IPEDS.
University of Maine - Orono			
2004 Annual Giving (CAE VSE Survey)	\$31,456	\$31,456	Large increase from FY2003 is due to a patent gift.
University of Maryland - Baltimore			
2004 Endowment Assets (NACUBO)	\$533,059	\$133,655	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 Maryland - Baltimore County			
2004 Endowment Assets (NACUBO)	\$533,059	\$26,464	Data provided by institution.
University of Maryland - College Park			
2004 Endowment Assets (NACUBO)	\$533,059	\$295,816	Data provided by institution.
University of Massachusetts - Amherst			
2004 Endowment Assets (NACUBO)	\$196,266	\$80,469	Estimate 41% is Amherst campus, per institution.
University of Massachusetts Medical Sch - Worcester			
2004 Endowment Assets (NACUBO)	\$196,266	\$37,291	Estimate 19% is Worcester campus, per institution.
University of Medicine & Dentistry of New Jersey			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
2004 Annual Giving (CAE VSE Survey)	Not Reported	\$21,600	Data obtained on institution's Web site.
University of Michigan - Ann Arbor			
2003 Total Research Expenditures (NSF)	\$780,054	\$780,054	Estimate at least 97% is main campus, per institution. All dollars credited to Ann Arbor campus.
2003 Federal Research Expenditures (NSF)	\$516,818	\$516,818	Estimate at least 97% is main campus, per institution. All dollars credited to Ann Arbor campus.
2004 Endowment Assets (NACUBO)	\$4,163,382	\$4,163,382	Estimate at least 97% is main campus, per institution. All dollars credited to Ann Arbor campus.
2004 Annual Giving (CAE VSE Survey)	\$211,610	\$211,610	Estimate at least 97% is attributable to main campus, per institution. All dollars credited to Ann Arbor.
University of Minnesota - Twin Cities			
2003 Total Research Expenditures (NSF)	\$508,557	\$508,557	Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2003 Federal Research Expenditures (NSF)	\$293,266	\$293,266	Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2004 Endowment Assets (NACUBO)	\$1,542,863	\$1,730,063	Includes Minnesota Medical Foundation. Estimate at least 97% is main campus, per institution. All dollars credited to Twin Cities campus.
2004 Annual Giving (CAE VSE Survey)	\$249,782	\$249,782	Estimate at least 97% is attributable to main campus, per institution. All dollars credited to Twin Cities.
University of Mississippi - Oxford			
2003 Total Research Expenditures (NSF)	\$85,378	\$49,861	Estimate 58.4% is Oxford campus, per institution. Institution revised FY 02 data in FY 03 NSF survey.
2003 Federal Research Expenditures (NSF)	\$62,140	\$40,577	Estimate 65.3% is Oxford campus, per institution. Institution revised FY 02 data in FY 03 survey.
2004 Endowment Assets (NACUBO)	\$367,286	\$308,888	Estimate 84.1% is Oxford campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$48,839	\$39,462	Estimate 80.8% is Oxford campus, per institution.
University of Mississippi Medical Center			
2003 Total Research Expenditures (NSF)	\$85,378	\$33,517	Estimate 41.6% is Medical Center campus, per institution. Institution revised FY 02 data in FY 03 NSF survey.
2003 Federal Research Expenditures (NSF)	\$62,140	\$21,563	Estimate 34.7% is Medical Center campus, per institution. Institution revised FY 02 data in FY 03 survey.
2004 Endowment Assets (NACUBO)	\$367,286	\$58,398	Estimate 15.9% is Medical Center campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$48,839	\$9,377	Estimate 19.2% is Medical Center campus, per institution.
University of Missouri - Columbia			
2004 Endowment Assets (NACUBO)	\$844,477	\$570,866	Estimate 67.6% is Columbia 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 Nebraska - Lincoln			
2003 Total Research Expenditures (NSF)	\$276,424	\$191,009	Estimate 69.1% is Lincoln campus given FY 2002 percentages, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$96,627	\$60,005	Estimate 62.1% is Lincoln campus given FY 2002 percentages, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$959,861	\$623,910	Estimate 65% is Lincoln campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$116,719	\$64,195	Estimate 55% is Lincoln campus, per institution.
University of Nebraska Medical Center			
2003 Total Research Expenditures (NSF)	\$276,424	\$79,057	Estimate 28.6% is Medical Center campus given FY 2002 percentages, with institution's knowledge.
2003 Federal Research Expenditures (NSF)	\$96,627	\$33,433	Estimate 34.6% is Medical Center campus given FY 2002 percentages, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$959,861	\$143,979	Estimate 15% is Medical Center campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$116,719	\$35,016	Estimate 30% is Medical Center campus, per institution.
University of Nevada - Reno			
2004 Annual Giving (CAE VSE Survey)	\$32,319	\$32,319	Large increase from FY2003 due to launch of new capital campaign for new library.
University of New Hampshire - Durham			
2003 Total Research Expenditures (NSF)	\$96,415	\$96,415	Estimate at least 97% is main campus, per institution. All dollars credited to Durham campus.
2003 Federal Research Expenditures (NSF)	\$59,463	\$59,463	Estimate at least 97% is main campus, per institution. All dollars credited to Durham campus.
2004 Endowment Assets (NACUBO)	\$184,996	\$166,496	Estimate 90% is Durham campus, with institution's knowledge.
2004 Annual Giving (CAE VSE Survey)	\$12,731	\$12,731	Estimate at least 97% is attributable to main campus, with institution's knowledge. All dollars credited to Durham.
University of New Mexico - Albuquerque			
2004 Endowment Assets (NACUBO)	\$228,680	\$228,680	Estimate at least 97% is main campus, per institution. All dollars credited to Albuquerque campus.
2004 Annual Giving (CAE VSE Survey)	\$39,831	\$39,831	Estimate at least 97% is attributable to main campus, with institution's knowledge. All dollars credited to Albuquerque campus.
University of Oklahoma - Norman			
2003 Total Research Expenditures (NSF)	\$174,466	\$106,424	Estimate 61% is Norman campus, per institution.
2003 Federal Research Expenditures (NSF)	\$75,318	\$36,153	Estimate 48% is Norman campus, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$631,376	\$435,649	Estimate 69% is Norman campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$98,356	\$78,685	Estimate 80% is Norman campus, per institution.
University of Oklahoma Health Sciences Center			
2003 Total Research Expenditures (NSF)	\$174,466	\$68,042	Estimate 39% is Health Sciences Center campus, per institution.
2003 Federal Research Expenditures (NSF)	\$75,318	\$39,165	Estimate 52% is Health Sciences Center campus, with institution's knowledge.
2004 Endowment Assets (NACUBO)	\$631,376	\$195,727	Estimate 31% is Health Sciences Center campus, per institution.
2004 Annual Giving (CAE VSE Survey)	\$98,356	\$19,671	Estimate 20% is Health Sciences Center, per institution.
University of Pittsburgh - Pittsburgh			
2003 Total Research Expenditures (NSF)	\$409,684	\$409,684	Estimate at least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2003 Federal Research Expenditures (NSF)	\$345,625	\$345,625	Estimate at least 97% is main campus, per institution. All dollars credited to Pittsburgh campus.
2004 Endowment Assets (NACUBO)	\$1,364,882	\$1,364,882	Estimate at least 97% is main campus, with institution's knowledge. All dollars credited to Pittsburgh campus.
2004 Annual Giving (CAE VSE Survey)	\$95,457	\$95,457	Estimate at least 97% is attributable to main campus, with institution's knowledge. All dollars credited to Pittsburgh.
University of Rochester			
2003 SAT Score (The College Board)	Not Reported	600-700; 630-710	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 South Carolina - Columbia			
2003 Total Research Expenditures (NSF)	\$121,410	\$121,410	Estimate at least 97% is main campus, per institution. All dollars credited to Columbia campus.
2003 Federal Research Expenditures (NSF)	\$63,044	\$63,044	Estimate at least 97% is main campus, per institution. All dollars credited to Columbia campus.
2004 Endowment Assets (NACUBO)	\$329,791	\$329,791	Estimate at least 97% is main campus, per institution. All dollars credited to Columbia campus.
2004 Annual Giving (CAE VSE Survey)	\$49,298	\$44,368	Estimate 90% is Columbia campus, per institution.
University of South Florida			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.
University of Tennessee - Knoxville			
2003 Total Research Expenditures (NSF)	\$217,389	\$217,389	Estimate at least 97% is main campus, per institution. All dollars credited to Knoxville campus.
2003 Federal Research Expenditures (NSF)	\$100,486	\$100,486	Estimate at least 97% is main campus, per institution. All dollars credited to Knoxville campus.
2004 Endowment Assets (NACUBO)	\$666,085	\$506,225	Estimate 76% is Knoxville campus, per institution.
University of Texas - Austin			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$2,038,938	Substituted FY 04 VSE data, per institution.
University of Texas Health Science Center - Houston			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$113,459	Substituted FY 04 VSE data, per institution.
University of Texas Health Science Center - San Antonio			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$278,385	Substituted FY 04 VSE data, per institution.
University of Texas MD Anderson Cancer Center			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$357,890	Substituted FY 04 VSE data, per institution.
University of Texas Medical Branch - Galveston			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$352,268	Substituted FY 04 VSE data, per institution.
University of Texas SW Medical Center - Dallas			
2004 Endowment Assets (NACUBO)	\$10,336,687	\$804,305	Substituted FY 04 VSE data, per institution.
University of Washington - Seattle			
2003 Total Research Expenditures (NSF)	\$684,814	\$684,814	Estimate at least 97% is main campus, per institution. All dollars credited to Seattle campus.
2003 Federal Research Expenditures (NSF)	\$565,602	\$565,602	Estimate at least 97% is main campus, per institution. All dollars credited to Seattle campus.
2004 Endowment Assets (NACUBO)	\$1,315,894	\$1,315,894	Estimate at least 97% is main campus, per institution. All dollars credited to Seattle campus.
2004 Annual Giving (CAE VSE Survey)	\$198,013	\$198,013	Estimate at least 97% is attributable to the main campus. All dollars credited to Seattle campus.
University of Wisconsin - Madison			
2004 Endowment Assets (NACUBO)	Not Reported	\$1,046,722	Substituted FY 04 VSE data, per institution.
2003 SAT Score (The College Board)	Not Reported	26-30	Data obtained from IPEDS.
University of Wyoming			
2004 Annual Giving (CAE VSE Survey)	\$29,888	\$29,888	Large increase over FY 2003 due to large land gift.
2003 SAT Score (The College Board)	Not Reported	470-590; 490-600	Data obtained from IPEDS.
US Naval Postgraduate School			
Total Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
Federal Research Expenditures Revision			Institution revised FY 02 data in FY 03 NSF survey.
Washington State University - Pullman			
2003 Total Research Expenditures (NSF)	\$175,181	\$165,196	Estimate 94.3% is Pullman campus, per institution.
2003 Federal Research Expenditures (NSF)	\$70,653	\$63,800	Estimate 90.3% is Pullman campus, per institution.
2004 Endowment Assets (NACUBO)	\$515,571	\$515,571	Estimate at least 97% is main campus, per institution. All dollars credited to Pullman campus.
2004 Annual Giving (CAE VSE Survey)	\$43,763	\$40,700	Estimate 93% is Pullman campus, with institution's knowledge.
Washington University in St. Louis			
Endowment Assets Revision			Institution revised FY 03 data in FY 04 NACUBO survey.

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

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

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