

# *The Top American Research Universities*

*2020 Annual Report*

*The Center for Measuring University Performance*

*John V. Lombardi  
Craig W. Abbey  
Diane D. Craig  
Lynne N. Collis*

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# *The Top American Research Universities*



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UMass Amherst, Amherst, MA

University of Florida, Gainesville, FL



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## INTRODUCTION

### The Center for Measuring Research Universities Project: 2000-2021

America's research universities set a standard for academic performance on a national and international scale. Their primary model of a high-powered academic research enterprise tightly coupled to an often-extensive undergraduate educational program and enhanced by a wide range of more or less related artistic, economic, entrepreneurial, and entertainment activities has sustained its preeminence consistently since at least the end of World War II and in many ways from earlier times. The enterprise, while academic and intellectual in content, is driven by an intense competition with each university seeking to accumulate the most significant set of research resources. The system that supports, nourishes, regulates, and sustains this competition consists of many parts, some directly related to the production of research while others support or enhance the institutions within which the research enterprise thrives. The range of institutional size is very large in terms of enrollment, ranging from a thousand to over 50,000 full-time students.

The research engine, however, is driven in the first instance by the competition for federal funding from a wide range of agencies. And it is this fundamental competition that has defined the overall research university industry. The peer review process for grants that is the hallmark of the federal awards system emphasizes a competition for the funding of individual researchers and their projects rather than a competition among institutions. When we measure the research preeminence of universities, the key element that defines that preeminence is the existence of highly productive research faculty and staff affiliated with the university. This perspective helps us understand that the research work we celebrate is the result of the effort of individual researchers supported by institutions. It is the individual researchers and their staff and colleagues who drive the competition among research universities, and what we measure is the sum of the work accomplished by these individuals.

When we highlight the research reputation of the top American research universities, we recognize the effectiveness of institutions in assembling the money, resources, and institutional infrastructure that attracts, and sustains outstanding individual research faculty and staff. Universities compete for these stellar research performers by providing substantial resources in support of people who have the talent, imagination, energy, and commitment to produce research results. What we end up measuring when we identify the top research institutions is success in capturing more people with these research talents than competitor institutions.

In detail, the operation of top research universities is complex and multidimensional, but at the base of the stellar performance of these institutions is their ability to generate money. While it is possible to have a rich university with a relatively weak research enterprise, it is not possible to have a poor university that is research competitive. Research is an expensive institutional loss leader. While the grants and contracts income of a top research university show large sums, this income only covers a portion of the cost of producing the research. As a result, top universities must accumulate money from many other sources to support the losses generated by producing a major research enterprise.

Over the years of this project, we have approached the success of top research universities from many perspectives as is indicated in the summary references in this final publication (p. 249). While American higher education is a remarkably competitive enterprise, with many institutions of widely varying characteristics, the composition of the top group of research universities has remained remarkably stable over the years. In large part, this is the result of the large financial base needed to subsidize the acquisition of talent and the support of research work. The top institutions have well-established systems to acquire the ever-increasing sum of money needed to pay for space, equipment, staff, and research talent, and while many institutions can sustain a few superior research faculty and staff, few can continuously acquire the resources to sustain significant numbers of people working at the top levels of research productivity. The money required to compete serves as an entry barrier preventing significant changes in the top group of competitive institutions. Those universities with well-developed systems to acquire funds from a wide range of sources, never cease their effort to maintain their large market share of funding that sustains their competitive advantage.

We have explored this phenomenon in the items listed below in much more detail and with a greater sense of the variations within the context of the top research universities. But over the last two decades or so, the most significant element visible from the data available is the stability of the group of top American research universities. This result does not generate headlines in a world focused on the closely watched and much anticipated challenges of rapid change, but over the years with many readjustments, initiatives, innovations, and other transformations of American higher education, the stability of the research university segment of this industry remains an exceptional phenomenon.

Measuring our impact takes many forms, and each year we have reported detailed information about our activities to our Advisory Board. In summary, however, just over 50,000 hard copies of our reports have been distributed to presidents, provosts, libraries, the media, boards of trustees, and other interested parties over two decades. Countless individuals have visited our website, downloading our reports, publications, and data files. We have corresponded with the media and hundreds of individuals each year across the US and world about our methodology and data. Presentation of our work to governing boards, governmental commissions, university associations, academic conferences, and the United Nations has kept us busy traveling to many states and twelve countries on four continents. Our data helped shape the Carnegie Classification, has been the basis of many university strategic plans, and have been used in several state funding methodologies.

The Center for Measuring University Performance has been a traveling activity, residing in various universities at different times, but sustained by a stable staff and an effective advisory board. Various institutions at different times have helped sustain our work as acknowledged in the notes below. But over the two decades or so of our work, we have suffered some significant losses. Betty Capaldi Phillips, one of the founders of this project, died in 2017, depriving us of her wisdom, deep understanding of universities and the research enterprise, and wide-ranging skills and knowledge. This past year (2020), we also lost two of our long-serving Advisory Board members, Art Cohen and Roger Kaufman, as recognized in the notes below. We cannot over emphasize the importance of their insights and contributions over the years.

We began this project with some firm guidelines. Although some observers recommended that we construct a simple numbered list of top research universities from number one on down, we have steadfastly refused to do so. While such lists are popular, they distort the complexity of these institutions. Instead, our commitment has been to provide various indicators of research university performance, based on verifiable data from standard sources. We provide the data in two forms, one in the annual report and the other in the easily accessible complete data set available to everyone online. We also made the commitment to explore various elements of research university competition in essays and research reports, some published along with the *Top American Research Universities* annual report and others published elsewhere. The temptation to identify the *Number One* research university is strong, but we have easily resisted because, as we have noted in various essays accompanying these reports, such simple ranking schemes distort our understanding of the American research university enterprise.

Over the last two decades or so we have benefited from the engagement of many people in our project. Their comments, suggestions, critiques, and contributions have consistently helped improve our work and we know that absent their help what we have accomplished here would have been much less.

Staff of the Center for Measuring University Performance

2021

## Art Cohen and Roger Kaufman

Since the earliest days of our work on measuring research universities, we have had the support, wisdom, and creativity of many talented people. Among those, Art Cohen and Roger Kaufman helped us start this project and carry it through to this concluding edition of *The Top American Research Universities*. Their recent passing quiets voices that while now silent, echo persistently in our memories.

Art Cohen (Arthur M. Cohen, 1927-2020) taught us all about the American community college and the development of American higher education. At UCLA, where he became an institution himself throughout his entire academic career, he taught an endless number of students, many going on to become leaders in higher education. He served as a colleague, mentor, and supporter of a wide range of community college leaders who turned with frequency to Art for advice and insight into the growth, development, and ever-increasing significance of community colleges. He developed resources for all of us engaged in higher education through the invention of the ERIC Clearinghouse for Community Colleges in 1966 and the continuing work of the Center for the Study of Community Colleges in 1974. Art gave us an extensive and enduring record of scholarly work in his classics, *The American Community College* (multiple editions 1982 to 2014 authored with Florence B. Brawer and in 2014 with the addition of Carrie B. Kisker), and *The Shaping of American Higher Education* (editions in 1998 and then in 2010 with the addition of Carrie B. Kisker), and the constant production of other scholarly books, articles, and presentations. All of us who knew Art, whether in recent times or throughout long periods of his distinguished career, recognized immediately a kind, effective, wise, and endlessly supportive friend and colleague.

Roger Kaufman (Roger A. Kaufman, 1932-2020) brought his commitment to planning and needs assessment to everyone interested in the performance of American universities. His exceptional breadth of professional experience, from his career in engineering through his wide range of publications and engagement in higher education to his position at Florida State University, gave him an unusually persuasive voice on institutional effectiveness. His tireless energy and commitment, his inspiring insistence that we focus on what we need rather than what we want, and his overwhelming publication list spread his insights on needs assessments to a wide international audience. Roger was indefatigable, and his considerable impact on higher education, and other institutions, produced a long list of awards, recognitions, and honors testifying to the influence of his ideas and theories. His appointment as a Distinguished Research Professor at the Sonora Institute of Technology (Mexico) serves as an indicator of his international significance. An insistent and effective advocate of mega-planning, Roger forced us all to think broadly about planning, evaluating, and addressing the needs of our academic enterprise, and within his long list of publications, his *Mega Planning: Practical Tools for Organizational Success* (2000) illustrates his influential perspective. For us, however, Roger was a great and constant friend, a prolific contributor to our discussions and activities, and an inspirational collaborator.

Staff of the Center for Measuring University Performance



# Competing with the Best: America's Top Research Universities 2000-2020

John V. Lombardi, Diane D. Craig, Craig W. Abbey, and Lynne N. Collis

## INTRODUCTION

Over the past two decades, we have explored a wide range of issues that reflect the complex and intense competition among America's research universities as they seek to capture the most effective participants in the academic research enterprise. We started with the notion of university improvement, the effort by most colleges and universities to make their programs better and more effective and to enhance the quality of the work they do. This led, inevitably to the recognition that the pursuit of improvement among the top research universities is primarily an intense competition for ever larger shares of the scarce talent and critical resources that sustain research performance.<sup>1</sup>

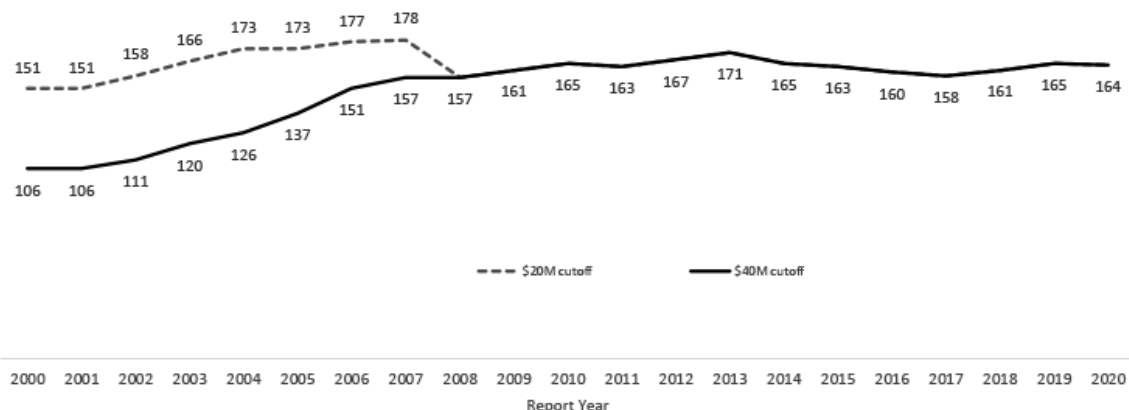
Our Top American Research Universities project (TARU) has always focused on those institutions with high levels of annual federal research expenditures, starting with a cut-off point of \$20 million and above in our 2000 inaugural report and adjusting to a \$40 million and above cut-off in the 2008 report. For this retrospective 21-year analysis, we focus on the institutions that met the higher \$40M cutoff in each year since the first report. Over this period the number of institutions above the \$40M marker numbered 106 in 2000 and rose to 164 in this, our final report (Figure 1). During some of these years, a few universities fell out of the over \$40M group, but over the 21 years 186 institutions reached the cutoff at least once. More than one-half (54%) were in the over \$40 group every year and about three-fourths (73%) of these 186 institutions met or exceeded the \$40M cutoff in at least 16 out of the 21 years. The institutions that can sustain over \$40 million of annual research expenditures, are all excellent universities with good faculty and staff, strong students, extensive extracurricular and support programs, and fine facilities. The intense focus on improvement is not only designed to burnish already fine operations but especially to focus on improving or maintaining a high position in the competition for research recognition and support.<sup>2</sup>

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1 For an example of an institutional focus on performance that served as a basis for the eventual work of the Measuring University Performance Center see John V. Lombardi and Elizabeth D. Capaldi Phillips, *A Decade of Performance at the University of Florida (1990-1999)*, University of Florida, 1999. [<http://jvlone.com/10yrPerformance.html>]. Note that Elizabeth D. Capaldi became Elizabeth D. Capaldi Phillips during the years of her work with the MUP center. We cite her as Capaldi Phillips here.

2 In many of our analyses over the years, we excluded standalone medical schools and specialized academic institutions because their focus and organizational structure can differ greatly from the other more comprehensive universities in our top research group. For this review we have included them to get a more complete picture of how the over \$40M academic institutions performed over the past two decades. These specialized academic institutions make up 16-19% of the over \$40M institutions each year. As we have documented in the past, as a group, standalone medical and specialized institutions have fewer resources than other full spectrum academic universities in the over \$40M group. The number of standalone and specialized institutions increased in the early years of our project from 17 in 2000 to 28 today, peaking at 33 in 2013. For a discussion of some of these issues see "Lombardi, Capaldi Phillips, Denise S. Mirka, Craig W. Abbey. "Deconstructing University Rankings: Medicine and Engineering, and Single Campus Research Competitiveness," *TARU Corrected, 2005*. [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2005-Deconstructing-University-Rankings-Medicine-and-Engineering-and-Single-Campus-Research-Competitiveness.pdf>] **For a list of the 186 institutions included in this edition, including the standalone medical and specialized institutions, see the Appendix on page 22.**

**Figure 1. Number of Institutions included in The Top American Research Universities**



This competition for institutional preeminence takes place in many venues, the federal research grants competition for science and engineering support, the search for non-science and engineering funding from the federal government, the endless pursuit of foundation and private funds to support programs, the constant effort to maintain or increase state funding for public universities, the carefully curated admissions process that seeks the best students with multiple desirable credentials and characteristics, and the endlessly promoted high profile athletic competitions.<sup>3</sup> Although this complex system sustains much of America's international research preeminence, the data that could illustrate the operation of this competition is difficult to acquire in formats that allow institutional comparison. There is data, to be sure, but often collected by different agencies, provided by institutions using different formats and definitions that often change over time, and frequently not audited for accuracy.

**Federal Research Expenditures:** To capture a clear sense of the competition we, and most other observers, rely heavily on federal research data because this information is usually collected and reported in reasonably consistent and accurate ways. Best of all for our purposes, are the data on individual institution federal research expenditures. The value of this indicator is enhanced by various related characteristics.<sup>4</sup>

- First, it reflects the actual research work accomplished with federal financial support on an annual basis. It is not a projection of work that might be accomplished, and because it reports on payment for work done, tends to be scrutinized carefully, reducing the opportunity for institutional inflation of expected results.

3 Given the exceptionally high profile of intercollegiate athletics and the importance of this activity in building institutional brands, the MUP center staff developed an extensive review of college sports programs with particular emphasis on the relationship to research universities. See Lombardi, Capaldi Phillips, Kristy R. Reeves, Craig, Gater, Dominic Rivers. "The Sports Imperative in America's Research Universities," *TARU*, 2003. [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2003-The-Sports-Imperative-in-Americas-Research-Universities.pdf>] See also the essays in *Inside HigherEd* listed in the references to this paper by Lombardi: "The Enemy Is Us: Cost Reduction in College Sports," January 31, 2005 [[http://jvlone.com/InsideHE\\_Energy013105.pdf](http://jvlone.com/InsideHE_Energy013105.pdf)]; "Too Much Money? Sports and the Budget," November 11, 2005 [[http://jvlone.com/InsideHE\\_SportsSubsidy101105.pdf](http://jvlone.com/InsideHE_SportsSubsidy101105.pdf)]; "Taxing the Sports Factory," September 26, 2007 [[http://jvlone.com/reality\\_check\\_Blog100107.pdf](http://jvlone.com/reality_check_Blog100107.pdf)]; "The Amateur Challenge of College Sports," August 10, 2008 [[http://jvlone.com/reality\\_check\\_Blog081008.pdf](http://jvlone.com/reality_check_Blog081008.pdf)]; "College Sports and Our Winter of Discontent," September 21, 2011 [[http://jvlone.com/reality\\_check\\_Blog092311.pdf](http://jvlone.com/reality_check_Blog092311.pdf)]; "Universities Should Admit that Athletes Aren't Amateurs," October 31, 2014 [<http://jvlone.com/MythAmateurism2014.pdf>].

4 Federal research (and total research) expenditures are reflected in data from the NSF Higher Education Research and Development (HERD) (FYs 2010-2018) [<https://www.nsf.gov/statistics/srvyherd/>] and the NSF Academic Research and Development Expenditures surveys (FY 1998-2009) [<https://www.nsf.gov/statistics/srvyrdexpenditures/>] and adjusted in a few cases to represent expenditures at a single campus. These adjustments were much more common in the early years of our project when some public university systems only reported system totals, not individual institutional results. Today most campuses report individually and very few institutions' data need to be broken apart. The market for Federal research expenditures, from which the market share is calculated, is the total dollars reported by all academic and research institutions to these two NSF surveys. For more details about which campuses have adjusted data, see the Data Notes section in each year's publication.

- Second, it is a stable, annual indicator as contrasted with the similar number that reports on federal research awards. Award data, while also quality indicators, has the defect of chronological confusion. Some awards are for one year, some for two, and some for five or more. The total of awards does not reflect research work accomplished but research work anticipated.

Since the goal is to measure research performance, the annual expenditure data is of greater utility and lies at the core of our work over the past years.

As noted earlier, we use federal research expenditures to define the competitive universe of research universities by setting a marker at \$40M per year. While the institutions at the lower bound of this cutoff do not have the research presence of say the top 10 public or top 10 private universities, they nonetheless help define the competitive context. All participants, however defined, seek to capture ever larger shares of the strategic resources that mark them as winners, and institutional improvement is seen as exceeding the share captured by the institution above on the list. A review of the top universities on federal research expenditures compiled each year always shows some universities moving up a position or two, an occurrence that results in significant institutional celebration, but of course often the institution that moved up in rank on the list, did not necessarily get any better. The one above it in a previous year may well have done worse.<sup>5</sup>

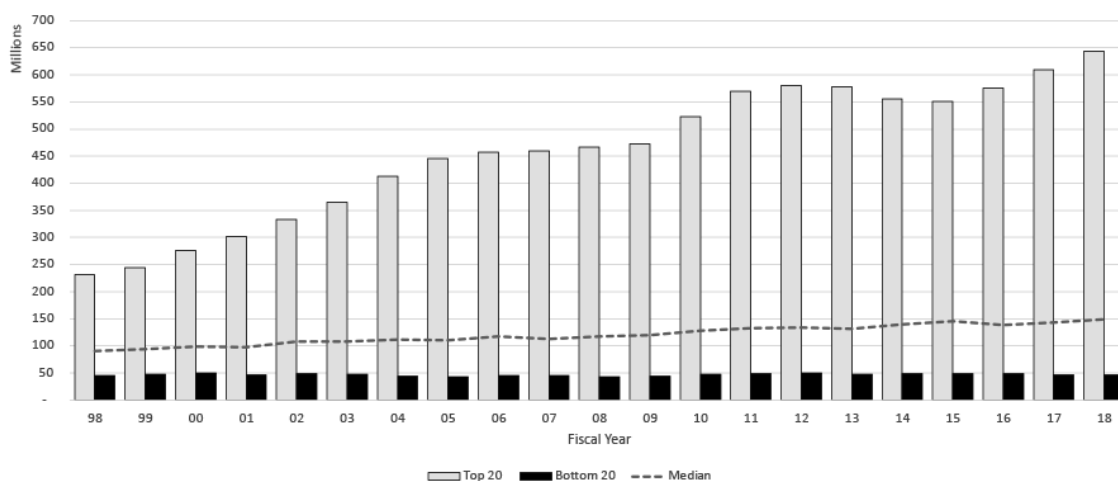
Each annual competition denominated in federal research expenditures reflects institutional efforts to capture a share of the market defined as the total amount reported by all universities that spend any federal research dollars. As a result, for example, an improvement in an individual university's market share of 5% over the previous year is only an improvement in the competition if it exceeds the total growth in the market of research expenditures of the other institutions in its group. If the market grows by 8%, an increased market share of 5%, is a competitive loss, for some other university will have captured the additional 3%.

An important characteristic of this competition is the scale of effort required. If we look at the median expenditure of the top twenty universities in the most recent year we see a number on the order \$644M (Figure 2). If we look at the median expenditure of the last twenty institutions in the over \$40M group, we see a number on the order of \$47M. The institutions in the top group are 14 times more successful than those in the bottom group. This gap between the median market shares of the top and bottom 20 in 2018 is the largest we have found in the past 21 years and has widened considerably since 1998 when the top group had about five times the median expenditure of the bottom group. As noted in Figure 2, the median for all institutions that met the \$40M minimum each year grew about \$59 million over the 21-year span compared to \$412 million median growth for the top 20 institutions. While we can parse the numbers and institutional characteristics in many ways (as we have done in the periodic essays that have accompanied these reports over the years), this fundamental difference in scale is a primary characteristic of academic research competition.

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<sup>5</sup> See the examples in Craig and Lombardi. "Moving Up: The Marketplace for Federal Research in America," *TARU*, 2011 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2011-Moving-Up-The-Marketplace-for-Federal-Research-in-America.pdf>]

Figure 2. Median Annual Federal Research Expenditures: 1998-2018



The resources required to successfully compete at the \$644M level are far beyond the capacity of universities at the \$47M level. This says nothing about the quality of the individual projects sponsored by institutions at any level in the competition. A university with a \$47M federal research expenditure will have individual faculty members whose projects win grants in competition with faculty from universities with \$644M in research funding. But in the aggregate, the \$644M institution will have many more competitive quality participants working in their research programs and submitting successful grants for funding. It is, then, the accumulation of research assets by individual institutions that sustains their high position within this competition.

These assets include many things, but primarily focus on supporting the work of faculty, staff, and students on research projects that can attract external funding. The assets vary depending on the types and characteristics of projects, whether nuclear power or DNA analysis, but all of them float on a sea of revenue. Money is the essential element required for high powered, successful academic research enterprises. Money does not create the enterprise nor does it ensure its competitive success. A rich university is not necessarily a competitive research institution (although it might be an outstanding undergraduate college) but a poor institution cannot be a major research university.

These considerations help explain the exceptionally intense revenue seeking behavior of research universities. The money that makes a \$644M annual federal research expenditure possible each year comes from every imaginable institutional source: state appropriations, endowment earnings, annual giving, tuition and fees, services and entertainment, patents and licenses, housing and transportation, foundations and corporate contracts, funds captured from medical services and hospital contracts, and others.

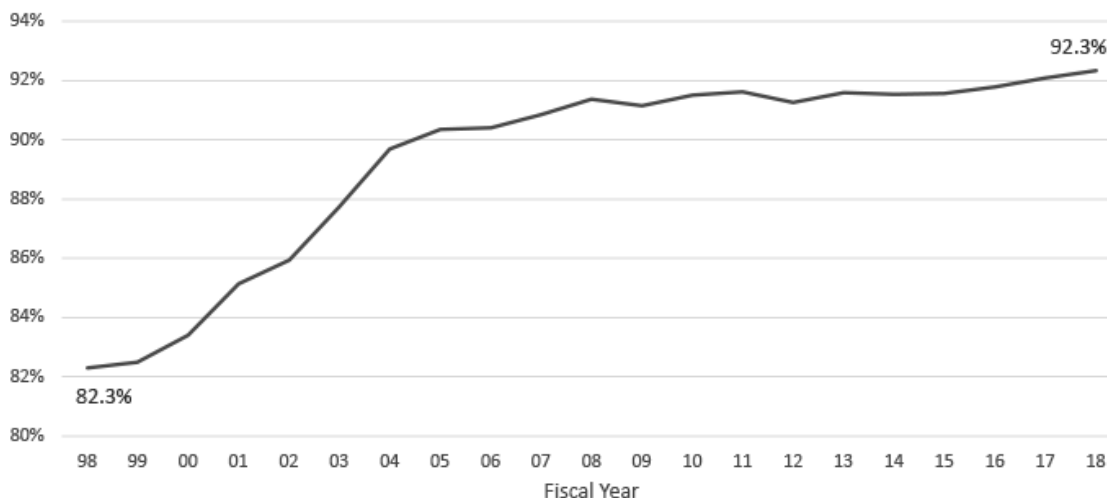
Research is an institutional loss leader, even though the large amounts of federal money spent by universities on research seem impressive. The federal government in almost all cases, however, does not pay for the full cost of the research the university accomplishes under the aegis of a grant. Instead, it pays some of the direct cost of the work, a portion of the indirect cost of heat, light, power, depreciation, and other general expenses, and only a small portion of the lost revenue from instruction as faculty divert their time from teaching to research. Revenue sources other than the grant funds make up this difference, and the amount of surplus revenue universities generate from the other sources limits the amount of federal research expenditure they can sustain.<sup>6</sup>

6 An excellent summary of the indirect cost issues is in Jane Radecki. "University Budget Models and Indirect Costs: A Primer." Ithaca S+R, 2021 [https://doi.org/10.18665/sr.314858].

The key elements of successful research competition are almost always the result of individual faculty, staff, and student inspiration, effort, expertise, and work. Few of these individuals work for free, and almost all expect to be compensated at competitive levels with other high performing personnel at equivalent institutions. Perhaps even more importantly, the most sought-after people believe themselves to be the best, and they believe that if provided with adequate support, they can perform at stellar levels. As a result, for a competitive research university to sustain the personnel needed for competitive success it must provide the finest, deepest, most extensive (and expensive) research support people, facilities, and services possible. Since superior research talent is relatively rare, the most competitive people will choose to work where they can perform on a platform of the highest quality and with the deepest support. For this reason, many recruited high performing research personnel, while receiving generous salary support, require in addition an investment in equipment, related support personnel, graduate student stipends, and additional allied faculty all requiring money that far exceeds the cost of paying a competitive faculty salary. Research productive faculty congregate in institutional settings that provide this kind of expensive support.<sup>7</sup>

Given this context, it should come as no surprise that institutions with the necessary resources to sustain this level of activity will have developed the tools needed to continue generating these resources and consequently will remain at the top of the academic research marketplace, able to fend off significant challenges from the projects proposed by competitor institutions' people.<sup>8</sup> We can see the result of this process if we look at the sustained success of the top institutions over time. We have two decades of data to observe, and we can easily see that the group of top universities, the institutions with over \$40M of federal research expenditures, rapidly expanded their market share in the early years as their investment and their numbers grew, to capture about 92% of federal research expenses over the past decade (Figure 3).

**Figure 3. Federal Research Market Share of Over \$40M Group: 1998-2018**



7 A useful summary of the university budget issues associated with top performing research universities see Jane Radecki and Roger C. Schonfeld, "Academic Research Budgets: A Look Ahead with Special Emphasis on Research Enablement and Support," Ithaka S+R, 2021 [<https://doi.org/10.18665/sr.314860>]. For an interesting perspective on the role of tenure and aculty selection in creating American research universities as world competitive institutions see W. Bentley MacLeod and Miguel Urquiola, "Why Does the U.S. Have the Best Research Universities? Incentives, Resources, and Virtuous Circles," *NBER, Working Paper 28279* (December 2020).

8 For a discussion of the resource commitments required to sustain top level academic research performance see Capaldi Phillips, Lombardi, Abbey, Craig. "Research University Competition and Financial Challenges," *TARU*, 2009 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2009-Research-University-Competition-and-Financial-Challenges.pdf>]. For a discussion of the university structures that combine to produce what we have called a quality engine supporting academic research success see Lombardi, Craig, Capaldi Phillips, Gater, Mendonça, "Quality Engines: The Competitive Context for Research Universities," *TARU*, 2001 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2001-Quality-Engines-The-Competitive-Context-for-Research-Universities.pdf>]

This dominance by the top performers is even clearer when we look more closely at the top institutions in the over \$40M group. Twenty institutions have occupied a position within the top 25 national ranking on federal research expenditures for the entire period we have been tracking these data, and 40 institutions have consistently ranked in the top 50 every year. As we go down the stack from the most successful at the top, we find that there is more evidence of the potential for an institution to improve its position in the competition. However, this result is primarily a consequence of the smaller effort needed to move up in the hierarchy.<sup>9</sup>

To illustrate this circumstance, we can observe that in 2018 a move to the middle of the top 10 institutions from the middle of the second 10 would require an improvement of \$125.3M. But to move from the middle of the bottom ten to the middle of the second ten from the bottom, an improvement of only \$9.2M would be needed. While the percent increase needed to move is in the 20% range for both the top and bottom categories, the dollar amounts required for such improvement are significantly different. An increase of research success in the federal competition resulting in a \$125.3M improvement would represent a much greater expenditure of institutional funds and a much larger number of research capable faculty/staff, and students than an increase of \$9.2M. For this reason, there is much more movement among the institutions near the bottom of the stack than near the top.<sup>10</sup>

From this discussion it might appear that the critical issue for research universities is to mark their spot in the hierarchy of research expenditures and celebrate small movements up and avoid discussing small movements down. This misses the point. Research competition is relevant to the institution's place in a large group of similar institutions. It is belonging to a particular group of institutions with similar characteristics that matters, not whether a university is first or last in the group. Within similar groups of research universities, there are large variations in institutional context, style, characteristics, and purpose. While state or private universities might share very similar research expenditures, their programs, student bodies, faculty teaching expertise, and other characteristics would be much different. A rural university and an urban institution, each with similar research capabilities and results, would almost certainly be much different in many aspects of academic and institutional life.

This is why the inaugural essay in our publication series carried the title "The Myth of Number One." There is no number one. There are many research equivalent institutions with many different characteristics. The study of research success and competition permits a useful effort to group institutions into relatively similar categories to facilitate a clearer understanding of the elements that drive research competition.

However, such an effort must contend with some unavoidable difficulties. Everyone wants to be number one, or at least in the top ten or somewhere in a precise measurable place. Many commercial enterprises are eager to fulfill this desire with an endless variety of ranking schemes. The notion that any scheme, however cleverly devised, can capture the "best" institution in some single number ONE is easily dismissed, simply by looking at the multiple rankings that redistribute institutions based on the weighting of various characteristics.

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9 The persistence of institutions at the top level over time reflects their ability to generate more money to spend on institutional priorities than their competitors. This characteristic of the marketplace is illustrated in Lombardi and Craig, "Staying at the Top: An Essay on the Comparative Advantage of America's Top Research Universities" in *TARU*, 2019 [[https://mup.umass.edu/sites/default/files/mup\\_2018\\_comparative\\_advantage.pdf](https://mup.umass.edu/sites/default/files/mup_2018_comparative_advantage.pdf)]

10 We have approached this topic in various ways in our annual reports. See for example the section on "The Purpose of The Top Universities" in our first report, *TARU*, 2000 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2000-The-Myth-of-Number-One-Indicators-of-Research-University-Performance.pdf>]. In addition, we have constantly engaged the issue of change over time, obviously a key element in the competition for research support. See for examples the sections titled "Change in Competitive Performance on Federal Research," in *TARU*, 2001 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-2001-Top-American-Research-Universities-Annual-Report.pdf>]; "Change Over Time," in *TARU*, 2004 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-2004-Top-American-Research-Universities-Annual-Report.pdf>]; and "Moving Up: The Marketplace for Federal Research in America," in *TARU*, 2011.

To take a hypothetical example from another context, if we measure an individual's height, weight, hair color, and speed in the 100-meter dash, and then combine these data into a single number with a different weighting for each element, we can get a ranking of individuals, but we can also reorder the weighting by small amounts and get a different ranking. Number one might well become number 10. This is because the combination of these elements, while of interest perhaps for some purposes, is not of interest for others, so the combination produces less value than a display of the actual data allowing observers to see what is of interest to them. If we are interested in athletic ability we may not care much about hair color, but we may care a lot about height, weight, and speed. We've written about the ranking process in previous reports for those with an abiding interest in the topic.<sup>11</sup>

A more useful discussion involves an examination of other aspects of research university performance reflected in different institutional elements. In addition to the core classification by federal research expenditures, we have consistently tracked eight other indicators that provide a more nuanced reflection of the characteristics of these top research performers.

**Endowment Assets and Annual Giving:** These two measures deal with a glimpse into the financial resources of research universities by tracking endowment assets and annual giving. The data for these indicators are reasonably robust, and while they are by no means complete indicators of the total wealth of institutions, the top research performers all have very substantial endowments and annual giving totals. If we look at the change in these two indicators over time, we can see the increased attention public universities now pay to the various elements of fundraising, resulting in substantial growth in public university endowments and annual giving.

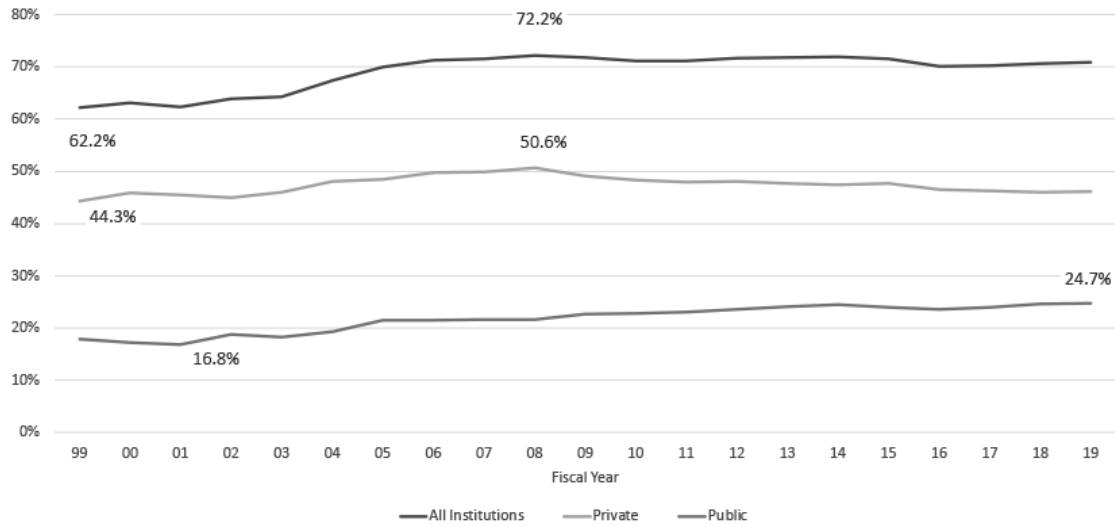
As shown in Figure 4, the market share of endowment assets for the over \$40M group over the past two decades ranges from a low in 1999 of 62.2% to a high in 2009 of 72.2%. Public institutions have steadily increased their market share since 2010, while their private counterparts have steadily declined over this same time period. As a result, in 2019, the market share gap between private (46.1%) and public (24.7%) is the smallest we've seen since we began tracking these data. Even so, their private counterparts, having depended for so long on private giving and endowments as they have had little access to state higher education funding, almost always have larger amounts in these categories. Note that their market share is roughly twice the share of publics but the number of public institutions is more than double the number of private institutions. As public universities discovered the limits on tuition/fee revenue and struggled with the variability of public state subsidies, their commitment to seeking private donations and developing large endowments became ever more significant.<sup>12</sup>

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11 See the initial presentation of this issue in "The Myth of Number One," in *TARU*, 2000 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2000-The-Myth-of-Number-One-Indicators-of-Research-University-Performance.pdf>]; followed by "Rankings, Competition, and the Evolving American University," in *TARU*, 2007 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2007-Rankings-Competition-and-the-Evolving-American-University.pdf>]; "Competition and Restructuring the American Research University," in *TARU*, 2008 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-2008-Top-American-Research-Universities-Annual-Report.pdf>]; "In Pursuit of Number ONE," in *TARU*, 2010 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2010-In-Pursuit-of-Number-One.pdf>]. As the result of an international collaborative effort, we looked closely at alternative methods of benchmarking university performance, focused particularly on publication rates in "Measuring Research Performance: National and International Perspectives," in *TARU*, 2012 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2012-Measuring-Research-Performance-National-and-International-Perspectives.pdf>]. Unfortunately, this international project was not sustained. Given the high interest in rankings, we attempted to illustrate the arbitrary result of rankings that consolidate different measures into a single ranking number in "The Best American Research Universities Rankings: Four Perspectives," in *TARU*, 2013 [<https://mup.umass.edu/sites/default/files/mup-pdf/MUP-Publication-2013-Best-American-Research-Universities-Four-Perspectives.pdf>].

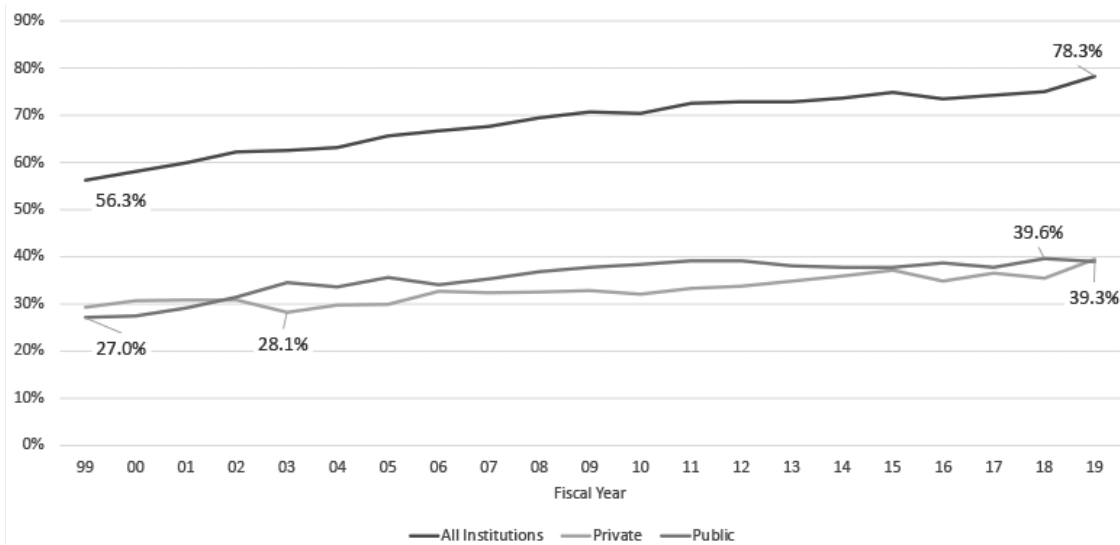
12 The endowment market is the total endowment reported for all academic institutions reporting to the NACUBO Endowment Study [<https://www.nacubo.org/Research/2020/NACUBO-TIAA-Study-of-Endowments>] and the CASE Voluntary Support of Education (VSE) survey [<https://www.case.org/resources/voluntary-support-education-survey>], with some adjustments made to break out systems into separate campuses using IPEDS data or other institutional sources such as annual financial reports. IPEDS data may also be used as a substitute (or to estimate a substitute) for any institution in the over \$40 million group in a given year that did not report to the NACUBO or VSE surveys. Unlike the NSF research expenditures data, the true market value of all endowment assets (and annual giving as well) of all U.S. academic institutions is unknown because not all institutions report these data nor do all institutions report data every year. Institutions that do not report data, typically 4-5 each year, are excluded from the median trend analyses for all private giving (Figures 6-7).

Figure 4. Endowment Market Share among Over \$40M Group: 1999-2019



As a group, the over \$40M institutions have been very successful in attracting private funding since 1999 (Figure 5), steadily increasing their market share from 56.3% to a record high 78.3% in 2019. Compared to endowment assets, the market share of annual giving to private and public institutions is more equally distributed between the two, although again, we see greater improvement among public institutions.<sup>13</sup>

Figure 5. Annual Giving Market Share among Over \$40M Group: 1999-2019

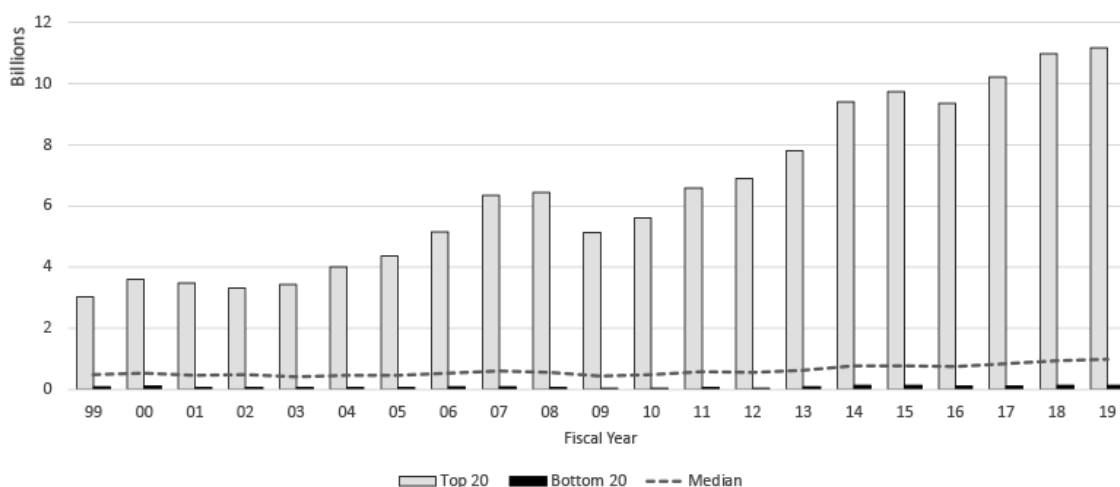


<sup>13</sup> The annual giving market represents the total annual giving report for all academic institutions reporting to the CASE Voluntary Support of Education survey mentioned above, with some adjustments made to break out systems into separate campuses using IPEDS data or other institutional sources such as annual financial reports. The National Center for Education Statistics (NCES) IPEDS Finance data may also be used as a substitute (or to estimate a substitute) for any institution in the over \$40 million group each year that did not report to the VSE survey [<https://nces.ed.gov/ipeds/use-the-data/survey-components/2/finance>].



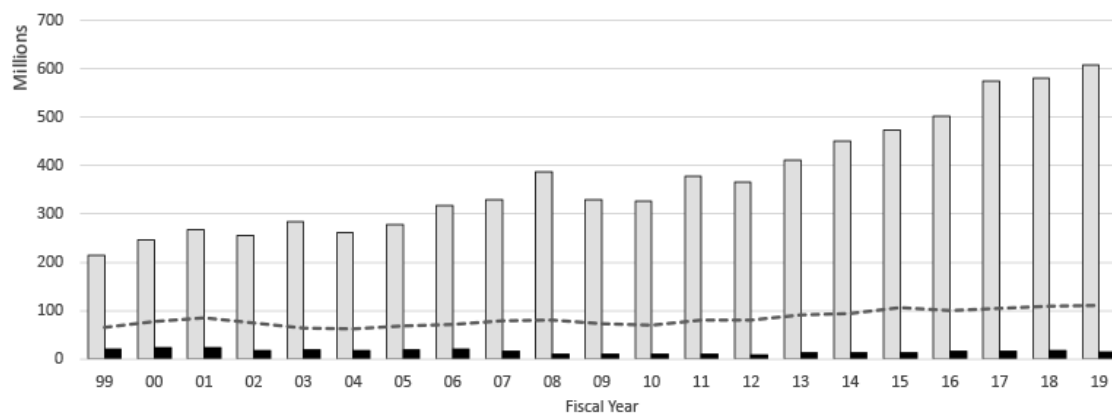
The disparity between the top 20 and the bottom 20 is particularly acute for our two private giving measures, with the gap widening greatly in the most recent six years. For endowment assets, the median for the top 20 institutions on this measure in 2019 was about \$11B compared to \$139M for the bottom 20, or 80 times as large (Figure 6). In 1999, the top group (median of \$3B) was about 29 times as large as the bottom group (\$103M). The median endowment for all institutions in the over \$40M group has doubled between 1999 (\$496M) and 2019 (\$997M), and its placement not too far from the bottom group further demonstrates the dominance of the very top group.

**Figure 6. Median Endowment Assets among Over \$40M Group: 1999-2019**



Annual giving shows similar although less dramatic differences (Figure 7). In 2019, the top 20 institutions on annual giving had a median value (\$609M) 41 times as big as the median for the bottom 20 institutions (\$15M), compared to just 11 times as big in 1999. Similar to endowment, the median annual giving has nearly doubled between 1999 and 2019.

**Figure 7. Median Annual Giving among Over \$40M Group: 1999-2019**

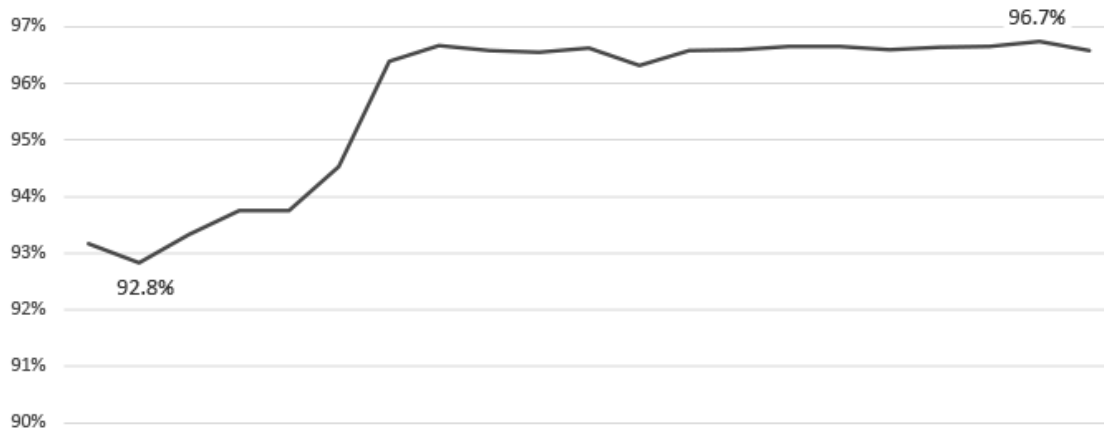


**Faculty Quality:** As we have emphasized in these reports, high quality faculty are key to continued and sustained research success. Although any assessment of general faculty quality is sure to be incomplete and inadequate in many ways, we have followed some indicators that offer a perspective on the research university’s search for the most accomplished people who can drive the institution’s research competition. Memberships in the national academies of science, medicine, and engineering offer one view of success in recruiting faculty with highly visible national research reputations. Similarly, many national faculty awards recognize preeminent faculty research accomplishments. Less robust than the federal research expenditures as indicators, these reference points nonetheless offer a related perspective on the concentration of nationally recognized research faculty. As we might expect, many universities of modest research achievement,

nonetheless successfully recruit and retain some faculty who have been recognized for their scholarly achievements. These awards and recognitions have a broad reach, identifying excellence and achievement not only in science, medicine, and engineering but in many other fields.<sup>14</sup>

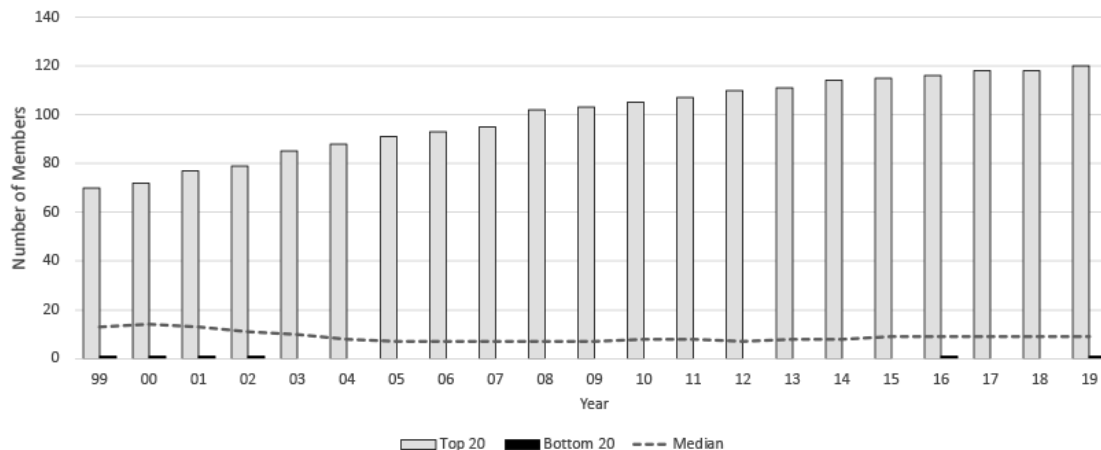
As shown in Figure 8, the top research group dominates the market for National Academy members. Nearly 97% of members are affiliated with an institution that met the \$40M federal research cutoff. However, this masks the fact that far fewer institutions play in this market. The median number of members for the top 20 on National Academy membership ranges from 70 in 1999 to 120 in 2019, whereas the bottom 20 median is most often zero (Figure 9). Moreover, the median for all of the over \$40M group has dropped over the past two decades, from a high of 14 in 2000 to nine in the past five years, while the top group has steadily increased.

**Figure 8. National Academy Members Market Share among \$40M Group: 1999-2019**



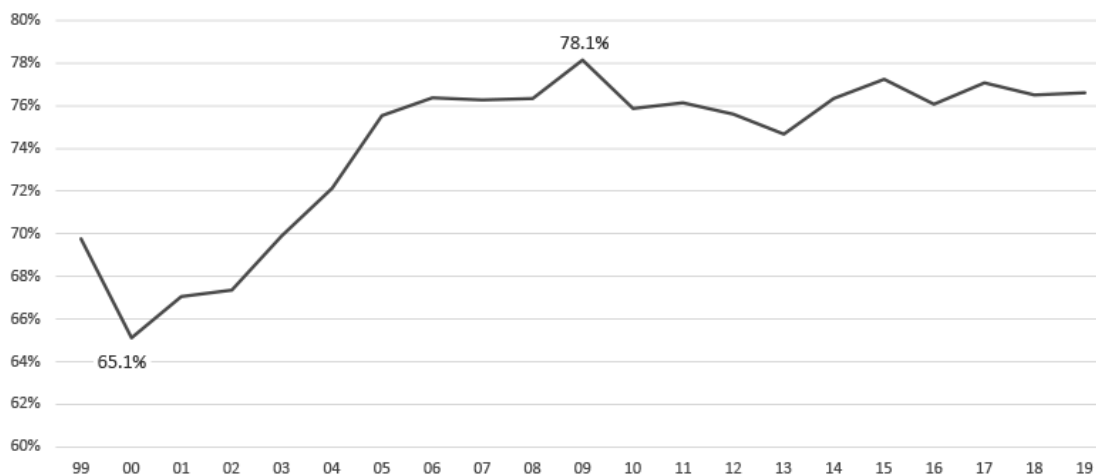
**Figure 9. Median National Academy Membership among Over \$40M Group: 1999-2019**

Faculty awards are less concentrated among the over \$40M group than are national academy members. The market share ranges from a low of 65% in 2000 to a high of 78% in 2009, and averaging about 76% in more recent years (Figure 10).



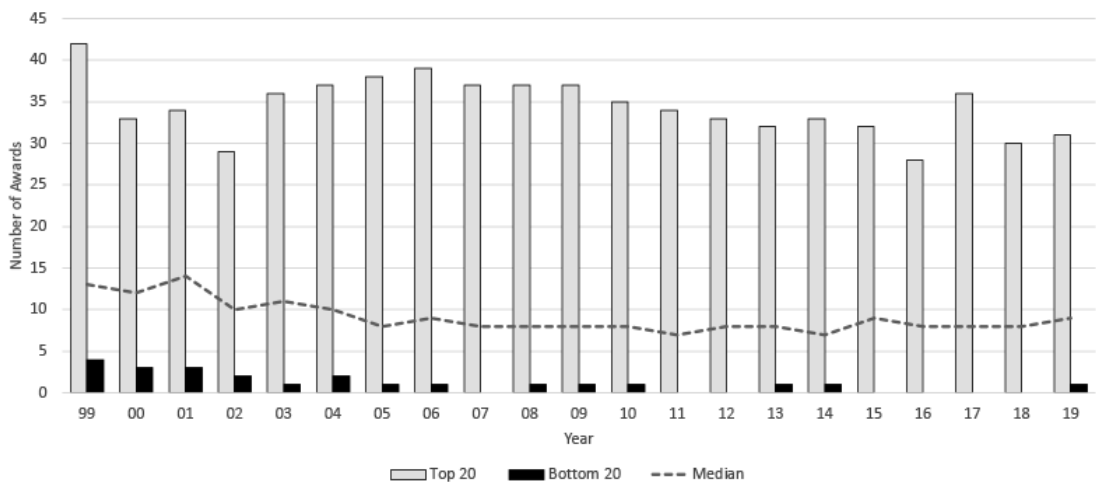
<sup>14</sup> The market for National Academy members come from MUP center staff mining the directories of the National Academy of Sciences, National Academy of Engineering, and National Academy of Medicine (formerly Institute of Medicine) each year. Links to the individual academies are at *National Academies* [<https://www.nationalacademies.org/>]. We credit institutions with any new members who were inducted that year, who moved to their institution from another institution (and at the institution at least six months, or prior to July 1), or who moved to their institution from industry or some other non-academic organization. We deduct from the institution's membership any members who moved to a new institution (prior to July 1), who moved to a company or organization (prior to July 1), who went inactive in the directory (i.e., changed their institution to blank), or who died in the previous year. Adjunct and visiting professors are excluded from our membership totals. In a very few cases, an academy member may be tenured and active (i.e., not on leave or sabbatical) at two institutions and each institution is credited with that member.

**Figure 10. Faculty Awards Market Share among Over \$40M Group: 1999-2019**



Faculty awards data collection from nearly two dozen sources has changed some over the years. Two awards are no longer given out to faculty in academic institutions, and three other awards are less frequently provided and so are not included every year. As a result, some of the change in medians shown in Figure 11 reflect these inconsistencies. Over the past two decades, like the other measures discussed so far, the top 20 institutions on faculty awards perform far better than the bottom 20, especially more recently. While the top group’s median generally runs between 30-35 each year over the past decade, and the entire over \$40M group ranges consistently around 7-9 faculty awards, the bottom group has a median of 1 or less.<sup>15</sup>

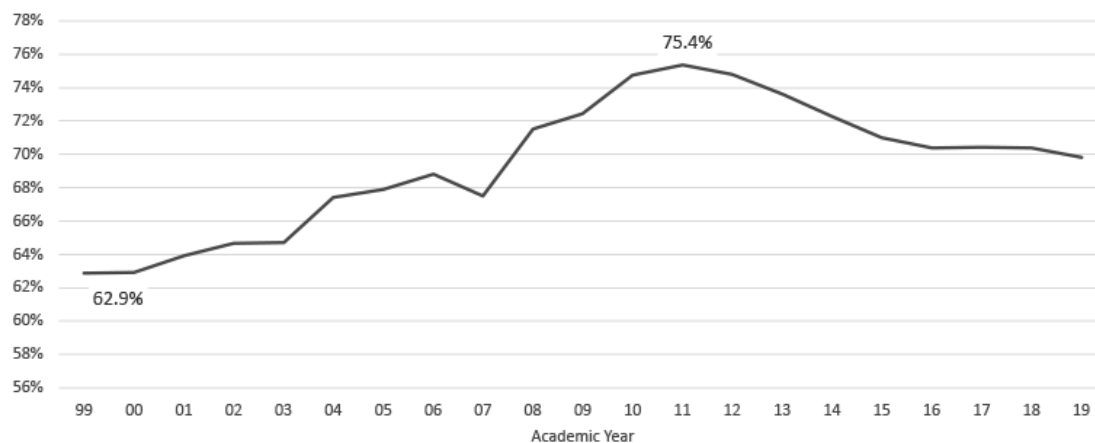
**Figure 11. Median Faculty Awards among Over \$40M Group: 1999-2019**



<sup>15</sup> The market for faculty awards is based on tallying the number of awards per academic institution for up to 24 award programs. For faculty awardees whose institution is unclear (for example, they identify with a state system), we use information from the institution or faculty member available on the internet to assign them to a particular campus. Data are available on the organization’s website or via data download (for example., NIH-R37: Method To Extend Research in Time (MERIT) Awards, or NSF: Faculty Early Career Development Program (CAREER) awards). For details on which awards are counted in a given year, refer to the Data Sources section in each year’s TARU publication.

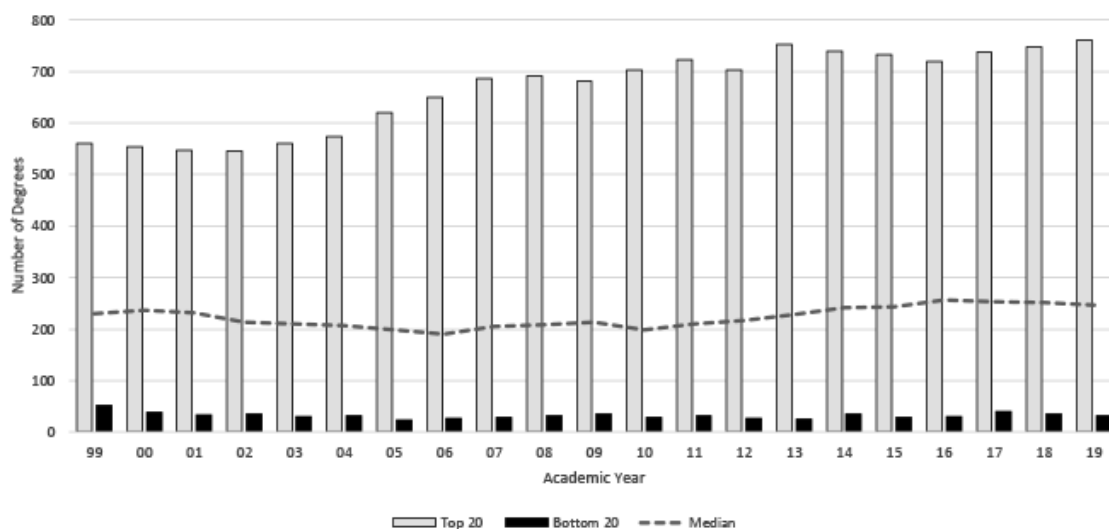
**Doctorates:** Again, related to the mission of research universities, we can track the number of doctorates awarded. This indicator is less precisely related to the main research competition because the doctorate data include a wide range of disciplines outside of science and engineering, particularly in education. The top research universities have a significant commitment to the production of doctorates, although many much less research-intensive universities also produce significant numbers of doctoral degrees. Over time, the percentage of all doctoral degrees awarded by our research institutions at the \$40M and above level of federal research expenditures has declined as many other, less research-intensive institutions, have expanded their doctoral productivity. Also, the production of doctorates is influenced by the total size of an institution’s graduate population. Among the members of our top research group, their market share of all doctorates awarded peaked in 2011 at 75% after climbing steadily since 1999 (63%) (Figure 12). This number has dropped about 5% since 2011 and stabilized in recent years at 70% market share.<sup>16</sup>

**Figure 12. Doctorates Market Share among Over \$40M Group: 1999-2019**



The median number of doctorates awarded for the over \$40M group has stayed fairly stable over the past two decades, ranging between 200 and 250 most years (Figure 13). The gap between the top 20 group on this measure and the bottom has widened greatly over time. In 2019, the top 20 group had 24 times as many doctorates as the bottom 20 group, up from 11 times as many in 1999.

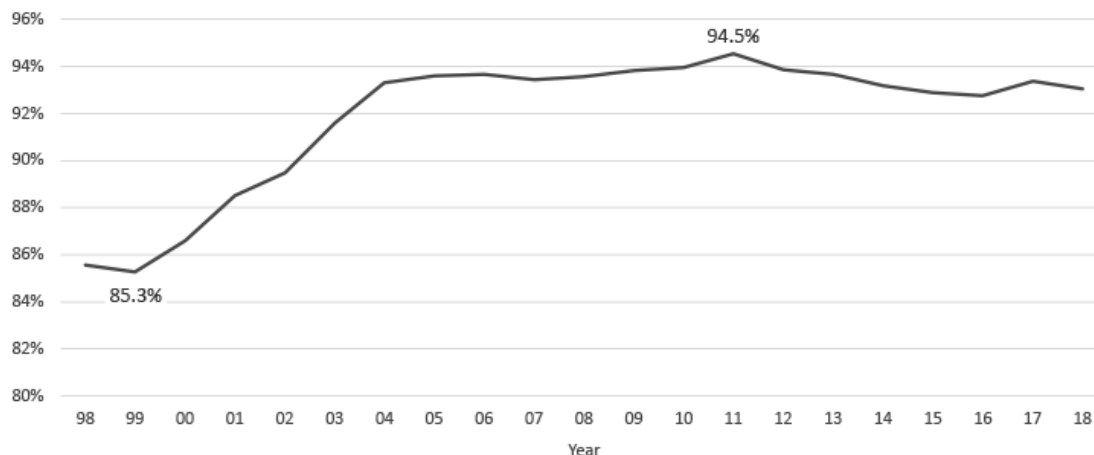
**Figure 13. Median Doctorates among Over \$40M Group: 1999-2019**



<sup>16</sup> The doctorate market is derived from data from all institutions reporting to the *NCES IPEDS Completions Survey* [<https://nces.ed.gov/ipeds/use-the-data/survey-components/7/completions>]. A few institutions in our over \$40 million group do not offer degrees and are not included in the analysis of medians over time (Figure 13).

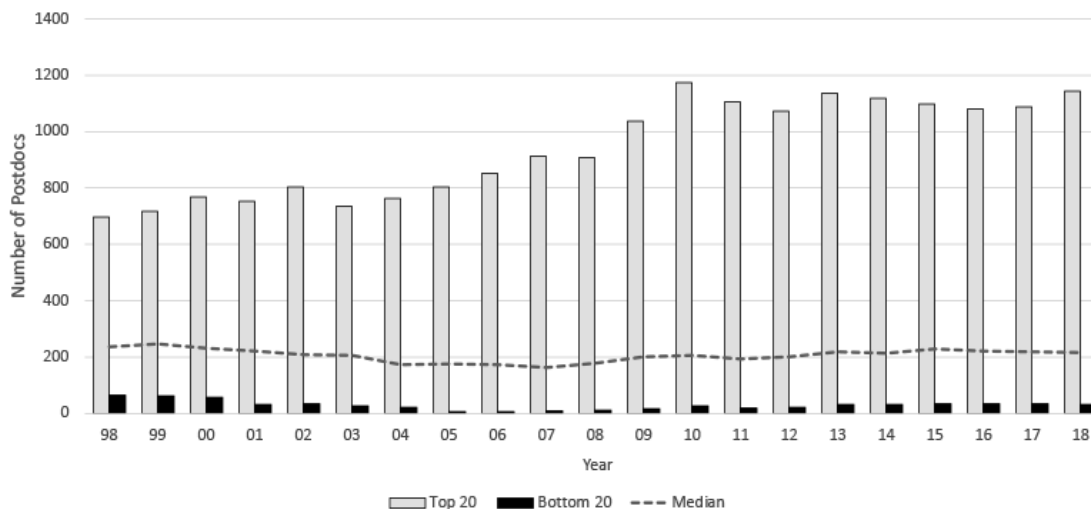
**Postdoctoral Appointees:** Postdoctoral appointees are a critical element in many research programs and grants, and the number of these highly trained individuals supported by grants or from institutional funds offer an additional perspective on the size of the personnel investment that sustains research performance. The over \$40M group holds a significant share of the total postdoc market, ranging between 92 and 94% since 2004 (Figure 14).<sup>17</sup>

**Figure 14. Postdoc Market Share among Over \$40M Group: 1998-2018**



As with many of our measures, this one is highly concentrated among a few institutions. Of the total postdocs recorded in the most recent national data, the top 50 research institutions have an almost 70% share of these appointees. Postdocs show patterns similar to what we saw with doctoral degrees – fairly stable median among the full group of top research universities and wide disparity between the top and bottom institutions (Figure 15). In 2018, the top 20 group had 35 times as many postdocs as the bottom 20 group, up from 11 times as many in 1999.

**Figure 15. Median Postdocs among Over \$40M Group: 1998-2018**



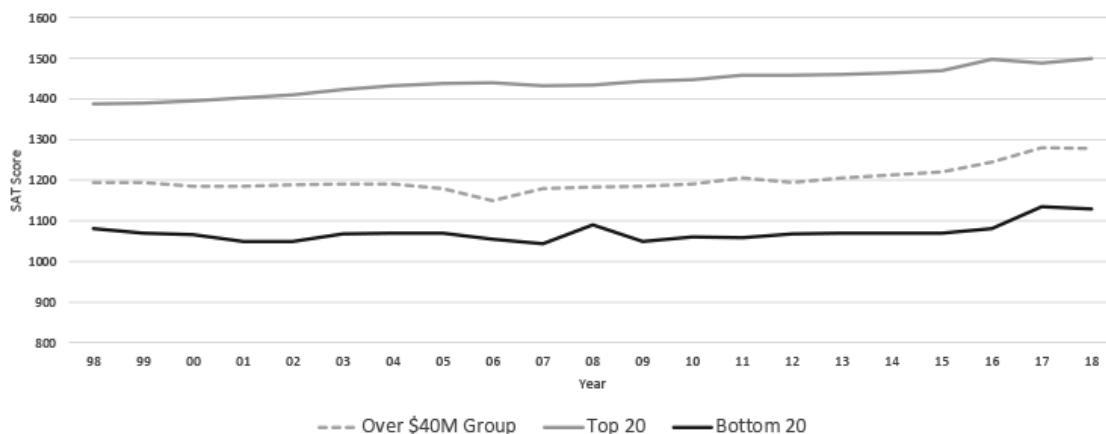
<sup>17</sup> The postdocs market is based on data from all institutions reporting postdoctoral appointees to the *NSF Survey of Graduate Students and Postdoctorates in Science and Engineering* [<https://www.nsf.gov/statistics/srvygradpostdoc/>]. Not every institution hires postdocs; those institutions are excluded in the analysis of medians over time (Figure 15).

**Undergraduate Quality:** Clearly indicating the complexity of higher education competition, selectivity in admission to the first year of undergraduate study has long been a much discussed and criticized indicator of quality. Top research universities have always been able to maintain very selective undergraduate admissions as signaled by the SAT scores of the entering class each year. But this selectivity is mostly a reflection of brand value, enhanced by a major research reputation to be sure, but also subject to many other influences that drive brand value for all higher education institutions.

For undergraduates, the research profile of a higher education institution may well be an attractive element in their brand perception but so too are football and other high profile athletic successes, elaborate undergraduate facilities and programs, and other features of student life mostly unrelated to research. High SAT scores and the selectivity they indicate have been as much a characteristic of small, elite undergraduate colleges as they have of high-powered research universities.

This indicator, which demonstrates primarily the attractiveness of research universities to highly sought after first year applicants, is likely to become obsolete as many institutions eliminate this data point from their evaluations of student applicants (Figure 16). Because of this, tracking the median SAT score over time becomes more difficult and less useful. The top group of 20 institutions on SAT scores has ranged from about 1400 to 1500, the over \$40M group taken together between 1200 and 1300, and the bottom 20 group around 1100.<sup>18</sup>

**Figure 16. Median SAT Scores among Over \$40M Group: 1998-2018**



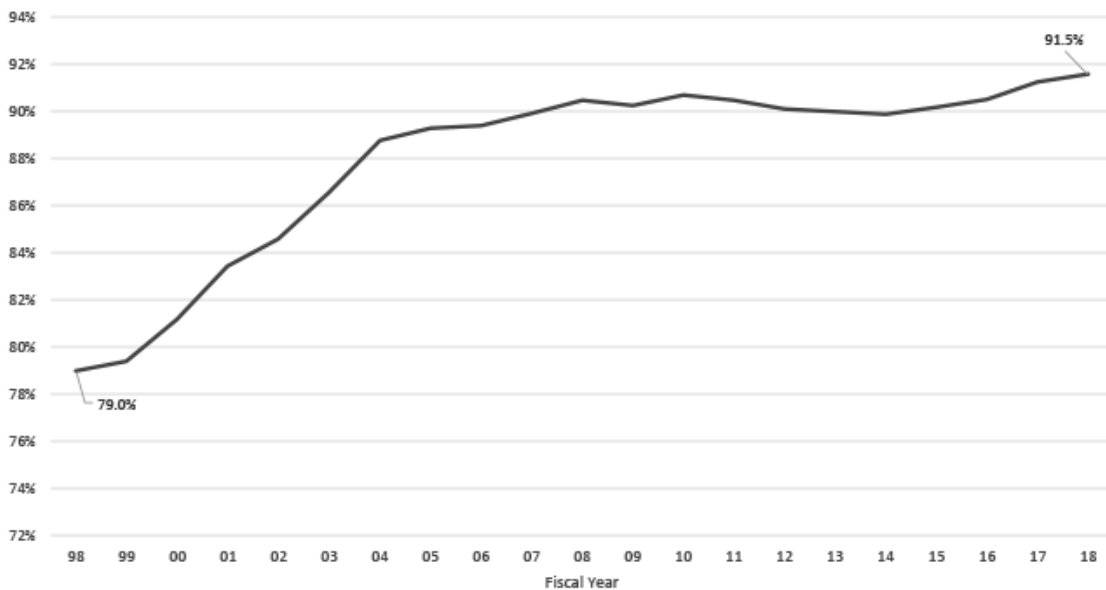
**Total Research Expenditures:** Finally, we return to an additional important indicator of research preeminence, Total Research Expenditures. This indicator attempts to capture all the research an institution supports each year, whatever the source of funding. This includes not only the peer reviewed federal research expenditures for science, medicine, and engineering, our core measurement, but also research expenditures supported by state agencies that only fund local projects, grants from foundation sources that may not use peer review, or awards from corporate research opportunities that are specifically targeted at particular institutions. Research funding also comes from federal programs pursuing specific research

<sup>18</sup> SAT and ACT data in recent years comes from NCES IPEDS Admissions data, and from the Annual Survey of the College Board in the early years of our project. Both sources report the 25th and 75th percentile for verbal and quantitative scores and we calculate the median of that range. For those institutions that report both the ACT and SAT, we select the test scores which have the greatest percentage of students reporting. ACT scores are converted to an equivalent SAT score using concordance tables published by The College Board. In addition to the SAT/ACT indicator, we have looked at the impact of enrollment on various institutional characteristics. See for example the text accompanying "Table 7. Student Enrollment," in the essay "America's Research Universities: Is the Enterprise Model Sustainable?" in *TARU*, 2017 [[https://mup.umass.edu/sites/default/files/annual\\_report\\_2017.pdf](https://mup.umass.edu/sites/default/files/annual_report_2017.pdf)]. See also the discussion of enrollment in "Staying at the Top: An Essay on the Comparative Advantage of America's Top Research Universities," in *TARU*, 2018 [[https://mup.umass.edu/sites/default/files/mup\\_2018\\_comparative\\_advantage.pdf](https://mup.umass.edu/sites/default/files/mup_2018_comparative_advantage.pdf)]. Also of interest here as elsewhere is the study published in *TARU*, 2019, Lombardi, Craig, Michael M.E. Johns, and William B. Rouse, "The Unrecognized Complexity of Higher Education," [<https://mup.umass.edu/sites/default/files/mup-2019-unrecognized-complexity.pdf>].

initiatives of interest to congress, federal agencies, or the national defense and intelligence agencies. The value of this indicator is less as a guide to institutional competitiveness and more as a token of the level of research activity within a university. Over time, this number, which includes the federal expenditures from the core measure, has grown substantially, reflecting the importance of state and local, private and corporate interest in university research programs.

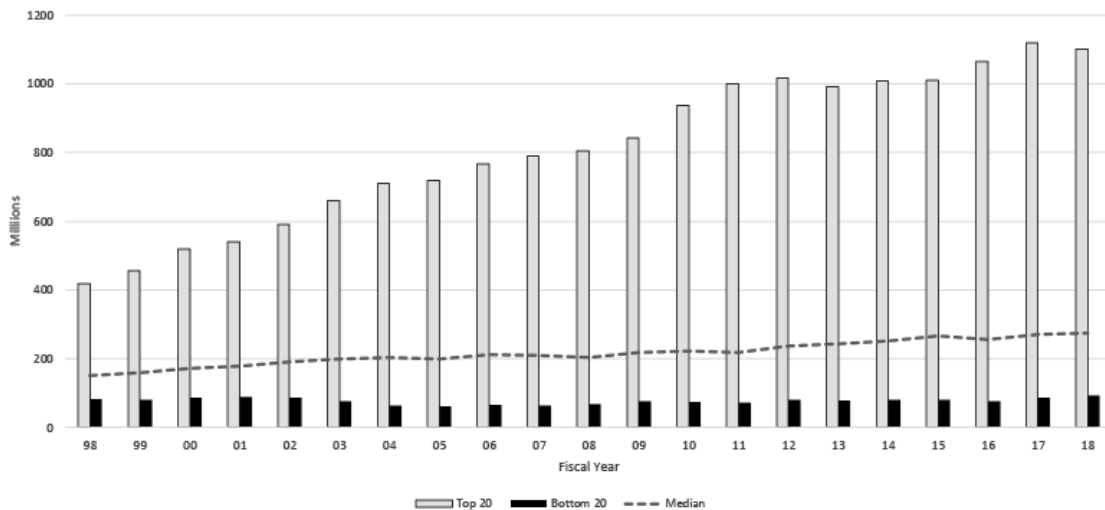
The total research expenditures of our top research group shows growth patterns similar to federal research, rapid growth in market share up until 2004 then a more steady increase and stabilization in past decade (Figure 17). Total research market share has seen an uptick in the past couple of years, reaching a record high of 91.5% in 2018.

**Figure 17. Total Research Market Share among Over \$40M Group: 1998-2018**



Like our other measures, the growth in total research expenditures is much greater among the top 20 institutions than the bottom 20 (Figure 18). Total research among the top 20 has grown from \$420M in 1998 to \$1.1B in 2018, a 162% increase. In contrast, the bottom 20 has grown only 12% over the past 20 years, from \$82M in 1998 to \$93M in 2018.

**Figure 18. Median Total Research among Over \$40M Group: 1998-2018**



**Complexity of Higher Education Enterprise:** At the beginning of this journey through research university performance indicators we took as our focus the challenge of each individual campus commitment to improvement. As our work continued, we became interested in the structure of the American university enterprise, with a particular interest in its competitive context. This led us to recognize the remarkable complexity of the higher education industry in America. This complexity is somewhat disguised by the undergraduate programs of colleges and universities that as a consequence of accreditation appear remarkably standardized. The rules and customs that define an undergraduate degree are well known, and the similarity of undergraduate programs challenges institutions to differentiate themselves from competitors as they seek funds and students.<sup>19</sup>

The basic content of an undergraduate degree is remarkably consistent across quite different institutions from small liberal arts colleges to major high performing research universities. Because this content is quite similar from institution to institution, and because differences that might be significant are hard to explain or illustrate to the undergraduate student marketplace, colleges and universities have developed extensive and deep context programs that surround the more or less standardized content. This context ranges from extensive and sophisticated student services that look after student health, safety, psychological stability, identity issues and support, and a host of other concerns related to the challenges of the mostly young people living and studying within these institutions.

Activities that entertain students and support their emotional, intellectual, and personal growth have expanded greatly requiring better facilities and extensive staff devoted to the non-academic interests of students. The quality of these facilities and the depth of staff commitment is a key element in the competition for enrollment and the expense to support these facilities, personnel, and programs have grown dramatically as context has become critical in the competition for student enrollment.

Even though institutions offer eloquent explanations of the importance of this context in driving student academic success, the greatly increased expenditures give a clear indication that context and content may well become increasingly defined as separate products in the university competition for student enrollment. Some indicators of this appear in the impact of successful big time athletic programs on enrollment growth. This activity bears almost no relationship to the content of the academic programs of a university, and yet the data appear to indicate a significant improvement in student recruitment success as a result of high visibility athletic programs and their role within the context of student and institutional life.

**Looking toward the Future:** As we close out the life cycle of this project, we are tempted to project the future of the American university marketplace. Although it is always dangerous to think we can know the future, some elements of past behavior can serve to help us anticipate what may come next.

The most useful projection into the future is to recognize that the intense competition for money will almost certainly define the adjustments and readjustments in the higher education marketplace. We can anticipate that small colleges of under 2,000 students without large endowments are likely to struggle and a number of these will disappear over the next decade. Over the last few years, we have seen at least 15 non-profit private institutions disappear from the national data, and we can anticipate perhaps a continued decline in this group as inadequately funded institutions are closed or absorbed by other colleges. Few public institutions will disappear, although some may be consolidated within larger statewide university systems as local political considerations tend to slow the elimination of small uneconomic state campuses. The rise and fall of for-profit and other innovative instructional enterprises that we have witnessed in recent years will likely result in new arrangements that seek to capture the surplus revenue possible from for-profit instructional programs subsidized by federal student aid and relatively permissive loan structures. Some for-profits will convert themselves to non-profits but retain financial linkages that transfer revenue from the non-profit's

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<sup>19</sup> We have worked on this issue with other colleagues. See the item above "The Unrecognized Complexity of Higher Education," by Lombardi, et al.



accredited instructional services to a for-profit through a wide range of service contracts. National political initiatives to subsidize the cost of student attendance and significantly increase the college-going population, may perhaps reduce the impact of demographic readjustments in the 18-24 college-eligible group.<sup>20</sup>

Among the many changes we can anticipate, current estimates and past behavior indicate that the national commitment to funding academic research will remain strong and continue to expand. Throughout the period of this project, through economic crises and prosperity, the total federal research commitment has continued to grow. The focus of federal investment can change over time as federal priorities change, but America's research institutions have been remarkably successful at following these policy changes with research proposals that continue to win funding in the peer review process. We do not anticipate any significant reduction, for example, in the current emphasis on medically related federal research funding, a category that has continued to expand over the years. The advantage of having a research-intensive medical school as part of a research university will continue to be significant, although our data show that it is the research intensity of a medical school that helps university competition, not just the presence of a medical school.<sup>21</sup>

The current structure of the higher education marketplace is likely to remain relatively stable, with institutions falling into four major categories: high intensity research universities, comprehensive universities with some research presence, predominantly instructional institutions with significant masters and professional programs, and small public and private institutions that focus almost exclusively on undergraduate education. This last category is easily subdivided into those institutions with good enrollments, perhaps over 2 to 3,000 and substantial endowments and those with smaller enrollments, low endowments, and no state funding. This last subcategory will be at constant risk of institutional closures or consolidations.

Within this higher education marketplace, however, the role of the community college is likely to remain significant and grow, not only in its traditional role as providing students from transfer programs to four-year institutions but a continued increase in the occupational programs that have been a major category of educational opportunity for students in the past. Free access to these institutions, an original characteristic of the institutional type, may become again a national or state priority and increase community colleges' strong participation in the development of a credentialed workforce with specialized critical skills. Additionally, the already robust online educational marketplace will likely expand, capturing adult students and emphasizing employment related credentials. Both traditional and online only institutions will compete aggressively in this space seeing these programs as sources of surplus revenue producers.

For our own group, the universities with over \$40M, we can be almost certain that the competitive environment that we have followed over these years will continue with the top performers remaining at the top and a few challengers entering the top ranks. In every case, success will come from effective investment in all the assets required to acquire highly qualified and competitive research faculty, staff, and students.

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<sup>20</sup> NCES Digest of Education Statistics has a table that tracks college closures, table 317.50 in the most recent digest available [[https://nces.ed.gov/programs/digest/current\\_tables.asp](https://nces.ed.gov/programs/digest/current_tables.asp)]. For a perspective on the closure or consolidation of academic institutions a useful review of those since 2016 is in "A look at trends in college consolidation since 2016, *Higher Ed Dive*, January 28, 2021 [<https://www.highereddive.com/news/how-many-colleges-and-universities-have-closed-since-2016/539379/>]

<sup>21</sup> For review of the federal commitment to academic R&D see the comprehensive report in National Science Board, *Academic Research and Development. Science and Engineering Indicators 2020*. National Science Foundation (NSB-2020-2), Alexandria, VA, 2020 [<https://nces.nsf.gov/pubs/nsb20202/>]. A comprehensive study of the current and future research context see Tim Lieuwen and Wen Masters (Co-Chairs), *Research Next: A Landscape Analysis for the Future of University Research* (Atlanta: Georgia Tech, 2021) [<https://researchnext.gatech.edu/>]

Appendix. Institutions in the Top American Research Universities: 2000-2020

Institutions	Control	State	Standalone Medical (Med) or Specialized Institution (Spec)	Number of Years in TARU (Over \$40M)	Number of Years in Top 1-25 National	Number of Years in Top 1-25 Control
Arizona State University	Public	AZ		21	9	15
Auburn University	Public	AL		18	0	0
Augusta University	Public	GA		13	0	0
Baylor College of Medicine	Private	TX	Med	21	8	21
Boston University	Private	MA		21	10	21
Brandeis University	Private	MA		11	0	4
Brown University	Private	RI		21	20	21
California Institute of Technology	Private	CA		21	21	21
Carnegie Mellon University	Private	PA		21	11	21
Case Western Reserve University	Private	OH		21	7	21
Charles R. Drew University of Medicine and Science	Private	CA	Med	6	0	0
Clemson University	Public	SC		18	0	3
Cleveland State University	Public	OH		8	0	0
Cold Spring Harbor Laboratory	Private	NY	Spec	8	0	0
Colorado State University - Fort Collins	Public	CO		21	0	1
Columbia University	Private	NY		21	21	21
Cornell University	Private	NY		21	21	21
Dartmouth College	Private	NH		21	21	21
Drexel University	Private	PA		16	0	2
Duke University	Private	NC		21	21	21
Emory University	Private	GA		21	21	21
Florida International University	Public	FL		16	0	0
Florida State University	Public	FL		21	0	1
George Mason University	Public	VA		12	0	0
George Washington University	Private	DC		21	0	20
Georgetown University	Private	DC		21	1	19
Georgia Institute of Technology	Public	GA		21	13	21
Georgia State University	Public	GA		3	0	0
Hampton University	Private	VA		1	0	0
Harvard University	Private	MA		21	21	21
Howard University	Private	DC		2	0	0
Icahn School of Medicine at Mount Sinai	Private	NY	Med	21	9	21
Indiana University - Bloomington	Public	IN		20	1	21
Indiana University - Purdue University - Indianapolis	Public	IN		17	0	5
Iowa State University	Public	IA		21	0	4
Johns Hopkins University	Private	MD		21	21	21
Kansas State University	Public	KS		17	0	1
Louisiana State University - Baton Rouge	Public	LA		19	0	0
Louisiana State University HSC - New Orleans	Public	LA	Med	9	0	0
Massachusetts Institute of Technology	Private	MA		21	21	21
MCP Hahnemann University*	Private	PA	Med	1	0	0
Medical College of Wisconsin	Private	WI	Med	21	0	0
Medical University of South Carolina	Public	SC	Med	19	0	0
Michigan State University	Public	MI		21	13	21
Mississippi State University	Public	MS		21	0	0
Montana State University - Bozeman	Public	MT		16	0	0

Appendix. Institutions in the Top American Research Universities: 2000-2020 (Cont.)

Institutions	Control	State	Standalone Medical (Med) or Specialized Institution (Spec)	Number of Years in TARU (Over \$40M)	Number of Years in Top 1-25 National	Number of Years in Top 1-25 Control
Naval Postgraduate School	Public	CA	Spec	18	0	0
New Jersey Institute of Technology	Public	NJ		12	0	0
New Mexico Institute of Mining and Technology	Public	NM		5	0	2
New Mexico State University - Las Cruces	Public	NM		21	0	1
New York University	Private	NY		21	21	21
North Carolina State University	Public	NC		21	2	19
North Dakota State University	Public	ND		9	0	0
Northeastern University	Private	MA		9	3	6
Northwestern University	Private	IL		21	21	21
Ohio State University - Columbus	Public	OH		21	21	21
Oklahoma State University - Stillwater	Public	OK		9	0	1
Oregon Health & Science University	Public	OR	Med	21	0	8
Oregon State University	Public	OR		21	0	1
Pennsylvania State University - Hershey Med. Ctr.	Public	PA	Med	12	0	0
Pennsylvania State University - University Park	Public	PA		21	21	21
Princeton University	Private	NJ		21	21	21
Purdue University - West Lafayette	Public	IN		21	21	21
Rensselaer Polytechnic Institute	Private	NY		14	0	1
Rice University	Private	TX		16	21	21
Rockefeller University	Private	NY	Spec	21	20	21
Rush University	Private	IL	Med	16	0	0
Rutgers University - New Brunswick	Public	NJ		21	7	21
Saint Louis University - St. Louis	Private	MO		4	0	7
San Diego State University	Public	CA		8	0	0
Scripps Research Institute	Private	CA	Spec	15	1	21
South Dakota State University	Public	SD		2	0	0
Stanford University	Private	CA		21	21	21
State Univ. of New York - Polytechnic Institute	Public	NY		2	0	0
Stony Brook University	Public	NY		21	1	9
Syracuse University	Private	NY		2	0	0
Temple University	Public	PA		18	0	4
Texas A&M University - College Station	Public	TX		21	21	21
Thomas Jefferson University	Private	PA	Med	21	0	3
Tufts University	Private	MA		21	12	19
Tulane University	Private	LA		21	0	0
U.S. Air Force Academy	Public	CO		5	0	18
Uniformed Services Univ. of the Health Sciences	Public	MD	Med	13	0	1
University at Albany	Public	NY		20	0	1
University at Buffalo	Public	NY		21	0	10
University of Alabama - Birmingham	Public	AL		21	6	21
University of Alabama - Huntsville	Public	AL		14	0	2
University of Alaska - Fairbanks	Public	AK		19	1	3
University of Arizona	Public	AZ		21	12	21
University of Arkansas - Fayetteville	Public	AR		2	1	6
University of Arkansas for Medical Sciences	Public	AR	Med	16	0	4
University of California - Berkeley	Public	CA		21	21	21

Appendix. Institutions in the Top American Research Universities: 2000-2020 (Cont.)

Institutions	Control	State	Standalone Medical (Med) or Specialized Institution (Spec)	Number of Years in TARU (Over \$40M)	Number of Years in Top 1-25 National	Number of Years in Top 1-25 Control
University of California - Davis	Public	CA		21	21	21
University of California - Irvine	Public	CA		21	4	21
University of California - Los Angeles	Public	CA		21	21	21
University of California - Riverside	Public	CA		16	0	2
University of California - San Diego	Public	CA		21	21	21
University of California - San Francisco	Public	CA	Med	21	21	21
University of California - Santa Barbara	Public	CA		21	18	21
University of California - Santa Cruz	Public	CA		15	0	0
University of Central Florida	Public	FL		15	0	0
University of Chicago	Private	IL		21	21	21
University of Cincinnati - Cincinnati	Public	OH		21	0	18
University of Colorado - Boulder	Public	CO		21	17	21
University of Colorado - Denver/Anschutz Medical	Public	CO		21	0	19
University of Connecticut - Health Center	Public	CT	Med	17	0	0
University of Connecticut - Storrs	Public	CT		17	0	2
University of Dayton	Private	OH		17	0	0
University of Delaware	Public	DE		18	0	21
University of Florida	Public	FL		21	21	21
University of Georgia	Public	GA		21	2	19
University of Hawaii - Manoa	Public	HI		21	0	0
University of Houston - University Park	Public	TX		12	0	1
University of Idaho	Public	ID		16	0	0
University of Illinois - Chicago	Public	IL		21	0	5
University of Illinois - Urbana-Champaign	Public	IL		21	21	21
University of Iowa	Public	IA		21	1	21
University of Kansas - Lawrence	Public	KS		19	0	18
University of Kansas Medical Center	Public	KS	Med	14	0	0
University of Kentucky	Public	KY		21	0	4
University of Louisville	Public	KY		15	0	1
University of Maine - Orono	Public	ME		8	0	0
University of Maryland - Baltimore	Public	MD	Med	21	0	5
University of Maryland - Baltimore County	Public	MD		14	0	0
University of Maryland - College Park	Public	MD		21	21	21
University of Massachusetts - Amherst	Public	MA		20	0	4
University of Massachusetts Med. Sch. - Worcester	Public	MA	Med	21	2	6
University of Medicine & Dentistry of New Jersey*	Public	NJ	Med	16	0	0
University of Miami	Private	FL		21	0	21
University of Michigan - Ann Arbor	Public	MI		21	21	21
University of Minnesota - Twin Cities	Public	MN		21	21	21
University of Mississippi - Oxford	Public	MS		3	0	0
University of Mississippi Medical Center	Public	MS	Med	1	0	0
University of Missouri - Columbia	Public	MO		21	0	5
University of Montana - Missoula	Public	MT		3	0	0
University of Nebraska - Lincoln	Public	NE		19	0	8
University of Nebraska Medical Center	Public	NE	Med	15	0	0
University of Nevada - Las Vegas	Public	NV		3	0	0

Appendix. Institutions in the Top American Research Universities: 2000-2020 (Cont.)

Institutions	Control	State	Standalone Medical (Med) or Specialized Institution (Spec)	Number of Years in TARU (Over \$40M)	Number of Years in Top 1-25 National	Number of Years in Top 1-25 Control
University of Nevada - Reno	Public	NV		16	0	0
University of New Hampshire - Durham	Public	NH		18	0	0
University of New Mexico - Albuquerque	Public	NM		21	0	1
University of North Carolina - Chapel Hill	Public	NC		21	21	21
University of North Dakota	Public	ND		11	0	0
University of Notre Dame	Private	IN		16	21	21
University of Oklahoma - Health Sciences Center	Public	OK	Med	15	0	0
University of Oklahoma - Norman	Public	OK		13	0	7
University of Oregon	Public	OR		15	0	6
University of Pennsylvania	Private	PA		21	21	21
University of Pittsburgh - Pittsburgh	Public	PA		21	21	21
University of Puerto Rico - Medical Sciences	Public	PR	Med	1	0	0
University of Rhode Island	Public	RI		18	0	0
University of Rochester	Private	NY		21	1	21
University of South Carolina - Columbia	Public	SC		21	0	1
University of South Florida - Tampa	Public	FL		20	0	0
University of Southern California	Private	CA		21	21	21
University of Southern Mississippi	Public	MS		4	0	0
University of Tennessee - Knoxville	Public	TN		21	0	6
University of Tennessee Health Science Center	Public	TN	Med	12	0	0
University of Texas - Austin	Public	TX		21	21	21
University of Texas - El Paso	Public	TX		4	0	0
University of Texas HSC - Houston	Public	TX	Med	21	0	0
University of Texas HSC - San Antonio	Public	TX	Med	21	0	0
University of Texas MD Anderson Cancer Center	Public	TX	Med	21	18	20
University of Texas Medical Branch - Galveston	Public	TX	Med	21	0	2
University of Texas SW Medical Center - Dallas	Public	TX	Med	21	4	21
University of Toledo	Public	OH		1	0	0
University of Utah	Public	UT		21	1	21
University of Vermont	Public	VT		18	0	0
University of Virginia	Public	VA		21	21	21
University of Washington - Seattle	Public	WA		21	21	21
University of Wisconsin - Madison	Public	WI		21	21	21
University of Wyoming	Public	WY		8	0	0
Utah State University	Public	UT		21	0	0
Vanderbilt University	Private	TN		21	21	21
Virginia Commonwealth University	Public	VA		21	0	7
Virginia Polytechnic Institute and State University	Public	VA		21	0	13
Wake Forest University	Private	NC		21	0	2
Washington State University - Pullman	Public	WA		21	0	0
Washington University in St. Louis	Private	MO		21	21	21
Wayne State University	Public	MI		21	0	0
Weill Cornell Medical College	Private	NY	Med	21	0	20
West Virginia University	Public	WV		17	0	0
Woods Hole Oceanographic Institution	Private	MA	Spec	21	0	0
Wright State University - Dayton	Public	OH		1	0	0
Yale University	Private	CT		21	21	21
Yeshiva University	Private	NY		21	3	19

\* No longer open. UMDNJ merged with Rutgers and MCP Hahnemann merged with Drexel.



## Part I – The Top American Research Universities

*The Center for Measuring University Performance* 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 scores. (The Source Notes section of this study provides detailed information on each of the nine indicators.) The tables group research institutions according to how many times they rank in the top 25 on each of these nine measures. The top category includes those universities that rank in the top 25 on all nine indicators. The bottom category includes universities with only one of the nine measures ranked in the top 25. Within these groups, institutions are then sorted by how many times they rank between 26 and 50 on the nine performance variables, with ties listed alphabetically. A similar methodology produces a second set of institutions—those ranked 26 through 50 on the same nine measures.

For the purpose of this study, *The Center for Measuring University Performance* includes only those institutions that had at least \$40 million in federal research expenditures in fiscal year 2018. This is the same dollar cutoff used since the 2008 report. There were 164 institutions who met our criteria, 117 public and 47 private.

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 through sixth 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. Many research universities rank highly both nationally and among their public or private peers, and therefore appear in more than one table.

- **The Top American Research Universities (1-25)** identifies the 48 institutions (23 private, 25 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 29 institutions (9 private, 20 public) that rank 26 through 50 nationally on at least one of the nine measures.
- **The Top Private Research Universities (1-25)** identifies the 30 private institutions that rank in the top 25 among all private universities on at least one of the nine measures.
- **The Top Private Research Universities (26-50)** identifies the 7 private institutions that rank 26 through 50 among their private counterparts on at least one of the nine measures.
- **The Top Public Research Universities (1-25)** identifies the 41 public institutions that rank in the top 25 among all public universities on at least one of the nine measures.
- **The Top Public Research Universities (26-50)** identifies the 34 public institutions that rank 26 through 50 among their public counterparts on at least one of the nine measures.
- **The Top Medical and Specialized Research Universities** tables identify the institutions that have at least one measure that ranks in the top 50 nationally or among their private and public counterparts.

Data found in these tables may not always match the figures published by the original source. *The Center for Measuring University Performance* 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, *The Center for Measuring University Performance* may substitute another figure, if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

*The Center for Measuring University Performance* presents these tables, along with prior years' top universities, in Microsoft Excel spreadsheets on its website [<http://mup.umass.edu>].

## The Top American Research Universities

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	2018 Total Research x \$1000	2018 National Rank	2018 Federal Research x \$1000	2018 National Rank	2019 Endowment Assets x \$1000	2019 National Rank
Private	Columbia University	9	0	908,771	17	673,792	6	10,950,738	12
Private	Harvard University	9	0	1,066,612	12	578,722	13	39,427,896	1
Private	Massachusetts Institute of Technology	9	0	893,508	18	476,576	20	17,569,328	5
Private	Stanford University	9	0	1,106,314	10	685,871	4	27,699,834	3
Private	Duke University	8	1	1,153,947	8	644,179	10	8,609,004	13
Private	Johns Hopkins University	8	1	2,656,152	1	2,246,705	1	6,275,939	19
Public	University of Michigan - Ann Arbor	8	1	1,493,353	3	841,158	3	12,448,817	9
Private	University of Pennsylvania	8	1	1,304,291	5	671,796	7	14,649,762	6
Private	Yale University	8	1	972,856	14	549,026	16	30,314,800	2
Private	Northwestern University	7	2	776,458	27	464,689	21	11,091,516	11
Public	University of California - Los Angeles	7	1	1,242,619	7	557,986	14	4,902,768	26
Public	University of Washington - Seattle	7	1	1,342,509	4	955,518	2	2,935,220	36
Private	Washington University in St. Louis	7	1	797,267	25	496,648	18	7,953,986	15
Public	University of California - Berkeley	6	3	747,690	29	324,521	38	4,903,675	25
Private	University of Southern California	6	3	854,673	21	488,081	19	5,732,101	22
Public	University of Minnesota - Twin Cities	6	2	915,798	16	455,294	23	3,951,464	30
Public	University of Wisconsin - Madison	6	2	1,113,968	9	555,666	15	3,553,672	33
Public	Ohio State University - Columbus	6	1	818,428	23	439,594	24	5,256,759	24
Private	Cornell University	5	4	630,255	36	297,855	43	5,803,967	21
Private	New York University	5	3	801,961	24	395,445	26	4,345,608	27
Private	University of Chicago	5	3	412,791	58	297,824	44	8,263,868	14
Public	University of North Carolina - Chapel Hill	5	3	1,094,063	11	681,581	5	3,671,351	32
Public	University of California - San Diego	5	2	1,256,171	6	634,676	12	1,746,546	62
Public	University of Texas - Austin	4	4	617,567	38	386,954	28	13,817,599	7
Private	Princeton University	4	3	351,594	71	179,659	71	26,116,023	4
Public	Georgia Institute of Technology	3	5	859,009	20	646,317	9	2,169,005	49
Public	Texas A&M University - College Station	3	5	882,191	19	316,771	39	12,736,450	8
Private	Vanderbilt University	3	5	702,128	30	456,599	22	6,270,877	20
Public	Pennsylvania State Univ. - Univ. Park	3	3	783,960	26	501,784	17	2,549,603	39
Public	University of Pittsburgh - Pittsburgh	3	3	995,762	13	643,129	11	4,311,387	28
Private	University of Notre Dame	3	1	190,469	109	92,144	108	11,268,365	10
Private	Emory University	2	6	693,172	31	392,971	27	7,872,381	16
Public	Purdue University - West Lafayette	2	5	535,826	42	230,208	59	2,625,278	38
Public	University of California - Davis	2	5	774,775	28	354,823	31	1,670,738	66
Public	Univ. of Illinois - Urbana-Champaign	2	5	609,984	39	339,732	35	1,857,157	58
Private	California Institute of Technology	2	4	363,007	67	268,765	47	2,975,376	35
Public	University of Florida	2	4	831,362	22	340,725	34	1,825,250	59
Public	Arizona State University	2	3	559,391	41	244,795	56	922,103	121
Private	Dartmouth College	2	1	287,951	79	139,692	88	5,731,322	23
Private	Rice University	2	0	157,352	124	77,607	126	6,481,102	18
Public	Michigan State University	1	6	673,959	32	315,674	40	3,404,779	34
Public	University of Maryland - College Park	1	5	529,200	45	351,952	32	652,556	165
Public	University of Virginia	1	5	490,902	50	231,161	58	7,058,235	17
Private	Brown University	1	4	233,689	95	161,384	79	3,976,694	29
Public	North Carolina State University	1	4	497,851	49	214,440	61	1,400,655	77
Public	Rutgers University - New Brunswick	1	4	666,368	34	330,823	36	1,253,185	86
Private	Carnegie Mellon University	1	2	318,218	74	181,958	70	2,542,650	40
Public	University of California - Santa Barbara	1	2	223,349	98	110,065	98	263,100	290



## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 National Rank	2019 National Academy Members	2019 National Rank	2019 Faculty Awards	2019 National Rank	2019 Doctorates Granted	2019 National Rank	2018 Post Docs	2018 National Rank	2018 Median SAT	2018 National Rank
668,002	7	144	5	41	6	576	22	1,294	6	1505	6
1,378,968	2	428	1	76	1	771	9	6,024	1	1520	4
594,564	11	283	3	30	11	687	18	1,413	4	1535	2
1,112,229	3	336	2	51	3	770	10	2,304	2	1495	17
507,090	16	73	17	22	28	551	25	671	22	1500	9
2,665,590	1	120	10	23	25	537	28	1,786	3	1500	9
500,987	17	120	10	56	2	827	6	1,350	5	1420	47
626,235	9	136	7	41	6	548	26	1,141	11	1485	19
657,109	8	129	8	31	9	430	40	1,186	9	1515	5
390,138	23	53	23	30	11	518	32	920	15	1500	9
733,013	4	109	14	27	19	733	14	932	14	1405	57
711,063	5	104	15	46	4	729	16	1,034	13	1340	100
406,133	22	56	22	20	31	302	73	665	24	1480	21
550,602	12	237	4	45	5	881	3	1,208	8	1425	45
687,363	6	44	30	23	25	917	1	459	42	1440	37
373,210	24	45	28	31	9	751	11	1,147	10	1325	112
284,393	32	71	18	26	21	829	5	740	19	1355	88
406,588	21	33	39	13	57	886	2	665	24	1355	88
358,077	25	69	19	23	25	531	29	525	34	1465	25
517,771	14	60	21	29	15	430	40	753	17	1410	55
535,050	13	75	16	27	19	423	43	431	44	1500	9
412,669	20	38	32	26	21	514	33	743	18	1400	60
289,034	30	119	12	26	21	528	30	1,267	7	1365	82
423,913	19	69	19	19	36	873	4	452	43	1355	88
326,263	27	124	9	30	11	398	49	621	27	1505	6
132,774	68	35	34	17	39	526	31	373	49	1465	25
287,998	31	45	28	21	29	774	8	508	35	1275	167
226,809	41	34	37	21	29	319	69	492	39	1500	9
153,738	55	30	42	30	11	632	20	344	53	1260	184
142,451	63	29	44	20	31	391	51	718	20	1350	96
444,877	18	3	124	15	47	242	90	34	189	1500	9
513,958	15	33	39	15	47	246	87	540	33	1435	39
190,858	44	28	45	28	17	730	15	424	45	1295	142
182,539	46	48	27	29	15	546	27	885	16	1280	157
215,212	42	50	26	32	8	814	7	423	46	1340	100
240,241	38	116	13	10	75	207	104	617	28	1555	1
289,665	29	27	46	13	57	750	12	664	26	1360	83
266,131	36	24	50	28	17	714	17	331	56	1245	208
279,890	33	15	63	13	57	100	177	151	101	1490	18
160,405	52	22	56	5	119	233	92	207	87	1500	9
177,728	47	15	63	19	36	562	24	559	32	1210	272
152,798	57	27	46	17	39	612	21	474	40	1380	73
342,867	26	22	56	20	31	343	60	402	47	1415	48
239,379	39	24	50	16	43	225	97	228	78	1485	19
158,539	53	24	50	20	31	571	23	499	37	1340	100
152,940	56	38	32	17	39	744	13	290	61	1300	136
150,237	59	41	31	12	62	322	68	224	79	1500	9
182,898	45	53	23	16	43	327	66	315	59	1345	97

## The Top American Research Universities

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	2018 Total Research x \$1000	2018 National Rank	2018 Federal Research x \$1000	2018 National Rank	2019 Endowment Assets x \$1000	2019 National Rank
Private	Boston University	6	435,864	56	264,281	50	2,304,235	45
Public	University of Arizona	6	672,038	33	287,852	45	1,038,133	108
Public	University of Utah	5	534,208	44	302,586	41	1,225,045	89
Public	Indiana University - Bloomington	4	534,811	43	245,402	55	1,172,818	92
Public	University of Colorado - Boulder	4	488,883	51	376,870	29	705,656	156
Public	University of California - Irvine	3	399,295	60	192,182	66	1,029,020	109
Public	University of Colorado - Denver/Anschutz Medical	3	517,749	48	326,254	37	552,885	188
Private	University of Rochester	3	369,072	66	283,973	46	2,239,720	47
Public	Virginia Polytechnic Institute and State University	3	520,575	47	195,140	64	1,357,969	81
Private	Case Western Reserve University	2	430,379	57	346,935	33	1,866,500	57
Private	Georgetown University	2	192,160	107	88,778	110	1,822,484	60
Public	University of Alabama - Birmingham	2	575,060	40	370,401	30	519,025	198
Public	Florida State University	1	260,486	86	129,435	92	704,106	157
Public	Iowa State University	1	343,890	72	145,241	83	1,101,709	100
Private	Northeastern University	1	156,546	125	109,443	99	1,055,474	106
Private	Rensselaer Polytechnic Institute	1	94,221	158	46,385	156	739,648	147
Private	Tufts University	1	197,478	105	128,404	93	1,867,962	56
Private	Tulane University	1	179,813	112	102,090	104	1,429,707	72
Public	University at Buffalo	1	393,241	62	183,124	69	794,895	134
Public	University of Connecticut - Storrs	1	163,543	120	88,586	111	353,994	247
Public	University of Georgia	1	390,773	63	144,926	84	1,343,987	82
Public	University of Iowa	1	484,253	52	243,216	57	1,578,933	68
Public	University of Kansas - Lawrence	1	177,249	114	85,397	119	1,419,568	73
Public	University of Massachusetts - Amherst	1	193,495	106	103,555	103	367,075	239
Private	University of Miami	1	355,132	69	191,408	67	997,413	112
Public	University of Missouri - Columbia	1	245,600	90	108,254	100	1,052,760	107
Public	University of Oregon	1	83,132	165	56,403	143	1,131,111	95
Public	University of South Carolina - Columbia	1	199,483	104	88,117	113	713,376	153
Public	University of South Florida - Tampa	1	524,744	46	245,414	54	513,545	199

## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 National Rank	2019 National Academy Members	2019 National Rank	2019 Faculty Awards	2019 National Rank	2019 Doctorates Granted	2019 National Rank	2018 Post Docs	2018 National Rank	2018 Median SAT	2018 National Rank
170,862	50	21	59	14	52	491	35	367	50	1415	48
244,738	37	32	41	11	68	448	38	497	38	1195	306
279,746	34	24	50	15	47	376	54	362	51	1225	245
236,740	40	16	62	10	75	504	34	399	48	1255	198
136,225	67	34	37	19	36	409	47	284	65	1255	198
115,600	77	35	34	17	39	407	48	341	54	1300	136
175,877	48	14	66	7	97	206	107	331	56	1115	633
117,629	75	19	61	16	43	253	82	218	82	1410	55
119,795	73	12	71	16	43	469	37	218	82	1285	154
112,286	81	20	60	12	62	207	104	189	92	1430	40
172,119	49	11	74	6	108	123	157	112	122	1450	29
90,237	101	8	90	1	280	146	133	234	77	1210	272
92,895	100	8	90	14	52	422	44	242	73	1275	167
122,717	71	8	90	12	62	416	46	323	58	1210	272
82,655	108	5	107	11	68	200	110	154	98	1460	28
57,776	132	7	95	5	119	148	132	94	129	1415	48
85,612	106	8	90	3	160	141	137	258	72	1445	31
109,091	85	3	124	5	119	125	155	115	118	1415	48
58,842	130	7	95	15	47	387	52	277	66	1245	208
55,552	139	1	159	15	47	334	64	113	121	1315	122
142,504	62	9	83	13	57	488	36	236	76	1325	112
144,574	61	23	54	11	68	418	45	362	51	1225	245
208,245	43	5	107	9	83	317	70	99	126	1240	213
41,175	171	9	83	20	31	350	58	153	99	1295	142
294,135	28	12	71	6	108	195	112	259	71	1340	100
100,290	91	10	78	9	83	426	42	199	89	1240	213
279,154	35	11	74	7	97	183	117	69	146	1185	338
104,246	88	1	159	6	108	431	39	114	119	1275	167
65,533	122	10	78	13	57	373	55	307	60	1250	205

## The Top American Research Universities

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 Control	Number of Measures in Top 26-50 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Private	Columbia University	9	0	908,771	7	673,792	3	10,950,738	9
Private	Cornell University	9	0	630,255	16	297,855	18	5,803,967	17
Private	Duke University	9	0	1,153,947	3	644,179	5	8,609,004	10
Private	Harvard University	9	0	1,066,612	5	578,722	6	39,427,896	1
Private	Johns Hopkins University	9	0	2,656,152	1	2,246,705	1	6,275,939	15
Private	Massachusetts Institute of Technology	9	0	893,508	8	476,576	10	17,569,328	5
Private	Northwestern University	9	0	776,458	12	464,689	11	11,091,516	8
Private	Stanford University	9	0	1,106,314	4	685,871	2	27,699,834	3
Private	University of Chicago	9	0	412,791	20	297,824	19	8,263,868	11
Private	University of Pennsylvania	9	0	1,304,291	2	671,796	4	14,649,762	6
Private	Vanderbilt University	9	0	702,128	13	456,599	12	6,270,877	16
Private	Washington University in St. Louis	9	0	797,267	11	496,648	8	7,953,986	12
Private	Yale University	9	0	972,856	6	549,026	7	30,314,800	2
Private	Emory University	8	1	693,172	14	392,971	15	7,872,381	13
Private	University of Southern California	8	1	854,673	9	488,081	9	5,732,101	18
Private	New York University	8	0	801,961	10	395,445	14	4,345,608	20
Private	California Institute of Technology	7	2	363,007	24	268,765	21	2,975,376	22
Private	Princeton University	7	2	351,594	27	179,659	27	26,116,023	4
Private	Boston University	6	3	435,864	18	264,281	23	2,304,235	29
Private	Brown University	5	4	233,689	32	161,384	30	3,976,694	21
Private	Carnegie Mellon University	5	4	318,218	28	181,958	26	2,542,650	24
Private	University of Notre Dame	5	2	190,469	38	92,144	39	11,268,365	7
Private	Dartmouth College	4	4	287,951	30	139,692	33	5,731,322	19
Private	University of Rochester	4	4	369,072	23	283,973	20	2,239,720	31
Private	Case Western Reserve University	3	6	430,379	19	346,935	16	1,866,500	38
Private	University of Miami	3	4	355,132	25	191,408	25	997,413	67
Private	Rice University	2	7	157,352	40	77,607	43	6,481,102	14
Private	Georgetown University	1	7	192,160	36	88,778	40	1,822,484	39
Private	Drexel University	1	5	148,107	43	80,074	42	813,685	84
Private	Yeshiva University	1	3	300,630	29	197,140	24	665,001	105

## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank	2018 Median SAT	2018 Control Rank
668,002	5	144	4	41	3	576	6	1,294	5	1505	6
358,077	16	69	12	23	11	531	10	525	18	1465	25
507,090	12	73	11	22	14	551	7	671	11	1500	9
1,378,968	2	428	1	76	1	771	2	6,024	1	1520	4
2,665,590	1	120	8	23	11	537	9	1,786	3	1500	9
594,564	8	283	3	30	6	687	4	1,413	4	1535	2
390,138	15	53	15	30	6	518	11	920	8	1500	9
1,112,229	3	336	2	51	2	770	3	2,304	2	1495	17
535,050	9	75	10	27	10	423	15	431	23	1500	9
626,235	7	136	5	41	3	548	8	1,141	7	1485	19
226,809	22	34	19	21	15	319	19	492	20	1500	9
406,133	14	56	14	20	16	302	20	665	13	1480	21
657,109	6	129	6	31	5	430	13	1,186	6	1515	5
513,958	11	33	20	15	19	246	24	540	17	1435	38
687,363	4	44	17	23	11	917	1	459	22	1440	36
517,771	10	60	13	29	9	430	13	753	9	1410	51
240,241	20	116	9	10	27	207	30	617	15	1555	1
326,263	17	124	7	30	6	398	16	621	14	1505	6
170,862	24	21	28	14	21	491	12	367	24	1415	45
239,379	21	24	24	16	17	225	28	228	29	1485	19
150,237	28	41	18	12	23	322	18	224	30	1500	9
444,877	13	3	51	15	19	242	25	34	59	1500	9
279,890	19	15	31	13	22	100	60	151	37	1490	18
117,629	29	19	30	16	17	253	22	218	31	1410	51
112,286	31	20	29	12	23	207	30	189	34	1430	39
294,135	18	12	33	6	34	195	33	259	26	1340	82
160,405	26	22	26	5	37	233	27	207	33	1500	9
172,119	23	11	34	6	34	123	52	112	44	1450	28
55,737	54	6	39	12	23	223	29	88	50	1275	120
31,379	85	13	32	3	53	91	67	241	28	1240	146

## The Top American Research Universities

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 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Private	George Washington University	8	242,029	31	153,412	32	1,778,559	40
Private	Northeastern University	8	156,546	41	109,443	37	1,055,474	64
Private	Rensselaer Polytechnic Institute	8	94,221	46	46,385	47	739,648	93
Private	Tufts University	8	197,478	35	128,404	35	1,867,962	37
Private	Tulane University	8	179,813	39	102,090	38	1,429,707	46
Private	Wake Forest University	7	190,991	37	154,031	31	1,375,398	49
Private	University of Dayton	2	143,636	44	130,488	34	604,176	109

## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank	2018 Median SAT	2018 Control Rank
113,273	30	10	35	9	29	240	26	95	46	1370	68
82,655	42	5	43	11	26	200	32	154	36	1460	27
57,776	50	7	38	5	37	148	40	94	47	1415	45
85,612	41	8	37	3	53	141	42	258	27	1445	30
109,091	33	3	51	5	37	125	50	115	43	1415	45
110,854	32	6	39	4	42	54	98	129	42		
27,671	99	0	89	1	106	46	109	11	80	1280	113

## The Top American Research Universities

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 Control	Number of Measures in Top 26-50 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Public	University of California - Berkeley	9	0	747,690	17	324,521	22	4,903,675	6
Public	University of California - Los Angeles	9	0	1,242,619	5	557,986	8	4,902,768	7
Public	University of California - San Diego	9	0	1,256,171	4	634,676	7	1,746,546	22
Public	University of Illinois - Urbana-Champaign	9	0	609,984	22	339,732	19	1,857,157	20
Public	University of Michigan - Ann Arbor	9	0	1,493,353	2	841,158	2	12,448,817	3
Public	University of Minnesota - Twin Cities	9	0	915,798	10	455,294	11	3,951,464	9
Public	University of North Carolina - Chapel Hill	9	0	1,094,063	7	681,581	3	3,671,351	11
Public	University of Texas - Austin	9	0	617,567	21	386,954	13	13,817,599	1
Public	University of Washington - Seattle	9	0	1,342,509	3	955,518	1	2,935,220	14
Public	University of Wisconsin - Madison	9	0	1,113,968	6	555,666	9	3,553,672	12
Public	Ohio State University - Columbus	8	1	818,428	14	439,594	12	5,256,759	5
Public	Texas A&M University - College Station	8	1	882,191	11	316,771	23	12,736,450	2
Public	University of California - Davis	8	1	774,775	16	354,823	16	1,670,738	23
Public	University of Florida	8	1	831,362	13	340,725	18	1,825,250	21
Public	Georgia Institute of Technology	7	2	859,009	12	646,317	5	2,169,005	17
Public	Purdue University - West Lafayette	7	2	535,826	25	230,208	36	2,625,278	15
Public	University of Pittsburgh - Pittsburgh	7	2	995,762	8	643,129	6	4,311,387	8
Public	Michigan State University	7	1	673,959	18	315,674	24	3,404,779	13
Public	Pennsylvania State Univ. - Univ. Park	6	2	783,960	15	501,784	10	2,549,603	16
Public	University of Maryland - College Park	6	2	529,200	28	351,952	17	652,556	60
Public	Rutgers University - New Brunswick	5	4	666,368	20	330,823	20	1,253,185	34
Public	University of Virginia	5	4	490,902	33	231,161	35	7,058,235	4
Public	North Carolina State University	4	5	497,851	32	214,440	38	1,400,655	30
Public	Arizona State University	4	4	559,391	24	244,795	33	922,103	48
Public	University of Arizona	4	4	672,038	19	287,852	26	1,038,133	44
Public	Indiana University - Bloomington	3	5	534,811	26	245,402	32	1,172,818	38
Public	University of Colorado - Boulder	3	4	488,883	34	376,870	14	705,656	57
Public	University of California - Santa Barbara	3	3	223,349	65	110,065	62	263,100	118
Public	University of California - Irvine	2	7	399,295	39	192,182	42	1,029,020	45
Public	University of Georgia	2	6	390,773	41	144,926	52	1,343,987	33
Public	University of Utah	2	6	534,208	27	302,586	25	1,225,045	36
Public	University of Alabama - Birmingham	2	1	575,060	23	370,401	15	519,025	80
Public	University of Iowa	1	7	484,253	35	243,216	34	1,578,933	24
Public	Virginia Polytechnic Inst. and St. Univ.	1	7	520,575	30	195,140	40	1,357,969	32
Public	Stony Brook University	1	4	240,949	62	134,802	56	341,878	101
Public	U. of Colorado - Denver/Anschutz Med.	1	4	517,749	31	326,254	21	552,885	75
Public	University of Massachusetts - Amherst	1	3	193,495	71	103,555	66	367,075	95
Public	University of Oregon	1	2	83,132	118	56,403	97	1,131,111	39
Public	University of Delaware	1	1	179,560	74	113,582	61	1,466,070	25
Public	University of Kansas - Lawrence	1	1	177,249	75	85,397	78	1,419,568	27
Public	Virginia Commonwealth University	1	1	222,757	66	122,771	60	2,042,520	18



## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank	2018 Median SAT	2018 Control Rank
550,602	4	237	1	45	3	881	2	1,208	3	1425	2
733,013	1	109	5	27	10	733	11	932	7	1405	5
289,034	12	119	4	26	11	528	20	1,267	2	1365	12
215,212	20	50	10	32	4	814	6	423	23	1340	19
500,987	5	120	3	56	1	827	5	1,350	1	1420	3
373,210	9	45	12	31	5	751	8	1,147	4	1325	25
412,669	7	38	14	26	11	514	22	743	9	1400	6
423,913	6	69	8	19	20	873	3	452	21	1355	14
711,063	2	104	6	46	2	729	13	1,034	6	1340	19
284,393	14	71	7	26	11	829	4	740	10	1355	14
406,588	8	33	20	13	36	886	1	665	12	1355	14
287,998	13	45	12	21	15	774	7	508	17	1275	48
182,539	24	48	11	29	7	546	19	885	8	1280	45
289,665	11	27	25	13	36	750	9	664	13	1360	13
132,774	40	35	16	17	23	526	21	373	26	1465	1
190,858	22	28	24	28	8	730	12	424	22	1295	38
142,451	35	29	23	20	16	391	35	718	11	1350	17
177,728	25	15	33	19	20	562	18	559	16	1210	87
153,738	28	30	22	30	6	632	15	344	29	1260	54
152,798	30	27	25	17	23	612	16	474	20	1380	9
152,940	29	38	14	17	23	744	10	290	37	1300	35
342,867	10	22	31	20	16	343	44	402	24	1415	4
158,539	27	24	27	20	16	571	17	499	18	1340	19
266,131	17	24	27	28	8	714	14	331	32	1245	65
244,738	18	32	21	11	43	448	26	497	19	1195	102
236,740	19	16	32	10	49	504	23	399	25	1255	59
136,225	39	34	19	19	20	409	32	284	41	1255	59
182,898	23	53	9	16	27	327	49	315	35	1345	18
115,600	48	35	16	17	23	407	33	341	30	1300	35
142,504	34	9	47	13	36	488	24	236	48	1325	25
279,746	15	24	27	15	29	376	38	362	27	1225	77
90,237	63	8	54	1	175	146	93	234	49	1210	87
144,574	33	23	30	11	43	418	30	362	27	1225	77
119,795	45	12	39	16	27	469	25	218	52	1285	43
68,501	73	14	35	10	49	367	40	274	43	1325	25
175,877	26	14	35	7	66	206	76	331	32	1115	231
41,175	101	9	47	20	16	350	42	153	63	1295	38
279,154	16	11	41	7	66	183	82	69	96	1185	113
64,419	77	9	47	4	90	263	59	160	62	1255	59
208,245	21	5	65	9	55	317	51	99	82	1240	68
82,365	67	7	58	7	66	353	41	204	55	1165	145

## The Top American Research Universities

Top Public Research Universities (26-50)		Research				Private		
Institutions in Order of Top 26-50 Score, then Alphabetically		Number of Measures in Top 26-50 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Public	University of Kentucky	7	382,973	42	168,968	46	1,407,221	28
Public	Iowa State University	6	343,890	45	145,241	51	1,101,709	40
Public	University at Buffalo	6	393,241	40	183,124	44	794,895	50
Public	University of South Florida - Tampa	6	524,744	29	245,414	31	513,545	81
Public	Colorado State University - Fort Collins	5	356,951	44	257,355	29	376,063	93
Public	University of Cincinnati - Cincinnati	5	464,289	37	246,400	30	1,453,000	26
Public	Florida State University	4	260,486	56	129,435	58	704,106	58
Public	Oregon State University	4	266,684	55	166,354	49	622,473	64
Public	University of Tennessee - Knoxville	4	303,951	49	143,406	53	750,492	54
Public	Washington State University - Pullman	4	314,688	47	131,229	57	1,067,842	42
Public	University of Connecticut - Storrs	3	163,543	81	88,586	71	353,994	99
Public	University of Illinois - Chicago	3	343,254	46	189,322	43	357,455	97
Public	University of Missouri - Columbia	3	245,600	60	108,254	63	1,052,760	43
Public	Florida International University	2	165,748	80	80,417	81	216,382	134
Public	University of Arkansas - Fayetteville	2	146,029	87	48,288	108	1,221,935	37
Public	University of California - Riverside	2	162,054	82	75,990	85	257,119	120
Public	University of California - Santa Cruz	2	123,221	99	62,218	91	210,387	138
Public	University of Hawaii - Manoa	2	272,971	54	166,398	48	326,993	103
Public	University of Houston - University Park	2	158,543	84	62,134	92	658,493	59
Public	University of Nebraska - Lincoln	2	275,161	52	102,078	67	1,082,434	41
Public	University of New Mexico - Albuquerque	2	245,400	61	167,315	47	457,313	85
Public	University of Oklahoma - Norman	2	143,376	88	87,989	74	1,384,500	31
Public	University of South Carolina - Columbia	2	199,483	70	88,117	73	713,376	56
Public	Auburn University	1	184,650	72	57,718	95	792,983	51
Public	Clemson University	1	160,361	83	66,618	89	774,514	52
Public	George Mason University	1	125,416	97	64,315	90	113,199	188
Public	Louisiana State University - Baton Rouge	1	278,075	51	83,453	80	519,887	79
Public	New Jersey Institute of Technology	1	124,565	98	78,313	82	129,455	173
Public	University of Alabama - Huntsville	1	94,519	112	74,315	86	77,250	246
Public	University of Central Florida	1	176,094	77	89,504	70	164,722	158
Public	University of Maryland - Baltimore County	1	70,358	123	52,934	103	102,019	201
Public	University of Nevada - Reno	1	127,049	96	59,879	94	377,446	92
Public	Utah State University	1	215,994	67	158,576	50	402,862	89
Public	West Virginia University	1	176,082	78	73,518	87	589,835	68

## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank	2018 Median SAT	2018 Control Rank
130,982	41	2	84	14	32	337	47	261	45	1240	68
122,717	43	8	54	12	40	416	31	323	34	1210	87
58,842	81	7	58	15	29	387	36	277	42	1245	65
65,533	76	10	44	13	36	373	39	307	36	1250	63
47,548	92	10	44	14	32	263	59	269	44	1175	137
115,042	49	8	54	9	55	250	62	288	38	1260	54
92,895	62	8	54	14	32	422	29	242	46	1275	48
112,749	50	4	70	12	40	296	55	222	50	1195	102
109,536	52	7	58	12	40	383	37	129	73	1310	30
98,680	58	9	47	11	43	312	53	181	59	1115	231
55,552	85	1	97	15	29	334	48	113	78	1315	29
55,212	86	6	61	7	66	343	44	117	75	1120	227
100,290	57	10	44	9	55	426	28	199	56	1240	68
39,763	102	3	74	11	43	215	72	242	46	1175	137
136,604	37	4	70	7	66	209	74	63	100	1240	68
23,776	133	11	41	11	43	293	56	216	53	1220	82
31,070	114	12	39	8	61	192	81	135	70	1295	38
45,942	97	11	41	9	55	206	76	199	56	1145	173
89,416	65	15	33	6	75	346	43	220	51	1220	82
107,651	53	1	97	10	49	316	52	170	60	1225	77
60,157	79	5	65	14	32	220	70	103	80	1110	236
119,126	46	0	145	4	90	233	66	149	65	1240	68
104,246	55	1	97	6	75	431	27	114	76	1275	48
96,605	60	1	97	3	108	244	64	67	97	1295	38
94,260	61	3	74	8	61	243	65	91	84	1310	30
97,695	59	2	84	10	49	293	56	36	126	1220	82
111,593	51	3	74	4	90	325	50	132	72	1240	68
13,554	182	1	97	4	90	56	157	33	134	1285	43
1,949	377	1	97	0	291	38	183	15	159	1310	30
56,841	84	6	61	11	43	251	61	146	67	1250	63
15,739	165	1	97	2	132	81	133	38	124	1275	48
46,212	96	2	84	10	49	123	106	87	87	1160	149
37,242	107	1	97	6	75	113	113	44	114	1195	102
122,060	44	2	84	9	55	194	80	79	89	1180	116

## The Top American Research Universities

Top Medical and Specialized Research Universities				Research			Private		
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically		Number of Measures in Top 25 National	Number of Measures in Top 26-50 National	2018 Total Research x \$1000	2018 National Rank	2018 Federal Research x \$1000	2018 National Rank	2019 Endowment Assets x \$1000	2019 National Rank
Public	University of California - San Francisco	6	1	1,595,732	2	669,470	8	3,679,094	31
Private	Icahn School of Medicine at Mount Sinai	2	2	640,141	35	398,656	25	714,803	152
Private	Rockefeller University	1	1	353,142	70	87,231	116	2,293,239	46
Public	Univ. of Texas MD Anderson Cancer Ctr.	1	1	929,710	15	173,206	72	1,405,649	76
Private	Baylor College of Medicine	0	3	623,396	37	300,098	42	1,301,005	84
Private	Scripps Research Institute	0	3	396,839	61	267,088	48		
Public	Univ. of Texas SW Medical Ctr. - Dallas	0	2	474,260	53	197,910	62	2,007,032	53
Public	Oregon Health & Science University	0	1	372,148	65	264,492	49	877,758	126
Private	Weill Cornell Medical College	0	1	403,485	59	166,613	75	1,522,808	69

Top Private Medical and Specialized Research Universities				Research			Private		
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically		Number of Measures in Top 25 Control	Number of Measures in Top 26-50 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Private	Icahn School of Medicine at Mount Sinai	5	1	640,141	15	398,656	13	714,803	97
Private	Baylor College of Medicine	4	1	623,396	17	300,098	17	1,301,005	51
Private	Scripps Research Institute	4	1	396,839	22	267,088	22		
Private	Rockefeller University	2	5	353,142	26	87,231	41	2,293,239	30
Private	Weill Cornell Medical College	2	5	403,485	21	166,613	28	1,522,808	45
Private	Thomas Jefferson University	0	6	148,573	42	64,869	45	954,177	69
Private	Cold Spring Harbor Laboratory	0	4	115,870	45	67,139	44		
Private	Medical College of Wisconsin	0	3	229,436	33	111,273	36	937,909	73
Private	Rush University	0	3	89,101	47	64,178	46	620,253	108
Private	Woods Hole Oceanographic Institution	0	3	204,400	34	163,003	29		

Top Public Medical and Specialized Research Universities				Research			Private		
Institutions in Order of Top 25 Score, then Top 26-50 Score, then Alphabetically		Number of Measures in Top 25 Control	Number of Measures in Top 26-50 Control	2018 Total Research x \$1000	2018 Control Rank	2018 Federal Research x \$1000	2018 Control Rank	2019 Endowment Assets x \$1000	2019 Control Rank
Public	University of California - San Francisco	7	0	1,595,732	1	669,470	4	3,679,094	10
Public	Univ. of Texas SW Med. Ctr. - Dallas	3	3	474,260	36	197,910	39	2,007,032	19
Public	Univ. of Texas MD Anderson Cancer Ctr.	2	4	929,710	9	173,206	45	1,405,649	29
Public	Oregon Health & Science University	0	6	372,148	43	264,492	27	877,758	49
Public	University of Maryland - Baltimore	0	4	450,619	38	263,732	28	361,175	96
Public	Univ. of Mass. Med. Sch. - Worcester	0	3	274,211	53	194,953	41	295,000	107
Public	Uniformed Services Univ. of the HS	0	2	308,326	48	218,702	37		
Public	Medical University of South Carolina	0	1	282,253	50	142,639	54	375,593	94
Public	University of Nebraska Medical Center	0	1	177,245	76	93,463	69	235,757	124

## The Top American Research Universities

Support		Faculty				Advanced Training			
2019 Annual Giving x \$1000	2019 National Rank	2019 National Academy Members	2019 National Rank	2019 Faculty Awards	2019 National Rank	2019 Doctorates Granted	2019 National Rank	2018 Post Docs	2018 National Rank
622,751	10	140	6	24	24	131	145	1,111	12
168,366	51	25	49	10	75	32	327	676	21
101,644	90	51	25	5	119	30	335	261	69
137,227	64	14	66	5	119			611	29
44,086	166	23	54	3	160	129	148	506	36
		30	42	7	97			565	31
147,421	60	35	34	7	97	99	180	585	30
136,236	66	13	69	6	108	38	309	286	64
75,234	115	22	56	7	97	77	212	474	40

Support		Faculty				Advanced Training			
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank
168,366	25	25	23	10	27	32	136	676	10
44,086	68	23	25	3	53	129	47	506	19
		30	21	7	32			565	16
101,644	34	51	16	5	37	30	142	261	25
75,234	45	22	26	7	32	77	76	474	21
93,490	38	4	47	4	42	31	140	136	39
		6	39	3	53			168	35
42,907	69	2	57	1	106	33	134	132	41
11,352	207	3	51	0	200	17	188	97	45
		3	51	0	200			90	49

Support		Faculty				Advanced Training			
2019 Annual Giving x \$1000	2019 Control Rank	2019 National Academy Members	2019 Control Rank	2019 Faculty Awards	2019 Control Rank	2019 Doctorates Granted	2019 Control Rank	2018 Post Docs	2018 Control Rank
622,751	3	140	2	24	14	131	100	1,111	5
147,421	32	35	16	7	66	99	119	585	15
137,227	36	14	35	5	83			611	14
136,236	38	13	38	6	75	38	183	286	40
75,305	70	9	47	3	108	73	141	332	31
35,709	111	9	47	9	55	52	162	287	39
		3	74	0	291			44	114
43,318	99	4	70	2	132	150	92	152	64
117,117	47	1	97	1	175	74	139	136	69



## Part II – The Center for Measuring University Performance – *Research Universities*

*The Center for Measuring University Performance's* research universities consist of academic institutions that had more than \$40 million in federal research expenditures in fiscal year 2018. 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. *The Center for Measuring University Performance* 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, which correspond to the same data years used in each of the five prior *The Top American Research Universities* reports. In addition to the nine performance variables presented in Part I tables, these tables also include other institutional characteristics related to student enrollment, medical schools, land grant status, ownership, research focus, and National Merit 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** (2014-2018)
- **Federal Research Expenditures** (2014-2018)
- **Research by Major Discipline** (2018)
- **Endowment Assets** (2015-2019)
- **Annual Giving** (2015-2019)
- **National Academy Membership** (2015-2019)
- **Faculty Awards** (2015-2019)
- **Doctorates Awarded** (2015-2019)
- **Postdoctoral Appointees** (2014-2018)
- **SAT Scores** (2014-2018)
- **National Merit Scholars** (2015-2019)
- **Change: Research** presents trend data on total, federal, and non-federal research (2009 and 2018) in constant dollars.
- **Change: Private Support and Doctorates** provides trend data on endowment assets (2010 and 2019) and annual giving (2010 and 2019) in constant dollars, and doctorates awarded (2010 and 2019).
- **Change: Students** includes trend data on median SAT scores (2009 and 2018), National Merit and Achievement Scholars (2010 and 2019), and student headcount enrollment (2009 and 2018).
- **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 and graduate), part-time enrollment by level, and degrees awarded.
- **The Center for Measuring University Performance** 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 years (i.e., 2015-2019 reports).

Data found in these tables may not always match the figures published by the original source. *The Center for Measuring University Performance* 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, *The Center for Measuring University Performance* may substitute another figure, if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

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

*The Center for Measuring University Performance's* website [<https://mup.umass.edu>] provides these same tables in Microsoft Excel spreadsheets for ease of analysis. In addition to the over-\$40-million group, the online tables contain data on all institutions reporting any federal research in the past five years.

## The Top American Research Universities

Total Research							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2018 National Rank	2018 Control Rank	2017 Total Research x \$1000	2017 National Rank	2017 Control Rank
Public	Arizona State University	559,391	41	24	484,315	47	30
Public	Auburn University	184,650	110	72	167,352	117	79
Public	Augusta University	99,043	155	110	99,637	149	105
Private	Baylor College of Medicine	623,396	37	17	604,952	35	15
Private	Boston University	435,864	56	18	398,754	58	20
Private	Brown University	233,689	95	32	201,253	100	34
Private	California Institute of Technology	363,007	67	24	380,711	60	21
Private	Carnegie Mellon University	318,218	74	28	313,145	73	28
Private	Case Western Reserve University	430,379	57	19	406,196	56	19
Public	Clemson University	160,361	122	83	144,728	128	88
Public	Cleveland State University	77,203	169	121	77,518	165	118
Private	Cold Spring Harbor Laboratory	115,870	145	45	97,288	153	45
Public	Colorado State Univ. - Fort Collins	356,951	68	44	328,221	70	44
Private	Columbia University	908,771	17	7	848,733	19	8
Private	Cornell University	630,255	36	16	591,701	38	16
Private	Dartmouth College	287,951	79	30	277,638	81	30
Private	Drexel University	148,107	129	43	132,507	135	43
Private	Duke University	1,153,947	8	3	1,113,921	7	3
Private	Emory University	693,172	31	14	646,146	32	14
Public	Florida International University	165,748	119	80	146,431	126	86
Public	Florida State University	260,486	86	56	247,319	88	58
Public	George Mason University	125,416	141	97	98,488	152	108
Private	George Washington University	242,029	92	31	226,005	94	31
Private	Georgetown University	192,160	107	36	187,948	104	36
Public	Georgia Institute of Technology	859,009	20	12	785,603	22	13
Public	Georgia State University	133,302	138	94	133,242	134	92
Private	Harvard University	1,066,612	12	5	1,032,590	12	5
Private	Icahn School of Med. at Mount Sinai	640,141	35	15	575,448	39	17
Public	Indiana University - Bloomington	534,811	43	26	507,553	44	27
Public	Iowa State University	343,890	72	45	310,100	75	47
Private	Johns Hopkins University	2,656,152	1	1	2,556,641	1	1
Public	Kansas State University	201,866	102	68	183,513	108	71
Public	Louisiana State Univ. - Baton Rouge	278,075	81	51	258,402	86	56
Private	Massachusetts Inst. of Technology	893,508	18	8	878,964	17	7
Private	Medical College of Wisconsin	229,436	97	33	209,618	99	33
Public	Medical University of South Carolina	282,253	80	50	262,267	84	54
Public	Michigan State University	673,959	32	18	653,611	31	18
Public	Mississippi State University	235,581	94	63	233,024	93	63
Public	Montana State University - Bozeman	114,496	146	101	118,221	142	98
Public	Naval Postgraduate School	52,551	192	141	52,404	189	139
Public	New Jersey Institute of Technology	124,565	142	98	101,334	147	103
Public	New Mexico State Univ. - Las Cruces	92,231	161	115	103,693	146	102
Private	New York University	801,961	24	10	822,329	20	9
Public	North Carolina State University	497,851	49	32	488,974	46	29
Private	Northeastern University	156,546	125	41	134,827	132	42
Private	Northwestern University	776,458	27	12	724,060	29	12
Public	Ohio State University - Columbus	818,428	23	14	804,699	21	12
Public	Oklahoma State Univ. - Stillwater	154,418	126	85	152,605	122	82
Public	Oregon Health & Science University	372,148	65	43	346,710	68	42



## The Top American Research Universities

2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank	2014 Total Research x \$1000	2014 National Rank	2014 Control Rank
441,411	49	32	403,708	51	34	380,581	55	36
149,411	122	82	132,970	124	84	140,110	122	83
71,338	164	117	67,736	165	117	64,116	172	124
572,527	37	16	520,220	36	15	496,314	38	15
379,117	55	20	372,267	58	21	353,850	60	22
235,373	89	30	286,332	78	28	291,917	76	28
356,204	62	23	350,833	61	22	358,137	59	21
304,383	76	28	241,829	86	30	250,497	82	30
403,827	52	18	400,167	55	19	417,436	49	18
133,342	129	89	120,858	134	93	116,871	136	94
70,665	165	118	56,683	176	128	61,291	174	126
88,943	154	46	84,653	152	46	76,733	162	47
323,068	70	43	308,785	73	47	300,572	73	47
793,710	19	8	826,010	18	7	844,766	13	5
588,513	34	15	637,404	28	11	580,936	32	13
224,497	94	31	203,660	98	33	204,360	97	33
120,789	136	43	122,366	132	41	124,464	132	41
1,044,046	8	3	1,029,193	6	2	1,031,404	6	2
597,971	32	14	574,472	34	14	551,556	34	14
133,831	128	88	124,631	131	91	107,487	140	97
243,327	86	57	237,427	87	57	231,390	88	58
92,649	150	105	89,845	148	103	85,493	152	108
214,984	96	32	226,132	90	31	213,334	93	32
162,734	116	38	157,308	116	38	162,983	112	36
780,118	20	12	757,116	20	12	720,248	21	13
103,731	144	100	79,813	155	109	80,955	158	113
1,011,950	11	5	955,246	9	4	875,964	11	4
540,296	39	17	508,353	40	16	463,429	43	17
471,055	45	28	451,508	46	29	172,380	107	72
316,822	72	45	295,635	76	49	297,293	74	48
2,425,199	1	1	2,299,057	1	1	2,227,536	1	1
181,933	105	71	180,082	103	69	178,304	102	68
282,574	79	50	274,001	79	51	282,462	79	50
880,111	14	6	858,917	12	5	815,008	15	6
199,925	100	34	199,283	99	34	199,713	99	34
260,098	81	52	243,534	83	54	242,594	83	53
573,204	36	21	519,994	37	22	492,501	39	24
229,939	91	61	216,817	93	62	200,251	98	65
102,179	145	101	98,467	142	98	104,646	144	100
54,558	181	133	74,293	161	114	91,400	149	105
95,235	148	104	96,386	143	99	94,371	147	103
108,935	140	96	127,000	128	88	129,124	128	88
751,393	21	9	505,071	41	17	490,614	40	16
479,039	44	27	462,347	45	28	440,392	44	27
121,574	135	42	115,664	137	43	111,779	137	43
684,767	28	11	627,320	29	12	621,504	30	12
751,293	22	13	745,238	22	14	752,836	19	11
150,167	121	81	126,607	129	89	126,543	130	90
329,414	68	41	325,268	68	44	313,112	71	46

## The Top American Research Universities

Total Research							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2018 National Rank	2018 Control Rank	2017 Total Research x \$1000	2017 National Rank	2017 Control Rank
Public	Oregon State University	266,684	85	55	260,893	85	55
Public	Penn. St. Univ. - Hershey Med. Ctr.	101,701	152	107	100,851	148	104
Public	Pennsylvania State Univ. - Univ. Park	783,960	26	15	725,832	26	16
Private	Princeton University	351,594	71	27	325,150	71	27
Public	Purdue University - West Lafayette	535,826	42	25	533,598	41	24
Private	Rensselaer Polytechnic Institute	94,221	158	46	96,533	154	46
Private	Rice University	157,352	124	40	163,312	120	40
Private	Rockefeller University	353,142	70	26	348,845	67	26
Private	Rush University	89,101	162	47	74,062	167	48
Public	Rutgers University - New Brunswick	666,368	34	20	633,789	33	19
Private	Scripps Research Institute	396,839	61	22	354,582	64	24
Private	Stanford University	1,106,314	10	4	1,055,418	10	4
Public	St. Univ. of NY - Polytechnic Institute	257,316	88	58	308,843	76	48
Public	Stony Brook University	240,949	93	62	235,430	92	62
Public	Temple University	253,548	89	59	249,156	87	57
Public	Texas A&M Univ. - College Station	882,191	19	11	869,100	18	11
Private	Thomas Jefferson University	148,573	128	42	142,569	129	41
Private	Tufts University	197,478	105	35	216,895	97	32
Private	Tulane University	179,813	112	39	167,338	118	39
Public	Uniformed Services Univ. of the HS	308,326	76	48	298,370	77	49
Public	University at Albany	151,303	127	86	140,392	130	89
Public	University at Buffalo	393,241	62	40	386,386	59	39
Public	University of Alabama - Birmingham	575,060	40	23	553,651	40	23
Public	University of Alabama - Huntsville	94,519	157	112	89,392	157	111
Public	University of Alaska - Fairbanks	138,989	136	92	150,064	123	83
Public	University of Arizona	672,038	33	19	609,965	34	20
Public	University of Arkansas - Fayetteville	146,029	130	87	135,925	131	90
Public	Univ. of Arkansas for Med. Sciences	139,187	135	91	128,508	136	93
Public	University of California - Berkeley	747,690	29	17	724,817	28	17
Public	University of California - Davis	774,775	28	16	726,469	25	15
Public	University of California - Irvine	399,295	60	39	339,309	69	43
Public	University of California - Los Angeles	1,242,619	7	5	1,037,780	11	7
Public	University of California - Riverside	162,054	121	82	159,305	121	81
Public	University of California - San Diego	1,256,171	6	4	1,126,269	6	4
Public	Univ. of California - San Francisco	1,595,732	2	1	1,409,398	3	2
Public	Univ. of California - Santa Barbara	223,349	98	65	225,767	95	64
Public	University of California - Santa Cruz	123,221	143	99	119,990	141	97
Public	University of Central Florida	176,094	116	77	168,630	116	78
Private	University of Chicago	412,791	58	20	419,996	54	18
Public	University of Cincinnati - Cincinnati	464,289	54	37	427,236	53	36
Public	University of Colorado - Boulder	488,883	51	34	474,496	48	31
Public	U. of Colorado - Denver/Anschutz Med.	517,749	48	31	472,859	49	32
Public	Univ. of Connecticut - Health Center	93,283	159	113	76,247	166	119
Public	University of Connecticut - Storrs	163,543	120	81	180,929	110	72
Private	University of Dayton	143,636	131	44	127,207	138	44
Public	University of Delaware	179,560	113	74	176,455	112	74
Public	University of Florida	831,362	22	13	766,469	23	14
Public	University of Georgia	390,773	63	41	403,575	57	38
Public	University of Hawaii - Manoa	272,971	84	54	288,294	79	50

## The Top American Research Universities

2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank	2014 Total Research x \$1000	2014 National Rank	2014 Control Rank
252,541	84	55	242,874	85	56	229,456	89	59
105,298	143	99	91,381	147	102	82,793	155	110
704,687	27	17	683,003	25	17	702,912	23	15
285,733	78	29	272,379	80	29	287,730	78	29
517,879	41	24	498,887	43	26	502,457	37	23
93,907	149	45	102,122	141	44	104,844	143	44
151,855	119	40	141,935	120	39	136,419	124	40
335,136	67	27	323,932	69	25	316,368	69	25
73,351	162	47	79,048	156	47	80,551	159	46
610,648	31	18	607,257	32	19	627,076	29	18
364,670	60	22	384,161	56	20	386,231	54	19
1,012,351	10	4	969,643	8	3	912,244	10	3
316,680	73	46	295,313	77	50	412,851	50	32
227,942	92	62	219,485	92	61	210,301	95	63
232,379	90	60	210,371	96	64	206,556	96	64
859,952	17	10	836,250	15	10	735,273	20	12
122,396	134	41	119,631	136	42	118,378	135	42
181,011	106	35	162,510	113	37	156,411	115	38
153,298	117	39	140,118	121	40	148,784	117	39
256,203	82	53	361,173	60	39	262,489	80	51
105,605	142	98	110,284	139	96	129,434	127	87
373,308	57	37	367,133	59	38	370,083	57	37
531,492	40	23	509,586	38	23	421,475	48	31
91,549	151	106	84,745	151	106	85,994	151	107
141,976	126	86	139,605	122	82	152,352	116	78
592,412	33	19	592,874	33	20	575,864	33	20
132,648	131	91	120,679	135	94	111,703	138	95
125,378	133	93	132,451	125	85	131,438	125	85
734,486	24	15	748,139	21	13	708,485	22	14
726,070	26	16	706,087	23	15	699,689	24	16
325,582	69	42	313,798	70	45	322,315	65	41
1,002,013	12	7	992,009	7	5	920,183	9	7
147,268	123	83	136,493	123	83	128,506	129	89
1,079,429	6	4	1,093,784	5	4	1,060,207	5	4
1,294,261	3	2	1,126,620	3	2	1,084,031	4	3
219,907	95	64	213,537	95	63	225,614	90	60
146,237	124	84	147,518	118	80	147,536	119	80
187,569	103	69	169,770	111	75	143,063	120	81
402,491	53	19	402,777	53	18	378,322	56	20
401,701	54	35	408,412	50	33	399,571	52	34
433,850	50	33	403,654	52	35	362,882	58	38
432,693	51	34	400,515	54	36	401,230	51	33
78,897	157	111	80,891	154	108	105,047	142	99
179,061	108	73	170,730	109	73	142,332	121	82
111,363	138	44	93,319	145	45	83,409	154	45
169,384	112	75	167,904	112	76	169,641	109	74
741,945	23	14	699,750	24	16	652,341	26	17
360,520	61	39	330,273	65	42	313,445	70	45
300,864	77	49	313,046	71	46	319,818	67	43

## The Top American Research Universities

Total Research							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2018 National Rank	2018 Control Rank	2017 Total Research x \$1000	2017 National Rank	2017 Control Rank
Public	University of Houston - Univ. Park	158,543	123	84	149,795	124	84
Public	University of Idaho	105,578	149	104	105,475	144	100
Public	University of Illinois - Chicago	343,254	73	46	352,200	65	41
Public	Univ. of Illinois - Urbana-Champaign	609,984	39	22	602,641	36	21
Public	University of Iowa	484,253	52	35	466,462	50	33
Public	University of Kansas - Lawrence	177,249	114	75	164,772	119	80
Public	University of Kansas Medical Center	92,245	160	114	86,368	159	113
Public	University of Kentucky	382,973	64	42	367,934	62	40
Public	University of Louisville	168,433	118	79	168,906	115	77
Public	University of Maine - Orono	105,810	148	103	98,748	151	107
Public	University of Maryland - Baltimore	450,619	55	38	406,979	55	37
Public	Univ. of Maryland - Baltimore County	70,358	171	123	69,926	171	123
Public	University of Maryland - College Park	529,200	45	28	532,982	42	25
Public	Univ. of Massachusetts - Amherst	193,495	106	71	194,030	102	67
Public	Univ. of Mass. Med. Sch. - Worcester	274,211	83	53	279,884	80	51
Private	University of Miami	355,132	69	25	365,310	63	23
Public	University of Michigan - Ann Arbor	1,493,353	3	2	1,434,535	2	1
Public	University of Minnesota - Twin Cities	915,798	16	10	881,286	16	10
Public	University of Missouri - Columbia	245,600	90	60	242,967	90	60
Public	University of Montana - Missoula	86,096	164	117	84,109	160	114
Public	University of Nebraska - Lincoln	275,161	82	52	270,749	82	52
Public	Univ. of Nebraska Medical Center	177,245	115	76	171,491	114	76
Public	University of Nevada - Reno	127,049	140	96	99,156	150	106
Public	Univ. of New Hampshire - Durham	133,378	137	93	133,592	133	91
Public	Univ. of New Mexico - Albuquerque	245,400	91	61	236,623	91	61
Public	Univ. of North Carolina - Chapel Hill	1,094,063	11	7	1,061,535	9	6
Public	University of North Dakota	100,061	154	109	91,958	156	110
Private	University of Notre Dame	190,469	109	38	184,061	107	37
Public	University of Oklahoma - HSC	119,487	144	100	122,373	139	95
Public	University of Oklahoma - Norman	143,376	132	88	128,254	137	94
Public	University of Oregon	83,132	165	118	72,517	169	121
Private	University of Pennsylvania	1,304,291	5	2	1,247,686	5	2
Public	University of Pittsburgh - Pittsburgh	995,762	13	8	930,198	14	8
Public	University of Rhode Island	98,271	156	111	95,197	155	109
Private	University of Rochester	369,072	66	23	351,924	66	25
Public	Univ. of South Carolina - Columbia	199,483	104	70	180,127	111	73
Public	University of South Florida - Tampa	524,744	46	29	502,216	45	28
Private	University of Southern California	854,673	21	9	725,528	27	11
Public	University of Tennessee - Knoxville	303,951	77	49	269,548	83	53
Public	University of Texas - Austin	617,567	38	21	598,597	37	22
Public	University of Texas - El Paso	80,824	166	119	83,892	161	115
Public	Univ. of Texas HSCenter - Houston	258,411	87	57	246,060	89	59
Public	Univ. of Texas HSC - San Antonio	201,630	103	69	192,557	103	68
Public	U. of Texas MD Anderson Cancer Ctr.	929,710	15	9	888,029	15	9
Public	U. of Texas Med. Branch - Galveston	181,831	111	73	185,106	105	69
Public	Univ. of Texas SW Med. Ctr. - Dallas	474,260	53	36	461,797	51	34
Public	University of Utah	534,208	44	27	318,956	72	45
Public	University of Vermont	129,798	139	95	117,433	143	99
Public	University of Virginia	490,902	50	33	431,793	52	35

## The Top American Research Universities

2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank	2014 Total Research x \$1000	2014 National Rank	2014 Control Rank
142,081	125	85	125,973	130	90	122,163	133	92
99,354	146	102	95,459	144	100	92,512	148	104
314,365	74	47	344,619	63	40	339,644	63	39
587,264	35	20	614,011	31	18	598,531	31	19
447,718	47	30	423,528	48	31	436,852	45	28
164,291	115	78	172,406	106	72	169,884	108	73
77,365	159	113	85,360	150	105	81,302	156	111
340,295	65	40	325,558	67	43	322,313	66	42
164,371	114	77	160,199	115	78	163,199	111	76
78,576	158	112	78,608	157	110	100,493	145	101
375,130	56	36	379,465	57	37	390,682	53	35
69,404	167	120	67,944	164	116	64,329	170	122
517,173	42	25	503,368	42	25	472,235	42	26
193,863	102	68	197,183	100	66	183,210	100	66
253,099	83	54	250,338	82	53	241,869	84	54
355,690	63	24	328,082	66	24	342,852	62	24
1,357,228	2	1	1,300,340	2	1	1,279,603	2	1
872,514	15	9	844,016	14	9	850,880	12	8
238,605	87	58	243,430	84	55	233,613	87	57
69,994	166	119	60,282	170	122	54,808	180	132
264,485	80	51	260,152	81	52	254,879	81	52
150,694	120	80	145,009	119	81	139,126	123	84
90,673	152	107	83,385	153	107	81,028	157	112
136,006	127	87	130,700	126	86	130,951	126	86
227,591	93	63	224,321	91	60	221,817	91	61
1,013,128	9	6	939,252	10	6	955,601	8	6
69,145	168	121	63,590	169	121	67,199	166	119
175,187	110	36	171,148	108	36	160,461	113	37
109,493	139	95	105,355	140	97	106,782	141	98
130,746	132	92	122,213	133	92	120,322	134	93
68,631	170	123	65,226	168	120	77,655	160	114
1,140,833	5	2	828,649	17	6	792,314	17	7
880,508	13	8	852,333	13	8	835,838	14	9
90,562	153	108	86,139	149	104	84,393	153	109
344,489	64	25	344,921	62	23	347,161	61	23
183,478	104	70	181,742	102	68	181,363	101	67
447,812	46	29	420,002	49	32	436,578	46	29
662,029	29	12	650,457	27	10	650,506	27	10
246,376	85	56	233,650	89	59	237,642	85	55
565,708	38	22	551,654	35	21	526,173	35	21
80,981	156	110	77,515	158	111	70,475	164	117
237,016	88	59	234,299	88	58	233,737	86	56
194,885	101	67	170,277	110	74	172,716	106	71
852,095	18	11	833,406	16	11	794,980	16	10
179,541	107	72	173,506	105	71	178,014	103	69
442,666	48	31	438,824	47	30	434,627	47	30
322,670	71	44	509,409	39	24	476,017	41	25
115,606	137	94	114,090	138	95	109,343	139	96
367,926	58	38	339,813	64	41	337,732	64	40

Total Research		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Total Research x \$1000	National Rank	Control Rank	Total Research x \$1000	National Rank	Control Rank
Public	University of Washington - Seattle	1,342,509	4	3	1,270,642	4	3
Public	University of Wisconsin - Madison	1,113,968	9	6	1,105,261	8	5
Public	University of Wyoming	112,857	147	102	121,927	140	96
Public	Utah State University	215,994	100	67	184,746	106	70
Private	Vanderbilt University	702,128	30	13	681,286	30	13
Public	Virginia Commonwealth University	222,757	99	66	210,827	98	66
Public	Virginia Polytechnic Inst. and St. U.	520,575	47	30	511,340	43	26
Private	Wake Forest University	190,991	108	37	181,876	109	38
Public	Washington State Univ. - Pullman	314,688	75	47	310,607	74	46
Private	Washington University in St. Louis	797,267	25	11	740,005	24	10
Public	Wayne State University	230,231	96	64	220,199	96	65
Private	Weill Cornell Medical College	403,485	59	21	371,465	61	22
Public	West Virginia University	176,082	117	78	175,403	113	75
Private	Woods Hole Oceanographic Inst.	204,400	101	34	194,088	101	35
Public	Wright State University - Dayton	67,615	173	125	59,263	179	130
Private	Yale University	972,856	14	6	930,569	13	6
Private	Yeshiva University	300,630	78	29	292,943	78	29

## The Top American Research Universities

2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank	2014 Total Research x \$1000	2014 National Rank	2014 Control Rank
1,197,773	4	3	1,101,078	4	3	1,091,135	3	2
1,051,311	7	5	938,366	11	7	984,830	7	5
108,552	141	97	54,928	179	131	48,736	192	143
178,830	109	74	173,848	104	70	167,256	110	75
612,351	30	13	619,866	30	13	659,418	25	9
202,150	99	66	196,412	101	67	177,540	104	70
512,333	43	26	495,502	44	27	502,486	36	22
169,533	111	37	171,538	107	35	176,380	105	35
307,431	75	48	306,989	74	48	287,942	77	49
726,622	25	10	680,150	26	9	646,756	28	11
214,306	97	65	207,830	97	65	213,253	94	62
367,671	59	21	309,015	72	26	293,791	75	27
164,501	113	76	160,560	114	77	156,946	114	77
212,374	98	33	216,592	94	32	220,016	92	31
55,241	180	132	53,881	181	133	54,456	181	133
865,970	16	7	792,953	19	8	764,002	18	8
335,790	66	26	306,174	75	27	306,826	72	26

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Federal Research x \$1000	2018 National Rank	2018 Control Rank	2017 Federal Research x \$1000	2017 National Rank	2017 Control Rank
Public	Arizona State University	244,795	56	33	214,845	58	35
Public	Auburn University	57,718	141	95	54,693	142	98
Public	Augusta University	48,800	153	107	48,921	151	105
Private	Baylor College of Medicine	300,098	42	17	292,806	42	18
Private	Boston University	264,281	50	23	253,828	47	22
Private	Brown University	161,384	79	30	141,864	84	32
Private	California Institute of Technology	268,765	47	21	272,323	44	20
Private	Carnegie Mellon University	181,958	70	26	189,974	65	25
Private	Case Western Reserve University	346,935	33	16	325,354	36	16
Public	Clemson University	66,618	133	89	62,920	133	90
Public	Cleveland State University	54,987	146	100	52,317	146	101
Private	Cold Spring Harbor Laboratory	67,139	132	44	54,260	143	45
Public	Colorado State Univ. - Fort Collins	257,355	52	29	232,405	54	31
Private	Columbia University	673,792	6	3	632,994	8	4
Private	Cornell University	297,855	43	18	279,525	43	19
Private	Dartmouth College	139,692	88	33	136,977	87	34
Private	Drexel University	80,074	123	42	69,326	127	43
Private	Duke University	644,179	10	5	622,174	9	5
Private	Emory University	392,971	27	15	381,151	25	13
Public	Florida International University	80,417	122	81	66,351	130	87
Public	Florida State University	129,435	92	58	118,359	94	60
Public	George Mason University	64,315	135	90	52,432	145	100
Private	George Washington University	153,412	82	32	144,567	81	31
Private	Georgetown University	88,778	110	40	93,224	107	38
Public	Georgia Institute of Technology	646,317	9	5	578,107	12	7
Public	Georgia State University	55,241	145	99	54,842	141	97
Private	Harvard University	578,722	13	6	565,269	13	6
Private	Icahn School of Med. at Mount Sinai	398,656	25	13	367,522	28	15
Public	Indiana University - Bloomington	245,402	55	32	241,350	50	27
Public	Iowa State University	145,241	83	51	125,607	91	57
Private	Johns Hopkins University	2,246,705	1	1	2,173,734	1	1
Public	Kansas State University	77,730	125	83	72,321	123	81
Public	Louisiana State Univ. - Baton Rouge	83,453	121	80	80,044	120	78
Private	Massachusetts Inst. of Technology	476,576	20	10	484,597	16	8
Private	Medical College of Wisconsin	111,273	97	36	108,276	98	36
Public	Medical University of South Carolina	142,639	86	54	134,072	88	54
Public	Michigan State University	315,674	40	24	329,533	34	19
Public	Mississippi State University	88,365	112	72	87,435	111	71
Public	Montana State University - Bozeman	67,705	131	88	66,449	129	86
Public	Naval Postgraduate School	41,151	163	116	42,246	158	110
Public	New Jersey Institute of Technology	78,313	124	82	64,840	132	89
Public	New Mexico State Univ. - Las Cruces	53,417	148	102	59,087	136	92
Private	New York University	395,445	26	14	369,947	27	14
Public	North Carolina State University	214,440	61	38	213,544	60	37
Private	Northeastern University	109,443	99	37	90,190	108	39
Private	Northwestern University	464,689	21	11	438,732	22	11
Public	Ohio State University - Columbus	439,594	24	12	427,154	24	12
Public	Oklahoma State Univ. - Stillwater	40,052	164	117	42,331	157	109
Public	Oregon Health & Science University	264,492	49	27	243,495	49	26



## The Top American Research Universities

2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank	2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank
200,280	59	35	186,890	65	40	186,126	65	39
54,258	141	97	47,939	149	102	49,739	149	103
50,294	149	103	50,585	144	98	47,771	151	105
267,849	43	19	256,895	48	22	264,641	47	22
250,523	47	22	256,562	49	23	254,285	48	23
131,751	84	33	127,886	83	33	125,005	84	33
260,489	45	21	269,156	44	20	276,447	42	19
190,620	64	26	187,259	64	25	198,247	61	25
320,402	35	16	307,960	36	16	328,548	29	14
52,184	142	98	45,292	153	105	44,673	155	108
49,659	151	105	41,721	157	109	44,139	156	109
50,478	147	45	49,063	148	47	41,845	158	48
227,624	52	29	213,685	54	31	206,958	56	33
585,578	9	4	577,833	7	4	591,523	8	4
280,461	42	18	277,163	41	18	299,320	36	17
138,641	81	32	145,807	79	31	145,080	76	30
65,193	131	43	67,226	127	43	75,557	122	41
574,738	11	5	558,566	9	5	556,847	10	5
360,197	26	13	346,534	25	13	329,254	27	13
68,539	129	87	67,293	126	84	68,946	126	84
118,294	94	60	133,569	82	50	140,995	79	49
50,687	144	100	54,113	140	95	53,775	143	98
138,735	80	31	135,667	81	32	139,148	82	32
82,819	115	39	87,268	105	36	99,567	103	36
567,100	12	7	548,063	11	6	510,422	14	8
40,897	161	113	36,843	164	115	29,470	182	131
549,539	13	6	530,382	13	6	554,944	11	6
342,104	29	14	329,641	31	14	300,667	35	16
216,917	55	31	206,263	57	34	80,109	117	79
124,242	89	55	113,443	95	61	115,285	91	58
2,100,097	1	1	1,988,993	1	1	1,936,953	1	1
67,863	130	88	66,632	128	85	64,565	129	87
84,954	113	75	82,276	113	75	93,584	105	68
501,702	15	7	486,650	15	7	480,991	16	7
108,529	97	35	109,542	96	35	111,241	98	35
124,212	90	56	117,255	91	57	118,649	90	57
294,369	38	22	256,228	50	27	247,970	49	26
86,570	111	74	79,181	116	77	70,615	125	83
61,490	135	92	62,827	132	89	66,770	128	86
50,560	146	102	71,987	123	81	89,284	109	72
63,322	132	89	50,554	145	99	51,853	146	100
61,494	134	91	78,253	120	80	80,247	116	78
332,483	33	15	326,691	32	15	314,712	31	15
197,261	61	37	196,058	60	37	177,722	70	44
78,668	120	42	78,379	119	40	77,401	120	40
424,638	21	10	385,868	24	12	385,888	24	12
418,887	22	12	406,941	22	12	416,177	21	12
41,186	160	112	38,498	160	112	36,687	163	115
230,608	50	27	243,876	52	29	246,050	50	27

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Federal Research x \$1000	2018 National Rank	2018 Control Rank	2017 Federal Research x \$1000	2017 National Rank	2017 Control Rank
Public	Oregon State University	166,354	77	49	157,708	76	49
Public	Penn. St. Univ. - Hershey Med. Ctr.	55,539	144	98	51,070	150	104
Public	Pennsylvania State Univ. - Univ. Park	501,784	17	10	477,111	18	10
Private	Princeton University	179,659	71	27	175,485	72	27
Public	Purdue University - West Lafayette	230,208	59	36	224,965	55	32
Private	Rensselaer Polytechnic Institute	46,385	156	47	47,749	153	47
Private	Rice University	77,607	126	43	83,894	117	42
Private	Rockefeller University	87,231	116	41	86,763	112	41
Private	Rush University	64,178	136	46	51,532	148	46
Public	Rutgers University - New Brunswick	330,823	36	20	316,118	37	21
Private	Scripps Research Institute	267,088	48	22	250,090	48	23
Private	Stanford University	685,871	4	2	684,928	4	2
Public	St. Univ. of NY - Polytechnic Institute	41,753	162	115	41,247	161	113
Public	Stony Brook University	134,802	89	56	125,150	92	58
Public	Temple University	141,505	87	55	143,636	82	51
Public	Texas A&M Univ. - College Station	316,771	39	23	294,602	41	24
Private	Thomas Jefferson University	64,869	134	45	62,029	134	44
Private	Tufts University	128,404	93	35	138,004	85	33
Private	Tulane University	102,090	104	38	93,747	106	37
Public	Uniformed Services Univ. of the HS	218,702	60	37	204,241	61	38
Public	University at Albany	84,561	120	79	82,551	119	77
Public	University at Buffalo	183,124	69	44	184,313	68	42
Public	University of Alabama - Birmingham	370,401	30	15	356,303	31	16
Public	University of Alabama - Huntsville	74,315	129	86	68,259	128	85
Public	University of Alaska - Fairbanks	93,562	106	68	95,467	105	69
Public	University of Arizona	287,852	45	26	269,201	45	25
Public	University of Arkansas - Fayetteville	48,288	154	108	42,198	159	111
Public	Univ. of Arkansas for Med.Sciences	57,523	142	96	51,298	149	103
Public	University of California - Berkeley	324,521	38	22	326,548	35	20
Public	University of California - Davis	354,823	31	16	337,995	33	18
Public	University of California - Irvine	192,182	66	42	178,789	71	45
Public	University of California - Los Angeles	557,986	14	8	479,799	17	9
Public	University of California - Riverside	75,990	128	85	75,920	122	80
Public	University of California - San Diego	634,676	12	7	639,643	7	4
Public	Univ. of California - San Francisco	669,470	8	4	606,768	11	6
Public	Univ. of California - Santa Barbara	110,065	98	62	113,173	95	61
Public	University of California - Santa Cruz	62,218	137	91	65,133	131	88
Public	University of Central Florida	89,504	109	70	82,777	118	76
Private	University of Chicago	297,824	44	19	302,361	40	17
Public	University of Cincinnati - Cincinnati	246,400	53	30	239,659	51	28
Public	University of Colorado - Boulder	376,870	29	14	359,462	30	15
Public	U. of Colorado - Denver/Anschutz Med.	326,254	37	21	305,473	39	23
Public	Univ. of Connecticut - Health Center	50,436	151	105	42,093	160	112
Public	University of Connecticut - Storrs	88,586	111	71	99,884	104	68
Private	University of Dayton	130,488	91	34	112,584	97	35
Public	University of Delaware	113,582	96	61	113,031	96	62
Public	University of Florida	340,725	34	18	314,187	38	22
Public	University of Georgia	144,926	84	52	153,279	78	50
Public	University of Hawaii - Manoa	166,398	76	48	181,750	69	43

## The Top American Research Universities

2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank	2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank
156,437	74	46	150,625	77	48	143,815	77	47
69,425	127	85	59,933	135	92	54,404	142	97
463,244	18	10	447,956	19	11	461,896	18	10
161,562	73	28	157,867	75	29	163,805	72	28
214,373	56	32	209,005	56	33	227,857	53	30
48,887	153	47	59,417	136	44	58,940	136	44
82,643	116	40	73,817	122	42	73,782	124	42
80,667	117	41	81,949	114	39	81,820	114	38
50,332	148	46	52,193	142	46	53,501	144	46
318,123	36	20	320,311	35	20	355,116	25	13
242,489	48	23	274,097	42	19	292,268	37	18
668,578	4	2	645,633	4	2	608,342	4	2
21,380	209	150	14,641	233	170	21,208	209	154
118,296	93	59	115,031	93	59	111,386	97	63
134,132	83	51	119,945	89	55	118,892	89	56
281,015	41	24	291,714	38	22	266,877	45	25
58,866	136	44	58,536	137	45	54,676	141	45
124,363	88	34	120,181	88	34	115,046	92	34
89,028	108	37	84,143	109	37	94,287	104	37
175,007	70	44	299,007	37	21	213,389	55	32
74,092	122	80	78,824	118	79	104,861	99	64
180,095	68	42	174,146	70	44	185,144	66	40
346,190	28	15	325,008	33	18	276,112	44	24
68,882	128	86	66,564	130	87	73,913	123	82
87,829	110	73	78,985	117	78	83,483	113	76
259,443	46	25	265,878	46	26	286,595	38	20
39,527	162	114	33,486	170	121	26,014	192	140
48,999	152	106	50,603	143	97	55,556	139	95
338,562	31	17	342,042	26	13	309,305	33	18
334,534	32	18	322,919	34	19	327,697	30	16
170,674	71	45	170,622	72	45	180,431	69	43
479,718	17	9	482,771	16	9	458,157	19	11
69,924	125	83	62,642	133	90	56,327	137	93
602,336	8	5	601,184	5	3	597,270	7	4
602,705	7	4	535,457	12	7	544,697	12	6
114,884	95	61	114,596	94	60	119,816	87	54
93,651	104	68	91,249	104	69	89,206	110	73
80,365	118	77	81,788	115	76	64,323	130	88
293,557	39	17	290,776	39	17	276,237	43	20
229,761	51	28	250,457	51	28	243,705	51	28
360,827	25	13	341,828	27	14	302,877	34	19
289,757	40	23	266,147	45	25	277,209	41	23
44,029	156	108	43,512	155	107	59,277	135	92
99,926	101	66	91,837	103	68	80,317	115	77
97,635	102	36	74,548	121	41	63,881	131	43
108,378	98	63	109,258	97	62	111,933	96	62
297,267	37	21	281,317	40	23	279,920	40	22
138,374	82	50	127,825	84	51	122,145	85	52
189,683	65	39	199,818	58	35	202,574	59	35

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Federal Research x \$1000	2018 National Rank	2018 Control Rank	2017 Federal Research x \$1000	2017 National Rank	2017 Control Rank
Public	University of Houston - Univ. Park	62,134	138	92	57,263	137	93
Public	University of Idaho	47,475	155	109	48,879	152	106
Public	University of Illinois - Chicago	189,322	68	43	188,730	67	41
Public	Univ. of Illinois - Urbana-Champaign	339,732	35	19	344,657	32	17
Public	University of Iowa	243,216	57	34	236,679	52	29
Public	University of Kansas - Lawrence	85,397	119	78	85,807	113	72
Public	University of Kansas Medical Center	44,639	158	111	40,302	163	115
Public	University of Kentucky	168,968	73	46	168,347	73	46
Public	University of Louisville	77,281	127	84	69,722	126	84
Public	University of Maine - Orono	45,206	157	110	37,189	166	118
Public	University of Maryland - Baltimore	263,732	51	28	214,270	59	36
Public	Univ. of Maryland - Baltimore County	52,934	149	103	52,008	147	102
Public	Univ. of Maryland - College Park	351,952	32	17	361,269	29	14
Public	Univ. of Massachusetts - Amherst	103,555	103	66	101,992	102	66
Public	Univ. of Mass. Med. Sch. - Worcester	194,953	65	41	200,232	62	39
Private	University of Miami	191,408	67	25	193,549	64	24
Public	University of Michigan - Ann Arbor	841,158	3	2	822,436	3	2
Public	University of Minnesota - Twin Cities	455,294	23	11	448,814	20	11
Public	University of Missouri - Columbia	108,254	100	63	106,804	100	64
Public	University of Montana - Missoula	51,975	150	104	44,465	155	107
Public	University of Nebraska - Lincoln	102,078	105	67	99,956	103	67
Public	University of Nebraska Medical Ctr.	93,463	107	69	84,814	116	75
Public	University of Nevada - Reno	59,879	140	94	53,438	144	99
Public	Univ. of New Hampshire - Durham	87,854	115	75	85,714	114	73
Public	Univ. of New Mexico - Albuquerque	167,315	74	47	159,583	75	48
Public	Univ. of North Carolina - Chapel Hill	681,581	5	3	657,879	5	3
Public	University of North Dakota	48,858	152	106	40,845	162	114
Private	University of Notre Dame	92,144	108	39	90,038	109	40
Public	University of Oklahoma - HSC	54,481	147	101	56,162	140	96
Public	University of Oklahoma - Norman	87,989	114	74	70,348	124	82
Public	University of Oregon	56,403	143	97	57,092	138	94
Private	University of Pennsylvania	671,796	7	4	653,405	6	3
Public	University of Pittsburgh - Pittsburgh	643,129	11	6	612,754	10	5
Public	University of Rhode Island	61,135	139	93	59,623	135	91
Private	University of Rochester	283,973	46	20	267,040	46	21
Public	Univ. of South Carolina - Columbia	88,117	113	73	89,565	110	70
Public	University of South Florida - Tampa	245,414	54	31	234,871	53	30
Private	University of Southern California	488,081	19	9	436,515	23	12
Public	University of Tennessee - Knoxville	143,406	85	53	142,549	83	52
Public	University of Texas - Austin	386,954	28	13	377,389	26	13
Public	University of Texas - El Paso	43,214	160	113	43,759	156	108
Public	University of Texas HSC - Houston	128,232	94	59	124,461	93	59
Public	Univ. of Texas HSC - San Antonio	86,956	117	76	85,455	115	74
Public	U. of Texas MD Anderson Cancer Ctr.	173,206	72	45	166,552	74	47
Public	U. of Texas Med. Branch - Galveston	104,356	102	65	104,458	101	65
Public	Univ. of Texas SW Med. Ctr. - Dallas	197,910	62	39	200,085	63	40
Public	University of Utah	302,586	41	25	218,405	56	33
Public	University of Vermont	86,936	118	77	78,383	121	79
Public	University of Virginia	231,161	58	35	215,193	57	34

## The Top American Research Universities

2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank	2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank
58,085	138	94	54,516	139	94	55,574	138	94
50,083	150	104	49,591	147	101	49,423	150	104
175,302	69	43	192,930	61	38	201,646	60	36
320,703	34	19	330,479	30	17	336,172	26	14
236,363	49	26	223,730	53	30	234,122	52	29
79,916	119	78	85,862	107	71	88,725	111	74
37,633	165	117	42,512	156	108	42,461	157	110
152,708	77	49	145,097	80	49	140,450	80	50
69,781	126	84	66,100	131	88	63,258	132	89
34,125	170	122	35,033	167	118	50,338	148	102
200,698	58	34	211,773	55	32	220,700	54	31
50,645	145	101	47,591	150	103	46,993	152	106
354,788	27	14	332,079	28	15	328,828	28	15
97,576	103	67	97,206	101	66	102,682	101	66
181,446	67	41	183,588	68	43	183,582	68	42
194,346	62	25	192,691	62	24	202,818	58	24
780,080	3	2	728,712	3	2	733,779	3	2
462,570	19	11	468,482	18	10	483,542	15	9
105,125	99	64	102,852	99	64	102,784	100	65
38,726	163	115	33,617	168	119	30,164	179	129
93,532	105	69	94,763	102	67	93,190	106	69
76,221	121	79	71,918	124	82	76,195	121	81
51,630	143	99	49,977	146	100	50,904	147	101
89,457	107	71	83,106	111	74	89,640	107	70
153,100	76	48	151,619	76	47	151,082	75	46
624,131	6	3	577,574	8	4	601,933	6	3
42,253	157	109	37,457	163	114	40,191	160	112
85,870	112	38	82,615	112	38	79,192	119	39
56,107	139	95	53,398	141	96	55,133	140	96
72,153	123	81	69,520	125	83	53,223	145	99
55,137	140	96	56,448	138	93	62,824	133	90
638,336	5	3	597,791	6	3	606,115	5	3
575,281	10	6	554,658	10	5	565,409	9	5
58,438	137	93	61,085	134	91	61,836	134	91
265,430	44	20	261,023	47	21	265,686	46	21
88,231	109	72	84,723	108	72	87,844	112	75
210,823	57	33	196,215	59	36	205,155	57	34
396,197	23	11	408,105	21	10	421,887	20	9
125,528	85	52	116,928	92	58	122,120	86	53
340,181	30	16	331,388	29	16	313,955	32	17
41,384	159	111	40,334	158	110	34,528	166	118
121,098	92	58	125,890	85	52	136,145	83	51
89,742	106	70	85,940	106	70	89,303	108	71
155,044	75	47	161,171	74	46	158,986	73	45
100,464	100	65	98,050	100	65	101,761	102	67
185,263	66	40	183,787	67	42	185,137	67	41
224,270	53	30	270,311	43	24	284,125	39	21
83,124	114	76	83,733	110	73	79,727	118	80
198,760	60	36	186,676	66	41	192,907	63	38

Federal Research		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Federal Research x \$1000	National Rank	Control Rank	Federal Research x \$1000	National Rank	Control Rank
Public	University of Washington - Seattle	955,518	2	1	912,856	2	1
Public	University of Wisconsin - Madison	555,666	15	9	552,983	14	8
Public	University of Wyoming	42,538	161	114	56,178	139	95
Public	Utah State University	158,576	80	50	137,295	86	53
Private	Vanderbilt University	456,599	22	12	442,669	21	10
Public	Virginia Commonwealth University	122,771	95	60	127,341	90	56
Public	Virginia Polytechnic Inst. and St. U.	195,140	64	40	181,379	70	44
Private	Wake Forest University	154,031	81	31	147,746	80	30
Public	Washington State Unive. - Pullman	131,229	90	57	133,308	89	55
Private	Washington University in St. Louis	496,648	18	8	468,637	19	9
Public	Wayne State University	107,791	101	64	106,865	99	63
Private	Weill Cornell Medical College	166,613	75	28	155,830	77	28
Public	West Virginia University	73,518	130	87	70,256	125	83
Private	Woods Hole Oceanographic Inst.	163,003	78	29	148,491	79	29
Public	Wright State University - Dayton	43,359	159	112	35,514	168	120
Private	Yale University	549,026	16	7	531,995	15	7
Private	Yeshiva University	197,140	63	24	189,075	66	26

## The Top American Research Universities

2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank	2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank
893,050	2	1	851,573	2	1	849,713	2	1
548,247	14	8	506,910	14	8	522,251	13	7
63,223	133	90	47,232	151	104	39,778	162	114
124,981	86	53	119,811	90	56	114,075	93	59
395,505	24	12	390,701	23	11	408,743	23	11
124,962	87	54	123,665	86	53	119,507	88	55
190,975	63	38	191,080	63	39	198,092	62	37
140,651	79	30	148,084	78	30	153,069	74	29
122,275	91	57	121,627	87	54	112,568	95	61
436,229	20	9	424,723	20	9	410,115	22	10
109,460	96	62	108,221	98	63	112,608	94	60
147,479	78	29	168,103	73	28	139,514	81	31
70,313	124	82	66,608	129	86	67,450	127	85
166,010	72	27	172,995	71	27	177,616	71	27
30,093	175	126	26,814	189	137	27,523	187	135
494,504	16	8	471,381	17	8	475,585	17	8
218,787	54	24	180,791	69	26	186,885	64	26

## The Top American Research Universities

Research by Major Discipline		2018 Total Research by Major Discipline					
		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Institutions with Over \$40 Million in Federal Research, Alphabetically							
Public	Arizona State University	22.3%	4.4%	14.7%	25.4%	3.4%	1.2%
Public	Auburn University	55.0%	6.3%	1.2%	30.5%	1.4%	0.4%
Public	Augusta University	99.9%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Baylor College of Medicine	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Boston University	62.5%	6.9%	1.6%	19.0%	1.2%	1.1%
Private	Brown University	52.5%	8.9%	1.8%	12.0%	5.4%	5.2%
Private	California Institute of Technology	22.1%	52.0%	8.8%	12.5%	4.2%	0.4%
Private	Carnegie Mellon University	3.9%	6.3%	0.5%	31.2%	44.4%	2.9%
Private	Case Western Reserve University	86.3%	1.3%	0.2%	10.7%	0.0%	0.2%
Public	Clemson University	35.8%	7.7%	0.0%	45.8%	3.7%	2.9%
Public	Cleveland State University	67.7%	1.7%	0.0%	19.7%	0.0%	1.4%
Private	Cold Spring Harbor Laboratory	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Colorado State University - Fort Collins	45.1%	3.9%	32.7%	10.9%	1.2%	1.2%
Private	Columbia University	74.1%	3.5%	8.8%	8.0%	2.5%	0.6%
Private	Cornell University	53.0%	19.4%	1.0%	14.7%	4.6%	0.6%
Private	Dartmouth College	62.2%	6.6%	1.7%	11.1%	5.1%	2.0%
Private	Drexel University	64.9%	2.6%	0.0%	21.4%	4.5%	0.5%
Private	Duke University	84.2%	1.7%	1.0%	8.0%	0.5%	0.8%
Private	Emory University	93.8%	3.2%	0.2%	0.9%	0.2%	0.4%
Public	Florida International University	28.3%	11.3%	8.9%	19.0%	8.8%	0.7%
Public	Florida State University	20.9%	26.0%	7.9%	21.6%	4.5%	2.1%
Public	George Mason University	14.3%	3.8%	9.5%	12.6%	14.9%	1.3%
Private	George Washington University	71.8%	3.0%	0.3%	7.1%	2.7%	0.5%
Private	Georgetown University	74.4%	3.4%	0.3%	0.0%	2.0%	0.1%
Public	Georgia Institute of Technology	4.2%	4.4%	1.4%	71.4%	16.5%	0.9%
Public	Georgia State University	57.1%	12.9%	0.8%	0.0%	2.4%	1.5%
Private	Harvard University	61.6%	7.9%	4.0%	9.1%	1.4%	2.1%
Private	Icahn School of Medicine at Mount Sinai	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Indiana University - Bloomington	75.0%	4.9%	1.0%	1.5%	4.8%	0.4%
Public	Iowa State University	44.1%	12.3%	1.1%	28.9%	3.0%	5.1%
Private	Johns Hopkins University	37.3%	9.2%	1.3%	40.9%	6.1%	3.0%
Public	Kansas State University	66.5%	6.7%	1.3%	13.2%	1.7%	1.5%
Public	Louisiana State University - Baton Rouge	55.5%	8.7%	11.3%	16.0%	2.3%	0.8%
Private	Massachusetts Institute of Technology	15.5%	13.9%	4.7%	48.3%	9.6%	1.1%
Private	Medical College of Wisconsin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Medical University of South Carolina	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Michigan State University	50.5%	25.1%	0.6%	11.4%	2.2%	1.8%
Public	Mississippi State University	48.0%	4.3%	3.8%	20.5%	2.7%	0.6%
Public	Montana State University - Bozeman	57.2%	9.5%	4.5%	22.4%	1.0%	0.7%
Public	Naval Postgraduate School	2.5%	11.6%	13.8%	37.4%	14.7%	5.2%
Public	New Jersey Institute of Technology	22.1%	10.5%	0.0%	56.0%	7.9%	3.4%
Public	New Mexico State University - Las Cruces	39.4%	27.4%	5.3%	24.5%	2.3%	0.1%
Private	New York University	76.0%	3.0%	0.0%	10.7%	2.1%	1.3%
Public	North Carolina State University	46.4%	4.3%	4.0%	33.5%	2.3%	4.4%
Private	Northeastern University	19.9%	11.2%	2.7%	41.6%	12.3%	0.6%
Private	Northwestern University	71.5%	10.6%	0.2%	10.5%	0.3%	0.4%
Public	Ohio State University - Columbus	61.9%	4.9%	1.1%	22.4%	2.5%	0.9%
Public	Oklahoma State University - Stillwater	52.3%	5.5%	2.9%	24.0%	2.2%	3.2%
Public	Oregon Health & Science University	96.7%	0.0%	0.0%	3.2%	0.0%	0.0%



# The Top American Research Universities

			2018 Federal Research by Major Discipline								
Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
3.4%	14.3%	10.8%	26.2%	4.9%	21.4%	25.0%	4.5%	1.5%	4.6%	7.5%	4.5%
1.0%	3.2%	1.0%	43.0%	8.6%	2.5%	37.2%	1.0%	0.7%	0.8%	4.6%	1.6%
0.0%	0.0%	0.0%	99.9%	0.0%	0.0%	0.0%	0.1%	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%
4.8%	1.8%	1.0%	66.6%	7.3%	2.0%	16.2%	0.9%	1.2%	5.0%	0.4%	0.4%
2.0%	7.9%	4.3%	55.4%	8.0%	1.3%	12.9%	5.2%	5.7%	2.8%	4.9%	3.7%
0.0%	0.0%	0.0%	20.1%	57.9%	8.5%	8.4%	4.8%	0.3%	0.0%	0.0%	0.0%
2.9%	5.2%	2.6%	3.9%	5.3%	0.5%	29.5%	48.1%	1.9%	4.5%	3.7%	2.6%
0.4%	0.7%	0.0%	87.8%	1.3%	0.2%	9.6%	0.1%	0.2%	0.3%	0.5%	0.0%
0.5%	3.6%	0.0%	26.4%	9.1%	0.0%	50.7%	5.9%	2.6%	0.7%	4.6%	0.0%
1.2%	8.4%	0.0%	81.6%	0.5%	0.0%	16.3%	0.0%	0.8%	0.3%	0.4%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2%	2.7%	1.0%	39.5%	3.9%	39.1%	11.3%	1.5%	1.5%	1.3%	1.9%	0.0%
0.4%	2.1%	0.0%	72.4%	4.1%	9.7%	9.2%	3.1%	0.6%	0.4%	0.6%	0.0%
1.8%	5.0%	0.0%	37.6%	29.1%	1.7%	18.7%	6.6%	0.9%	1.4%	3.9%	0.0%
3.2%	6.4%	1.8%	71.8%	4.2%	1.0%	15.3%	3.5%	0.4%	3.0%	0.4%	0.4%
2.9%	2.2%	1.2%	59.3%	2.9%	0.0%	26.5%	5.0%	0.8%	3.0%	2.1%	0.3%
0.8%	3.0%	0.0%	80.0%	2.5%	1.1%	10.0%	0.8%	1.2%	1.1%	3.1%	0.0%
0.7%	0.5%	0.0%	93.5%	3.6%	0.3%	0.7%	0.0%	0.5%	1.1%	0.2%	0.0%
14.5%	6.6%	1.9%	26.2%	11.2%	9.9%	21.4%	13.7%	0.1%	14.9%	1.8%	0.8%
6.0%	7.6%	3.3%	19.5%	29.9%	6.4%	30.2%	3.6%	1.5%	7.1%	1.1%	0.7%
2.4%	41.1%	0.0%	17.6%	7.0%	16.8%	21.1%	27.3%	1.5%	3.4%	5.2%	0.0%
1.3%	11.5%	2.0%	76.3%	3.1%	0.4%	7.2%	2.8%	0.5%	1.5%	6.0%	2.3%
1.3%	17.3%	1.3%	84.5%	5.2%	0.0%	0.0%	2.0%	0.2%	1.4%	6.8%	0.0%
0.5%	0.7%	0.0%	2.5%	3.6%	1.3%	72.2%	19.0%	0.5%	0.4%	0.5%	0.0%
6.6%	18.7%	0.0%	63.3%	20.0%	0.9%	0.0%	2.7%	1.8%	5.6%	5.7%	0.0%
0.8%	12.6%	0.5%	67.3%	9.1%	4.6%	8.9%	2.0%	3.3%	0.5%	4.3%	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%
3.0%	7.2%	2.1%	75.4%	7.8%	0.7%	1.5%	5.9%	0.6%	3.9%	3.7%	0.5%
3.7%	1.3%	0.6%	37.3%	18.4%	1.1%	30.1%	3.9%	6.3%	2.3%	0.6%	0.1%
0.1%	0.3%	1.8%	29.7%	10.2%	1.3%	46.2%	6.8%	3.3%	0.1%	0.3%	2.0%
3.3%	2.1%	3.8%	61.4%	11.7%	2.1%	12.6%	2.4%	0.5%	6.7%	0.9%	1.6%
0.3%	1.5%	3.5%	53.2%	14.8%	9.5%	13.5%	4.9%	2.1%	0.1%	1.6%	0.3%
0.2%	4.3%	2.5%	16.9%	20.2%	5.8%	46.3%	7.5%	1.2%	0.2%	1.2%	0.6%
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%
2.1%	3.8%	2.5%	45.5%	35.4%	0.8%	8.8%	2.4%	1.8%	2.4%	2.5%	0.4%
0.6%	17.4%	2.1%	35.7%	5.0%	6.6%	27.4%	3.1%	0.1%	0.4%	20.3%	1.4%
0.2%	0.4%	4.3%	41.3%	13.8%	7.1%	28.0%	1.5%	1.1%	0.1%	0.4%	6.7%
0.0%	9.4%	5.4%	3.0%	11.3%	14.6%	41.4%	9.7%	5.7%	0.0%	8.5%	5.9%
0.0%	0.0%	0.1%	29.4%	8.6%	0.0%	53.1%	6.7%	2.1%	0.0%	0.0%	0.1%
0.3%	0.5%	0.2%	25.3%	35.7%	7.0%	26.9%	3.6%	0.1%	0.4%	0.8%	0.2%
3.1%	3.7%	0.0%	80.6%	4.5%	0.0%	3.5%	2.8%	1.7%	5.4%	1.4%	0.0%
0.7%	1.7%	2.8%	31.8%	6.7%	5.8%	39.3%	3.8%	6.1%	0.8%	1.4%	4.3%
4.6%	7.1%	0.0%	17.3%	11.5%	2.4%	44.4%	14.5%	0.7%	5.3%	3.7%	0.0%
0.5%	1.9%	4.0%	73.1%	10.4%	0.2%	10.5%	0.3%	0.4%	0.5%	1.1%	3.5%
1.0%	1.7%	3.6%	61.6%	7.2%	1.4%	19.3%	2.2%	1.3%	1.5%	1.7%	3.8%
2.3%	1.6%	6.1%	45.5%	5.6%	2.3%	29.9%	1.3%	3.7%	2.4%	1.0%	8.3%
0.1%	0.0%	0.0%	96.7%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%

## The Top American Research Universities

Research by Major Discipline		2018 Total Research by Major Discipline					
		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Institutions with Over \$40 Million in Federal Research, Alphabetically							
Public	Oregon State University	50.8%	1.8%	18.2%	18.5%	3.6%	0.8%
Public	Penn. State University - Hershey Med. Ctr.	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Pennsylvania State University - Univ. Park	22.8%	12.0%	6.4%	41.5%	7.1%	2.5%
Private	Princeton University	23.5%	23.5%	8.0%	19.6%	4.4%	3.4%
Public	Purdue University - West Lafayette	39.4%	7.0%	1.1%	42.9%	4.4%	1.2%
Private	Rensselaer Polytechnic Institute	5.8%	15.6%	2.8%	60.7%	10.4%	1.7%
Private	Rice University	9.0%	18.7%	2.5%	43.2%	7.2%	6.0%
Private	Rockefeller University	94.6%	2.4%	0.3%	0.0%	2.3%	0.4%
Private	Rush University	96.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Rutgers University - New Brunswick	71.8%	3.9%	2.9%	15.7%	1.3%	2.2%
Private	Scripps Research Institute	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Stanford University	70.5%	8.0%	1.6%	13.2%	2.3%	0.5%
Public	State Univ. of New York - Polytechnic Inst.	0.9%	0.0%	0.0%	99.1%	0.0%	0.0%
Public	Stony Brook University	44.3%	16.6%	10.6%	11.6%	3.9%	3.1%
Public	Temple University	81.3%	6.0%	0.7%	3.0%	1.7%	0.7%
Public	Texas A&M University - College Station	38.9%	6.2%	13.1%	34.1%	2.5%	1.0%
Private	Thomas Jefferson University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Tufts University	36.2%	34.9%	0.6%	13.7%	1.7%	0.9%
Private	Tulane University	84.4%	3.2%	2.1%	4.1%	1.4%	1.0%
Public	Uniformed Services University of the HS	96.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University at Albany	61.5%	5.2%	11.7%	1.3%	3.5%	0.7%
Public	University at Buffalo	62.1%	3.4%	1.1%	24.2%	4.3%	0.2%
Public	University of Alabama - Birmingham	88.9%	1.3%	0.2%	8.4%	0.2%	0.1%
Public	University of Alabama - Huntsville	2.7%	15.3%	13.3%	36.1%	28.5%	0.5%
Public	University of Alaska - Fairbanks	21.8%	9.4%	47.4%	10.1%	0.9%	0.3%
Public	University of Arizona	59.5%	19.0%	4.3%	10.4%	1.9%	0.3%
Public	University of Arkansas - Fayetteville	60.7%	6.6%	2.9%	24.7%	0.6%	0.3%
Public	University of Arkansas for Medical Sciences	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Berkeley	31.3%	17.5%	1.5%	26.8%	1.4%	1.1%
Public	University of California - Davis	75.9%	3.0%	3.5%	11.5%	1.0%	0.6%
Public	University of California - Irvine	59.9%	9.5%	2.7%	17.6%	3.9%	1.3%
Public	University of California - Los Angeles	73.9%	4.5%	3.1%	7.4%	1.2%	1.1%
Public	University of California - Riverside	52.5%	10.2%	6.1%	18.0%	4.6%	1.0%
Public	University of California - San Diego	62.3%	5.4%	12.7%	12.0%	2.8%	0.4%
Public	University of California - San Francisco	96.1%	3.9%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Santa Barbara	16.9%	22.0%	15.1%	34.7%	5.1%	0.6%
Public	University of California - Santa Cruz	20.3%	24.0%	19.8%	24.1%	3.4%	0.3%
Public	University of Central Florida	15.2%	15.8%	2.9%	35.6%	15.1%	1.7%
Private	University of Chicago	66.4%	12.4%	2.3%	4.0%	6.2%	1.8%
Public	University of Cincinnati - Cincinnati	84.0%	2.0%	0.3%	9.6%	0.5%	0.5%
Public	University of Colorado - Boulder	8.5%	17.4%	27.9%	35.2%	2.5%	0.5%
Public	Univ. of Colorado - Denver/Anschutz Med.	97.8%	0.2%	0.6%	0.9%	0.1%	0.1%
Public	University of Connecticut - Health Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Connecticut - Storrs	38.3%	10.3%	6.3%	24.4%	2.9%	1.4%
Private	University of Dayton	0.7%	1.1%	0.2%	96.8%	1.0%	0.0%
Public	University of Delaware	30.9%	13.2%	11.5%	29.5%	2.9%	1.1%
Public	University of Florida	78.9%	3.1%	2.0%	11.3%	1.5%	0.2%
Public	University of Georgia	67.1%	4.9%	5.8%	5.5%	1.3%	1.7%
Public	University of Hawaii - Manoa	47.5%	8.7%	28.6%	7.8%	4.0%	0.1%

# The Top American Research Universities

			2018 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
0.5%	2.2%	3.6%	39.0%	2.2%	24.9%	20.7%	4.8%	0.9%	0.7%	1.7%	5.2%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.9%	3.9%	0.0%	15.2%	10.6%	6.2%	48.8%	9.6%	3.1%	4.0%	2.6%	0.0%
1.8%	15.9%	0.0%	26.4%	29.9%	9.9%	23.5%	4.9%	2.6%	1.3%	1.6%	0.0%
1.2%	2.3%	0.5%	32.6%	8.4%	1.4%	45.9%	6.3%	1.9%	1.8%	1.8%	0.0%
2.6%	0.5%	0.0%	6.3%	12.4%	2.5%	60.7%	10.9%	2.4%	4.4%	0.4%	0.0%
2.0%	10.9%	0.5%	10.1%	20.2%	2.6%	44.5%	12.5%	5.6%	2.9%	1.1%	0.5%
0.0%	0.0%	0.0%	95.0%	4.4%	0.4%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
3.2%	0.0%	0.0%	95.7%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%
1.0%	1.1%	0.2%	72.2%	5.6%	4.3%	10.7%	2.4%	3.3%	1.1%	0.3%	0.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.6%	2.2%	0.0%	71.2%	9.2%	1.3%	13.4%	2.0%	0.7%	1.5%	0.8%	0.0%
0.0%	0.0%	0.0%	4.4%	0.0%	0.0%	95.6%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7%	0.9%	7.2%	46.2%	20.9%	8.3%	11.1%	5.1%	3.7%	2.2%	0.7%	1.8%
4.9%	1.2%	0.5%	78.4%	7.8%	0.5%	2.9%	2.0%	0.6%	6.3%	1.2%	0.3%
0.4%	3.3%	0.5%	35.6%	6.0%	27.9%	22.1%	3.1%	1.8%	0.4%	3.0%	0.1%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.9%	7.8%	3.2%	37.6%	33.9%	0.5%	17.5%	2.6%	1.2%	1.1%	1.8%	3.8%
1.1%	2.7%	0.0%	87.4%	3.4%	1.5%	3.9%	1.5%	0.7%	0.8%	0.8%	0.0%
3.2%	0.0%	0.0%	96.8%	0.0%	0.0%	0.0%	0.0%	0.0%	3.2%	0.0%	0.0%
2.1%	14.1%	0.0%	78.0%	3.5%	10.6%	0.1%	1.4%	0.1%	0.6%	5.7%	0.0%
1.2%	2.5%	0.9%	55.8%	4.8%	1.6%	29.1%	5.2%	0.3%	1.9%	1.3%	0.0%
0.9%	0.1%	0.0%	86.2%	1.6%	0.2%	10.3%	0.2%	0.1%	1.3%	0.0%	0.0%
0.2%	3.4%	0.0%	0.8%	14.2%	13.5%	33.6%	34.3%	0.1%	0.0%	3.6%	0.0%
0.5%	0.8%	8.9%	15.5%	9.5%	54.5%	8.2%	0.3%	0.5%	0.7%	1.0%	9.7%
0.4%	3.0%	1.1%	54.8%	23.7%	4.6%	10.7%	2.1%	0.6%	0.5%	1.7%	1.4%
0.8%	3.3%	0.0%	48.1%	8.3%	5.1%	32.9%	0.9%	0.6%	1.1%	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%
2.4%	7.8%	10.1%	34.7%	25.1%	2.1%	23.2%	0.1%	1.8%	2.4%	1.8%	8.9%
0.3%	3.1%	1.0%	78.3%	4.2%	1.9%	10.0%	1.6%	0.9%	0.4%	2.7%	0.0%
1.7%	3.1%	0.1%	60.4%	12.6%	4.6%	14.0%	4.3%	1.6%	1.2%	1.2%	0.0%
1.4%	5.6%	2.0%	70.3%	6.6%	4.7%	9.0%	1.3%	2.0%	2.2%	2.0%	1.9%
2.9%	2.0%	2.7%	38.0%	17.8%	6.0%	21.4%	7.1%	1.4%	4.4%	0.6%	3.3%
1.6%	1.6%	1.3%	62.0%	6.8%	13.9%	11.5%	2.3%	0.4%	2.2%	0.7%	0.1%
0.0%	0.0%	0.0%	94.7%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.5%	2.6%	0.6%	15.2%	29.1%	12.3%	32.7%	6.1%	0.8%	3.1%	0.6%	0.2%
0.7%	5.6%	1.8%	24.8%	20.0%	18.5%	30.3%	3.0%	0.4%	0.7%	2.2%	0.2%
2.8%	9.6%	1.4%	12.3%	20.7%	1.8%	36.9%	20.2%	0.5%	1.5%	6.3%	0.0%
2.0%	4.9%	0.0%	63.4%	14.3%	2.9%	4.3%	7.9%	2.0%	2.2%	2.9%	0.0%
0.5%	2.4%	0.2%	91.3%	2.0%	0.2%	4.3%	0.0%	0.5%	0.7%	1.0%	0.0%
1.8%	3.6%	2.6%	8.9%	20.8%	35.2%	23.0%	3.0%	0.6%	2.2%	3.2%	3.0%
0.3%	0.1%	0.0%	97.5%	0.2%	0.9%	0.7%	0.1%	0.1%	0.4%	0.1%	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%
10.8%	5.2%	0.3%	38.2%	7.9%	6.6%	25.9%	3.9%	1.6%	11.2%	4.6%	0.1%
0.0%	0.1%	0.1%	0.6%	1.0%	0.2%	97.4%	0.9%	0.0%	0.0%	0.0%	0.0%
2.5%	7.6%	0.9%	23.4%	17.1%	10.9%	33.2%	3.8%	1.4%	3.1%	6.4%	0.7%
1.2%	1.8%	0.0%	72.7%	4.1%	3.0%	14.5%	2.1%	0.3%	1.9%	1.3%	0.0%
5.1%	5.9%	2.7%	74.9%	3.0%	4.2%	3.4%	0.9%	1.3%	7.5%	4.7%	0.1%
0.1%	1.6%	1.6%	39.6%	9.1%	33.1%	9.5%	6.3%	0.2%	0.2%	0.7%	1.4%

## The Top American Research Universities

Research by Major Discipline		2018 Total Research by Major Discipline					
		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Institutions with Over \$40 Million in Federal Research, Alphabetically							
Public	University of Houston - University Park	21.1%	20.5%	5.0%	31.6%	4.5%	2.1%
Public	University of Idaho	65.1%	1.8%	5.0%	16.3%	1.4%	0.6%
Public	University of Illinois - Chicago	78.4%	3.7%	0.2%	7.3%	3.4%	1.2%
Public	University of Illinois - Urbana-Champaign	33.8%	11.4%	1.2%	32.0%	15.8%	0.9%
Public	University of Iowa	79.9%	5.2%	0.4%	10.5%	0.6%	0.2%
Public	University of Kansas - Lawrence	62.0%	5.0%	6.4%	9.9%	2.3%	0.7%
Public	University of Kansas Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Kentucky	77.0%	1.8%	0.6%	12.5%	0.8%	0.2%
Public	University of Louisville	85.9%	1.1%	0.1%	10.3%	0.2%	0.1%
Public	University of Maine - Orono	34.8%	5.2%	21.5%	26.0%	1.3%	0.1%
Public	University of Maryland - Baltimore	98.0%	0.0%	0.5%	1.5%	0.0%	0.0%
Public	University of Maryland - Baltimore County	6.9%	19.6%	28.8%	12.4%	9.0%	2.1%
Public	University of Maryland - College Park	21.7%	19.8%	9.0%	24.8%	8.7%	1.3%
Public	University of Massachusetts - Amherst	34.1%	12.6%	2.7%	28.0%	13.0%	1.3%
Public	University of Mass. Med. Sch. - Worcester	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	University of Miami	77.4%	1.7%	14.2%	1.5%	0.3%	0.3%
Public	University of Michigan - Ann Arbor	58.5%	4.0%	1.0%	20.0%	0.8%	1.2%
Public	University of Minnesota - Twin Cities	69.4%	4.3%	1.6%	13.6%	2.4%	0.9%
Public	University of Missouri - Columbia	74.1%	3.0%	0.4%	17.3%	0.7%	0.7%
Public	University of Montana - Missoula	63.2%	7.6%	5.8%	0.0%	0.9%	0.5%
Public	University of Nebraska - Lincoln	56.7%	10.2%	1.5%	18.0%	3.4%	2.0%
Public	University of Nebraska Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Nevada - Reno	48.6%	8.7%	11.3%	15.2%	6.1%	1.1%
Public	University of New Hampshire - Durham	36.8%	3.4%	39.5%	14.4%	0.3%	0.2%
Public	University of New Mexico - Albuquerque	65.7%	3.7%	3.2%	14.3%	1.8%	0.5%
Public	University of North Carolina - Chapel Hill	75.5%	3.2%	1.7%	2.6%	1.7%	0.3%
Public	University of North Dakota	30.6%	3.1%	4.1%	52.9%	2.2%	0.4%
Private	University of Notre Dame	14.3%	22.3%	0.0%	40.6%	7.5%	2.6%
Public	Univ. of Oklahoma - Health Sciences Ctr.	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Oklahoma - Norman	14.7%	10.4%	44.1%	16.2%	2.0%	0.3%
Public	University of Oregon	43.6%	16.7%	4.6%	0.0%	5.1%	1.3%
Private	University of Pennsylvania	82.1%	4.3%	0.1%	5.2%	1.8%	0.5%
Public	University of Pittsburgh - Pittsburgh	86.7%	3.1%	1.2%	4.5%	0.8%	0.4%
Public	University of Rhode Island	24.5%	3.8%	47.8%	8.0%	0.8%	0.0%
Private	University of Rochester	66.2%	25.2%	0.7%	3.6%	1.0%	0.1%
Public	University of South Carolina - Columbia	53.7%	7.8%	2.5%	16.7%	1.8%	2.2%
Public	University of South Florida - Tampa	71.4%	2.4%	4.8%	9.2%	1.7%	0.4%
Private	University of Southern California	67.7%	2.1%	1.9%	8.5%	14.0%	0.1%
Public	University of Tennessee - Knoxville	27.3%	8.0%	1.9%	44.2%	4.7%	1.1%
Public	University of Texas - Austin	19.3%	12.6%	9.0%	39.3%	11.9%	2.4%
Public	University of Texas - El Paso	34.0%	9.7%	3.2%	33.7%	6.8%	0.8%
Public	University of Texas HSC - Houston	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Texas HSC - San Antonio	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Univ. of Texas MD Anderson Cancer Ctr.	93.3%	1.7%	0.0%	0.0%	0.0%	2.4%
Public	Univ. of Texas Medical Branch - Galveston	98.6%	0.0%	0.0%	1.4%	0.0%	0.0%
Public	Univ. of Texas SW Medical Center - Dallas	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Utah	73.3%	4.7%	2.4%	7.9%	7.9%	0.8%
Public	University of Vermont	83.9%	1.8%	0.3%	6.0%	1.3%	0.3%
Public	University of Virginia	71.7%	5.1%	1.0%	14.3%	3.2%	0.3%

# The Top American Research Universities

			2018 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
9.4%	5.0%	0.7%	24.1%	9.6%	4.2%	34.8%	7.0%	3.0%	15.5%	1.6%	0.2%
0.1%	1.8%	8.0%	56.9%	2.4%	5.5%	15.8%	2.4%	1.0%	0.2%	2.3%	13.4%
1.6%	2.0%	2.2%	80.3%	4.3%	0.2%	7.2%	3.6%	1.1%	1.9%	0.8%	0.5%
2.4%	1.5%	0.9%	23.9%	14.0%	1.8%	37.3%	18.7%	1.1%	2.3%	0.8%	0.1%
1.5%	1.4%	0.3%	76.6%	9.2%	0.3%	9.2%	1.0%	0.2%	2.4%	1.0%	0.0%
8.9%	4.5%	0.4%	58.9%	7.9%	5.7%	11.9%	2.2%	1.3%	6.3%	5.3%	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%
1.1%	0.4%	5.5%	73.8%	2.9%	0.4%	14.8%	1.0%	0.3%	1.9%	0.4%	4.5%
0.9%	0.8%	0.8%	87.2%	1.3%	0.2%	9.0%	0.2%	0.1%	0.9%	1.1%	0.0%
0.1%	1.6%	9.5%	38.3%	4.4%	23.2%	22.2%	1.4%	0.0%	0.1%	0.8%	9.6%
0.0%	0.0%	0.0%	98.5%	0.0%	0.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%
2.9%	15.0%	3.3%	6.6%	22.6%	27.6%	11.7%	9.3%	2.1%	1.9%	14.5%	3.6%
1.6%	12.7%	0.5%	20.9%	22.7%	12.0%	20.3%	9.1%	1.3%	2.1%	10.9%	0.7%
3.8%	2.7%	1.8%	33.5%	14.2%	2.8%	26.6%	15.1%	1.5%	3.9%	1.1%	1.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4.1%	0.6%	0.0%	72.5%	2.4%	18.9%	1.4%	0.4%	0.2%	4.1%	0.1%	0.0%
1.3%	12.9%	0.3%	59.6%	4.3%	0.9%	21.2%	0.6%	0.7%	0.8%	11.9%	0.1%
4.1%	3.8%	0.0%	63.8%	6.5%	1.7%	14.9%	1.8%	1.2%	6.2%	3.9%	0.0%
2.8%	1.0%	0.0%	74.8%	5.8%	0.8%	10.2%	1.3%	1.3%	5.5%	0.3%	0.0%
0.8%	21.1%	0.0%	75.1%	10.6%	4.6%	0.0%	1.3%	0.8%	1.0%	6.6%	0.0%
3.6%	4.2%	0.5%	46.0%	17.1%	2.3%	18.0%	4.8%	1.7%	4.9%	5.4%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.9%	4.3%	0.7%	51.5%	8.7%	11.6%	12.5%	6.6%	0.4%	5.4%	2.7%	0.6%
1.2%	4.2%	0.0%	37.0%	3.3%	44.1%	10.6%	0.2%	0.2%	1.6%	3.2%	0.0%
3.6%	4.0%	3.4%	64.5%	4.7%	4.2%	16.4%	1.8%	0.6%	3.9%	2.5%	1.4%
4.4%	10.5%	0.0%	71.8%	3.4%	1.7%	2.9%	2.0%	0.4%	4.3%	13.4%	0.0%
1.6%	1.4%	3.6%	29.5%	1.3%	4.0%	62.4%	1.2%	0.0%	0.8%	0.0%	0.8%
2.6%	5.0%	5.2%	12.0%	29.3%	0.0%	39.1%	9.7%	3.2%	3.0%	2.5%	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%
0.9%	11.4%	0.0%	11.3%	12.4%	50.0%	13.7%	1.9%	0.3%	1.1%	9.2%	0.0%
17.0%	8.0%	3.8%	47.0%	15.0%	5.8%	0.0%	6.2%	1.6%	21.3%	3.1%	0.0%
1.4%	3.8%	0.8%	82.7%	5.4%	0.1%	5.5%	2.2%	0.3%	1.5%	2.2%	0.0%
1.6%	0.5%	1.2%	86.9%	2.7%	1.3%	4.3%	0.9%	0.4%	2.1%	0.5%	0.9%
2.1%	3.3%	9.7%	29.0%	4.1%	46.3%	8.6%	1.2%	0.0%	1.5%	2.0%	7.2%
1.8%	0.0%	1.3%	60.3%	31.0%	0.7%	3.4%	1.0%	0.1%	2.0%	0.1%	1.3%
4.6%	10.7%	0.0%	55.9%	9.5%	1.5%	18.4%	1.8%	1.4%	7.5%	4.0%	0.0%
2.4%	7.3%	0.3%	69.7%	2.7%	4.4%	10.3%	1.4%	0.3%	3.2%	7.8%	0.2%
1.0%	4.6%	0.0%	57.4%	2.5%	2.2%	9.6%	22.6%	0.2%	1.3%	4.2%	0.0%
1.4%	4.1%	7.3%	21.7%	10.5%	1.8%	45.6%	6.9%	0.7%	0.7%	2.2%	9.7%
1.9%	3.0%	0.7%	18.6%	12.5%	6.0%	40.0%	16.4%	1.7%	2.4%	2.3%	0.1%
4.9%	4.8%	2.0%	27.9%	11.0%	3.8%	35.2%	11.4%	0.5%	2.9%	5.6%	1.7%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7%	0.9%	0.0%	88.7%	3.8%	0.0%	0.0%	0.0%	3.9%	2.5%	1.0%	0.0%
0.0%	0.0%	0.0%	99.0%	0.0%	0.0%	1.0%	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%
1.1%	2.0%	0.0%	70.5%	5.2%	2.4%	8.5%	9.7%	1.0%	1.2%	1.5%	0.0%
1.0%	0.9%	4.6%	81.3%	1.9%	0.5%	6.5%	1.2%	0.1%	1.3%	1.1%	6.0%
1.8%	2.3%	0.3%	67.0%	7.6%	1.2%	16.7%	3.9%	0.4%	1.9%	0.7%	0.5%

Research by Major Discipline		2018 Total Research by Major Discipline					
		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Institutions with Over \$40 Million in Federal Research, Alphabetically							
Public	University of Washington - Seattle	71.1%	4.0%	9.1%	11.2%	1.8%	0.4%
Public	University of Wisconsin - Madison	66.5%	6.6%	4.5%	10.6%	2.0%	0.5%
Public	University of Wyoming	36.6%	4.1%	8.4%	32.5%	0.3%	8.9%
Public	Utah State University	27.5%	2.8%	0.9%	65.0%	0.9%	0.4%
Private	Vanderbilt University	79.8%	4.1%	0.5%	12.4%	0.0%	0.2%
Public	Virginia Commonwealth University	81.4%	1.6%	0.5%	9.1%	0.6%	0.5%
Public	Virginia Polytechnic Inst. and State Univ.	38.1%	4.0%	0.7%	47.2%	5.3%	1.1%
Private	Wake Forest University	98.8%	0.9%	0.0%	0.0%	0.1%	0.1%
Public	Washington State University - Pullman	59.9%	11.1%	2.9%	15.4%	3.4%	0.6%
Private	Washington University in St. Louis	91.7%	2.8%	0.6%	3.0%	0.6%	0.1%
Public	Wayne State University	78.0%	7.8%	0.1%	7.5%	0.8%	1.7%
Private	Weill Cornell Medical College	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	West Virginia University	58.9%	8.7%	4.1%	21.3%	0.8%	2.9%
Private	Woods Hole Oceanographic Institution	0.0%	0.0%	70.0%	30.0%	0.0%	0.0%
Public	Wright State University - Dayton	22.8%	4.0%	0.8%	63.7%	4.8%	0.7%
Private	Yale University	85.6%	6.6%	0.8%	3.7%	0.6%	0.3%
Private	Yeshiva University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

			2018 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
0.8%	1.6%	0.0%	70.4%	4.8%	10.1%	10.9%	1.3%	0.5%	0.9%	1.1%	0.0%
0.9%	4.2%	4.1%	59.4%	9.3%	6.6%	11.5%	3.0%	0.6%	1.1%	3.9%	4.6%
0.2%	9.1%	0.0%	56.1%	6.0%	14.0%	10.3%	0.7%	6.3%	0.0%	6.6%	0.0%
1.6%	0.8%	0.2%	16.0%	2.0%	1.0%	78.8%	0.7%	0.2%	0.7%	0.6%	0.0%
2.2%	0.7%	0.0%	83.7%	3.2%	0.4%	10.3%	0.0%	0.2%	1.7%	0.4%	0.0%
5.2%	1.1%	0.0%	81.8%	1.9%	0.7%	6.0%	1.0%	0.5%	7.8%	0.3%	0.0%
0.8%	2.6%	0.1%	32.2%	5.5%	1.1%	50.4%	5.5%	1.2%	1.3%	2.6%	0.2%
0.1%	0.1%	0.0%	98.6%	1.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
1.3%	5.0%	0.5%	59.9%	12.8%	3.3%	14.6%	3.2%	0.8%	1.1%	3.7%	0.6%
0.7%	0.2%	0.3%	89.4%	3.3%	1.0%	4.1%	0.8%	0.1%	0.9%	0.1%	0.3%
0.8%	1.1%	2.3%	81.8%	8.8%	0.2%	5.8%	1.1%	1.4%	0.7%	0.2%	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%
1.3%	1.6%	0.4%	48.6%	12.5%	5.4%	25.7%	1.1%	3.4%	2.1%	0.8%	0.4%
0.0%	0.0%	0.0%	0.0%	0.0%	67.9%	32.1%	0.0%	0.0%	0.0%	0.0%	0.0%
2.8%	0.0%	0.4%	21.9%	4.4%	0.5%	64.9%	4.0%	0.8%	3.4%	0.0%	0.0%
1.2%	1.2%	0.1%	85.7%	6.5%	0.6%	4.3%	0.8%	0.3%	1.3%	0.5%	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%

## The Top American Research Universities

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2019 National Rank	2019 Control Rank	2018 Endowment Assets x \$1000	2018 National Rank	2018 Control Rank
Public	Arizona State University	922,103	121	48	720,565	147	54
Public	Auburn University	792,983	136	51	767,361	136	49
Public	Augusta University	243,556	303	122	239,446	301	120
Private	Baylor College of Medicine	1,301,005	84	51	1,272,276	83	52
Private	Boston University	2,304,235	45	29	2,161,596	47	31
Private	Brown University	3,976,694	29	21	3,603,848	30	21
Private	California Institute of Technology	2,975,376	35	22	2,879,494	35	22
Private	Carnegie Mellon University	2,542,650	40	24	2,385,986	41	26
Private	Case Western Reserve University	1,866,500	57	38	1,842,899	57	38
Public	Clemson University	774,514	140	52	741,802	142	52
Public	Cleveland State University	94,020	588	213	83,970	625	222
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	376,063	235	93	355,923	239	94
Private	Columbia University	10,950,738	12	9	10,869,245	11	8
Private	Cornell University	5,803,967	21	17	5,632,397	19	15
Private	Dartmouth College	5,731,322	23	19	5,494,204	21	17
Private	Drexel University	813,685	133	84	779,692	132	85
Private	Duke University	8,609,004	13	10	8,524,846	13	10
Private	Emory University	7,872,381	16	13	7,292,165	16	13
Public	Florida International University	216,382	337	134	209,237	335	132
Public	Florida State University	704,106	157	58	681,370	157	57
Public	George Mason University	113,199	517	188	91,758	584	208
Private	George Washington University	1,778,559	61	40	1,798,810	59	39
Private	Georgetown University	1,822,484	60	39	1,769,557	60	40
Public	Georgia Institute of Technology	2,169,005	49	17	2,089,440	50	17
Public	Georgia State University	178,774	393	151	167,114	405	153
Private	Harvard University	39,427,896	1	1	38,298,087	1	1
Private	Icahn School of Med. at Mount Sinai	714,803	152	97	748,174	140	90
Public	Indiana University - Bloomington	1,172,818	92	38	1,154,032	90	36
Public	Iowa State University	1,101,709	100	40	1,062,682	98	39
Private	Johns Hopkins University	6,275,939	19	15	4,190,520	28	20
Public	Kansas State University	510,300	201	83	472,700	204	84
Public	Louisiana State Univ. - Baton Rouge	519,887	197	79	499,341	199	80
Private	Massachusetts Inst. of Technology	17,569,328	5	5	16,529,432	5	5
Private	Medical College of Wisconsin	937,909	120	73	930,961	116	70
Public	Medical University of South Carolina	375,593	236	94	371,301	232	92
Public	Michigan State University	3,404,779	34	13	3,275,887	33	12
Public	Mississippi State University	528,679	195	78	506,138	197	78
Public	Montana State University - Bozeman	180,168	390	150	178,156	384	148
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	129,455	476	173	120,068	487	174
Public	New Mexico State Univ. - Las Cruces	182,676	385	148	175,633	386	149
Private	New York University	4,345,608	27	20	4,262,116	26	19
Public	North Carolina State University	1,400,655	77	30	1,293,743	81	30
Private	Northeastern University	1,055,474	106	64	831,129	126	79
Private	Northwestern University	11,091,516	11	8	11,087,659	10	7
Public	Ohio State University - Columbus	5,256,759	24	5	5,211,434	22	5
Public	Oklahoma State University - Stillwater	642,500	168	63	642,900	163	59
Public	Oregon Health & Science University	877,758	126	49	745,744	141	51



## The Top American Research Universities

2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank	2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank
665,488	148	53	612,590	149	53	643,188	144	51
738,018	133	48	646,624	142	51	641,993	145	52
227,565	300	119	212,447	290	119	210,595	297	120
1,166,562	80	52	1,063,678	81	52	1,095,326	80	53
1,957,021	48	31	1,654,531	52	34	1,644,117	53	36
3,245,531	30	21	2,963,366	30	21	3,073,349	31	21
2,606,505	34	22	2,217,372	37	23	2,198,887	39	25
2,154,099	43	28	1,708,618	49	32	1,739,474	52	35
1,798,790	54	35	1,662,739	51	33	1,775,999	51	34
682,736	143	52	621,294	147	52	648,611	142	50
76,400	634	224	72,700	611	217	74,900	571	201
330,200	239	94	286,348	246	98	281,355	252	99
9,996,596	11	8	9,041,027	11	8	9,639,065	11	8
5,298,076	19	15	4,524,419	20	16	4,760,560	19	15
4,956,494	21	17	4,474,404	21	17	4,663,491	21	17
707,650	141	90	650,252	140	90	668,386	139	91
7,911,175	13	10	6,839,780	15	12	7,296,545	14	11
6,905,465	16	13	6,401,650	16	13	6,684,305	16	13
196,281	334	131	174,061	340	135	178,750	340	133
639,371	158	57	584,529	154	56	605,275	151	56
77,692	622	220	71,566	621	219	72,245	587	208
1,729,147	57	38	1,570,278	56	38	1,616,357	56	37
1,661,745	59	40	1,483,502	61	41	1,528,869	60	39
1,985,802	47	17	1,843,764	46	17	1,858,977	46	16
155,303	407	154	140,677	402	152	135,418	402	153
36,021,516	1	1	34,541,893	1	1	36,448,817	1	1
675,121	146	94	659,261	138	89	717,372	128	82
1,081,730	89	35	991,134	89	33	960,625	90	33
838,871	118	45	760,461	116	44	786,205	113	43
3,844,918	28	20	3,381,281	28	20	3,412,617	28	20
450,462	200	80	475,617	179	71	488,936	174	68
457,333	197	78	416,717	196	80	427,852	195	79
14,967,983	5	5	13,433,036	5	5	13,474,743	5	5
875,817	108	67	748,862	119	73	778,315	115	72
342,052	231	91	312,002	231	92	322,644	227	91
3,036,532	32	11	2,585,841	33	12	2,672,822	34	13
472,000	195	77	444,485	191	77	449,106	185	75
165,708	386	147	138,207	407	154	142,661	395	150
5,692	1,395	606	5,184	1,389	604	5,086	1,137	481
111,434	485	174	98,006	496	177	99,257	477	172
167,496	382	146	152,317	372	145	221,005	286	117
3,992,000	26	19	3,487,702	27	19	3,576,180	26	19
1,122,899	85	31	998,600	87	32	983,979	88	32
778,948	128	81	693,025	129	82	729,400	124	79
10,436,692	10	7	9,648,497	10	7	10,193,037	7	6
4,253,459	24	7	3,578,562	25	7	3,633,887	24	6
586,600	164	60	545,500	161	59	581,400	154	58
655,992	153	56	570,485	157	58	571,341	155	59

## The Top American Research Universities

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2019 National Rank	2019 Control Rank	2018 Endowment Assets x \$1000	2018 National Rank	2018 Control Rank
Public	Oregon State University	622,473	170	64	595,763	170	64
Public	Penn. State Univ. - Hershey Med. Ctr.	615,247	174	66	550,797	186	74
Public	Pennsylvania State Univ. - Univ. Park	2,549,603	39	16	2,340,887	43	16
Private	Princeton University	26,116,023	4	4	25,917,199	4	4
Public	Purdue University - West Lafayette	2,625,278	38	15	2,523,770	38	15
Private	Rensselaer Polytechnic Institute	739,648	147	93	718,199	149	95
Private	Rice University	6,481,102	18	14	6,277,506	18	14
Private	Rockefeller University	2,293,239	46	30	2,194,245	45	29
Private	Rush University	620,253	172	108	602,792	169	106
Public	Rutgers University - New Brunswick	1,253,185	86	34	1,094,224	95	38
Private	Scripps Research Institute						
Private	Stanford University	27,699,834	3	3	26,464,912	3	3
Public	St. Univ. of NY - Polytechnic Institute	6,796	1,407	621	6,954	1,398	609
Public	Stony Brook University	341,878	254	101	305,017	268	106
Public	Temple University	644,089	167	62	642,326	164	60
Public	Texas A&M Univ. - College Station	12,736,450	8	2	12,792,244	8	2
Private	Thomas Jefferson University	954,177	115	69	932,897	115	69
Private	Tufts University	1,867,962	56	37	1,845,956	56	37
Private	Tulane University	1,429,707	72	46	1,384,371	72	46
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	75,126	677	249	71,701	686	250
Public	University at Buffalo	794,895	134	50	725,000	146	53
Public	University of Alabama - Birmingham	519,025	198	80	504,530	198	79
Public	University of Alabama - Huntsville	77,250	670	246	78,545	650	235
Public	University of Alaska - Fairbanks	230,603	317	126	211,456	332	130
Public	University of Arizona	1,038,133	108	44	959,632	112	45
Public	University of Arkansas - Fayetteville	1,221,935	90	37	1,185,715	87	33
Public	Univ. of Arkansas for Med. Sciences	60,485	743	275	37,553	939	350
Public	University of California - Berkeley	4,903,675	25	6	4,730,836	23	6
Public	University of California - Davis	1,670,738	66	23	1,416,342	69	24
Public	University of California - Irvine	1,029,020	109	45	972,185	110	44
Public	University of California - Los Angeles	4,902,768	26	7	4,608,029	25	7
Public	University of California - Riverside	257,119	294	120	250,220	294	118
Public	University of California - San Diego	1,746,546	62	22	1,625,687	65	22
Public	Univ. of California - San Francisco	3,679,094	31	10	3,212,862	34	13
Public	Univ. of California - Santa Barbara	263,100	290	118	210,152	334	131
Public	University of California - Santa Cruz	210,387	347	138	203,032	348	138
Public	University of Central Florida	164,722	415	158	163,462	408	155
Private	University of Chicago	8,263,868	14	11	7,928,485	14	11
Public	University of Cincinnati - Cincinnati	1,453,000	71	26	1,367,000	73	27
Public	University of Colorado - Boulder	705,656	156	57	655,576	160	58
Public	U. of Colorado - Denver/Anschutz Med.	552,885	188	75	564,690	181	70
Public	Univ. of Connecticut - Health Center	108,381	535	194	113,146	506	181
Public	University of Connecticut - Storrs	353,994	247	99	334,071	250	99
Private	University of Dayton	604,176	176	109	568,374	180	111
Public	University of Delaware	1,466,070	70	25	1,413,197	70	25
Public	University of Florida	1,825,250	59	21	1,734,661	61	21
Public	University of Georgia	1,343,987	82	33	1,274,343	82	31
Public	University of Hawaii - Manoa	326,993	261	103	321,040	255	101

## The Top American Research Universities

2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank	2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank
549,448	171	65	492,543	173	67	505,369	170	66
498,497	187	73	449,943	186	75	436,288	191	76
2,118,610	45	16	1,912,254	44	16	1,854,222	47	17
23,812,241	4	4	22,152,580	4	4	22,723,473	3	3
2,424,872	38	15	2,254,541	35	13	2,397,902	35	14
677,231	145	93	634,916	144	93	676,546	138	90
5,814,444	18	14	5,324,289	18	14	5,557,479	18	14
2,049,395	46	30	1,887,407	45	29	1,987,027	44	29
595,869	162	103	538,823	162	103	555,610	158	99
985,463	97	38	865,867	101	40	710,802	129	47
24,784,943	3	3	22,398,130	3	3	22,222,957	4	4
6,684	1,376	590	5,225	1,388	603	6,383	1,123	468
290,031	262	102	262,191	263	103	247,397	274	108
581,960	165	61	494,187	172	66	386,230	207	85
10,908,003	9	3	9,944,936	8	2	9,856,983	10	3
841,741	117	73	788,426	110	67	708,033	130	83
1,738,706	56	37	1,562,968	57	39	1,593,019	57	38
1,288,374	71	46	1,150,687	74	48	1,220,464	68	45
65,342	688	250	59,273	690	249	54,810	679	246
659,156	151	55	600,961	152	54	619,296	149	54
475,558	194	76	431,459	193	79	388,405	206	84
75,244	640	226	71,053	626	222	65,978	623	226
187,163	346	135	198,196	306	122	189,476	323	129
843,529	115	44	754,651	118	46	767,940	117	44
996,019	95	36	898,908	97	37	948,679	92	35
34,830	941	346	31,733	942	348	32,632	846	311
4,271,453	23	6	3,845,281	23	6	4,045,451	23	5
1,107,701	86	32	965,805	90	34	1,013,936	86	30
869,491	110	43	498,171	170	65	512,904	168	64
4,356,826	22	5	3,849,133	22	5	3,493,903	27	8
226,990	301	120	191,420	318	126	185,335	331	131
1,339,164	69	24	1,176,581	70	25	951,367	91	34
2,545,101	35	13	2,112,014	39	15	2,124,970	41	15
322,419	245	97	274,371	252	100	265,930	260	104
191,185	340	133	162,211	358	142	164,331	360	141
156,863	405	152	146,416	385	148	150,627	378	146
7,523,720	14	11	7,001,204	14	11	7,549,710	13	10
1,282,824	73	27	1,165,522	71	26	1,195,899	71	25
596,407	161	59	583,190	155	57	598,355	153	57
493,142	190	74	479,474	177	70	491,942	173	67
105,934	503	179	83,260	553	195	103,450	462	169
315,960	249	99	275,335	251	99	279,699	255	102
525,221	177	109	473,122	180	109	500,407	171	105
1,364,057	68	23	1,261,790	66	22	1,341,373	65	22
1,612,003	61	21	1,461,347	63	21	1,555,703	58	20
1,151,904	81	29	1,016,732	84	30	1,004,987	87	31
307,777	253	100	271,180	256	101	280,210	254	101

## The Top American Research Universities

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2019 National Rank	2019 Control Rank	2018 Endowment Assets x \$1000	2018 National Rank	2018 Control Rank
Public	University of Houston - Univ. Park	658,493	164	59	641,843	165	61
Public	University of Idaho	291,868	276	110	280,997	276	110
Public	University of Illinois - Chicago	357,455	243	97	350,744	241	95
Public	Univ. of Illinois - Urbana-Champaign	1,857,157	58	20	1,800,156	58	20
Public	University of Iowa	1,578,933	68	24	1,500,456	68	23
Public	University of Kansas - Lawrence	1,419,568	73	27	1,342,128	76	29
Public	University of Kansas Medical Center	397,363	226	90	398,635	220	88
Public	University of Kentucky	1,407,221	75	28	1,361,246	74	28
Public	University of Louisville	719,816	151	55	712,295	151	55
Public	University of Maine - Orono	337,808	255	102	327,276	252	100
Public	University of Maryland - Baltimore	361,175	242	96	313,244	261	102
Public	Univ. of Maryland - Baltimore County	102,019	553	201	96,845	569	201
Public	University of Maryland - College Park	652,556	165	60	605,540	168	63
Public	Univ. of Massachusetts - Amherst	367,075	239	95	346,953	244	96
Public	Univ. of Mass. Med. Sch. - Worcester	295,000	271	107	207,500	338	133
Private	University of Miami	997,413	112	67	1,021,508	101	61
Public	University of Michigan - Ann Arbor	12,448,817	9	3	11,901,760	9	3
Public	University of Minnesota - Twin Cities	3,951,464	30	9	3,717,476	29	9
Public	University of Missouri - Columbia	1,052,760	107	43	1,005,121	104	41
Public	University of Montana - Missoula	205,046	353	141	189,510	365	142
Public	University of Nebraska - Lincoln	1,082,434	101	41	978,745	108	43
Public	University of Nebraska Medical Ctr.	235,757	311	124	279,641	279	111
Public	University of Nevada - Reno	377,446	233	92	358,433	238	93
Public	Univ. of New Hampshire - Durham	403,858	222	88	389,492	225	89
Public	Univ. of New Mexico - Albuquerque	457,313	210	85	452,527	208	86
Public	Univ. of North Carolina - Chapel Hill	3,671,351	32	11	3,432,911	31	10
Public	University of North Dakota	284,804	281	113	278,583	280	112
Private	University of Notre Dame	11,268,365	10	7	10,727,653	12	9
Public	University of Oklahoma - HSC	565,500	183	72	570,988	177	68
Public	University of Oklahoma - Norman	1,384,500	79	31	1,164,539	89	35
Public	University of Oregon	1,131,111	95	39	912,512	118	47
Private	University of Pennsylvania	14,649,762	6	6	13,777,441	6	6
Public	University of Pittsburgh - Pittsburgh	4,311,387	28	8	4,200,206	27	8
Public	University of Rhode Island	149,154	441	164	139,578	448	163
Private	University of Rochester	2,239,720	47	31	2,177,868	46	30
Public	Univ. of South Carolina - Columbia	713,376	153	56	761,784	138	50
Public	University of South Florida - Tampa	513,545	199	81	480,427	203	83
Private	University of Southern California	5,732,101	22	18	5,549,556	20	16
Public	University of Tennessee - Knoxville	750,492	145	54	709,776	152	56
Public	University of Texas - Austin	13,817,599	7	1	13,750,233	7	1
Public	University of Texas - El Paso	267,894	288	117	262,396	287	117
Public	University of Texas HSC - Houston	552,060	189	76	528,594	191	77
Public	Univ. of Texas HSC - San Antonio	617,388	173	65	592,869	173	66
Public	U. of Texas MD Anderson Cancer Ctr.	1,405,649	76	29	1,393,379	71	26
Public	U. of Texas Med. Branch - Galveston	612,641	175	67	573,320	176	67
Public	U. of Texas SW Medical Ctr. - Dallas	2,007,032	53	19	1,990,654	52	18
Public	University of Utah	1,225,045	89	36	1,186,952	86	32
Public	University of Vermont	566,714	182	71	554,985	183	71
Public	University of Virginia	7,058,235	17	4	6,856,309	17	4

## The Top American Research Universities

2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank	2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank
453,268	199	79	665,001	135	49	707,437	131	48
265,087	273	109	237,528	278	109	239,603	276	109
321,559	246	98	287,188	244	97	302,121	239	97
1,659,338	60	20	1,489,991	60	20	1,530,658	59	21
1,397,658	67	22	1,259,309	67	23	1,263,043	67	23
1,248,665	76	28	1,150,623	75	27	1,170,313	73	26
363,672	222	88	345,852	218	87	330,089	224	89
1,285,114	72	26	1,117,852	78	28	1,142,722	77	27
719,001	138	51	715,689	125	47	844,288	103	39
304,542	254	101	270,832	257	102	280,878	253	100
289,659	264	103	254,733	266	105	256,008	269	105
87,532	569	200	78,101	586	203	75,752	568	199
518,808	179	70	466,075	184	73	482,628	175	69
323,759	244	96	287,213	243	96	303,984	238	96
204,717	326	127	183,435	328	130	194,251	319	127
948,579	103	62	844,643	102	62	887,329	96	60
10,936,014	8	2	9,743,461	9	3	9,952,113	9	2
3,493,641	29	9	3,280,681	29	9	3,297,460	29	9
970,162	100	40	869,566	99	39	857,471	100	38
186,285	348	137	167,307	350	138	172,756	347	137
958,039	102	41	869,874	98	38	906,156	94	36
254,949	281	112	223,753	285	115	226,077	282	114
338,894	236	93	302,698	238	94	306,587	235	94
363,202	223	89	330,131	223	90	346,926	217	87
423,496	207	85	393,240	202	83	403,670	203	82
3,027,227	33	12	2,889,679	31	10	2,988,806	32	11
265,616	272	108	230,461	282	113	230,600	279	112
9,352,376	12	9	8,374,083	12	9	8,566,952	12	9
541,406	172	66	516,920	168	63	456,907	181	73
1,104,778	87	33	1,003,434	85	31	1,066,117	82	28
828,459	120	46	758,692	117	45	719,111	127	46
12,213,202	6	6	10,715,364	7	6	10,133,569	8	7
3,945,687	27	8	3,524,904	26	8	3,588,775	25	7
128,520	455	165	124,629	434	160	131,655	409	154
2,121,390	44	29	1,927,573	43	28	2,050,199	43	28
724,535	137	50	655,469	139	50	625,186	148	53
442,033	203	82	395,324	201	82	417,415	197	81
5,130,520	20	16	4,608,717	19	15	4,709,511	20	16
659,489	150	54	597,475	153	55	608,873	150	55
11,867,843	7	1	10,935,781	6	1	10,507,795	6	1
241,666	285	116	218,880	288	117	217,286	290	118
385,822	216	87	336,086	222	89	306,094	236	95
550,950	170	64	486,652	174	68	476,632	177	71
1,317,622	70	25	1,212,099	69	24	1,200,742	70	24
539,846	173	67	533,972	165	61	531,562	165	62
1,819,970	53	19	1,684,130	50	18	1,620,501	55	19
1,127,686	84	30	1,071,926	80	29	1,023,004	85	29
521,867	178	69	467,702	182	72	453,653	183	74
6,393,561	17	4	5,852,309	17	4	6,180,515	17	4

Endowment Assets							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2019 National Rank	2019 Control Rank	2018 Endowment Assets x \$1000	2018 National Rank	2018 Control Rank
Public	University of Washington - Seattle	2,935,220	36	14	2,764,166	36	14
Public	University of Wisconsin - Madison	3,553,672	33	12	3,365,989	32	11
Public	University of Wyoming	531,547	193	77	550,909	185	73
Public	Utah State University	402,862	223	89	375,424	231	91
Private	Vanderbilt University	6,270,877	20	16	4,608,461	24	18
Public	Virginia Commonwealth University	2,042,520	52	18	1,951,337	54	19
Public	Virginia Polytechnic Inst. and St. U.	1,357,969	81	32	1,146,055	91	37
Private	Wake Forest University	1,375,398	80	49	1,339,003	77	48
Public	Washington State Univ. - Pullman	1,067,842	104	42	1,024,380	100	40
Private	Washington University in St. Louis	7,953,986	15	12	7,594,159	15	12
Public	Wayne State University	394,509	227	91	376,467	229	90
Private	Weill Cornell Medical College	1,522,808	69	45	1,597,894	67	45
Public	West Virginia University	589,835	177	68	593,085	172	65
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	97,080	573	209	92,847	577	205
Private	Yale University	30,314,800	2	2	29,351,100	2	2
Private	Yeshiva University	665,001	163	105	647,619	161	103

## The Top American Research Universities

2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank	2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank
2,529,250	36	14	2,237,511	36	14	3,076,226	30	10
3,101,888	31	10	2,739,728	32	11	2,792,622	33	12
500,299	186	72	458,486	185	74	481,469	176	70
358,965	225	90	325,287	226	91	314,668	231	92
4,136,465	25	18	3,795,586	24	18	4,133,542	22	18
1,843,001	52	18	1,559,874	58	19	1,638,147	54	18
995,807	96	37	842,991	103	41	817,759	106	41
1,205,323	78	50	1,141,211	77	50	1,167,400	75	49
974,029	99	39	907,828	96	36	885,777	97	37
7,130,514	15	12	7,056,593	13	10	6,818,748	15	12
339,467	235	92	301,470	240	95	307,569	234	93
1,459,674	65	44	1,233,303	68	45	1,276,986	66	44
566,426	168	62	511,384	169	64	533,599	164	61
85,798	575	202	82,862	557	196	88,661	514	182
27,176,100	2	2	25,408,600	2	2	25,572,100	2	2
657,569	152	97	625,931	145	94	680,327	137	89

## The Top American Research Universities

Annual Giving							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Annual Giving x \$1000	2019 National Rank	2019 Control Rank	2018 Annual Giving x \$1000	2018 National Rank	2018 Control Rank
Public	Arizona State University	266,131	36	17	206,024	40	20
Public	Auburn University	96,605	96	60	120,435	73	45
Public	Augusta University	13,656	365	181	13,159	383	185
Private	Baylor College of Medicine	44,086	166	68	57,654	128	51
Private	Boston University	170,862	50	24	158,458	55	24
Private	Brown University	239,379	39	21	233,812	37	20
Private	California Institute of Technology	240,241	38	20	236,010	35	19
Private	Carnegie Mellon University	150,237	59	28	145,694	63	26
Private	Case Western Reserve University	112,286	81	31	113,012	79	31
Public	Clemson University	94,260	97	61	103,855	87	55
Public	Cleveland State University	14,276	354	175	16,910	312	161
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	47,548	154	92	79,063	106	65
Private	Columbia University	668,002	7	5	1,009,762	3	3
Private	Cornell University	358,077	25	16	410,909	19	13
Private	Dartmouth College	279,890	33	19	272,619	31	16
Private	Drexel University	55,737	138	54	86,782	98	39
Private	Duke University	507,090	16	12	516,890	12	9
Private	Emory University	513,958	15	11	252,223	33	18
Public	Florida International University	39,763	174	102	34,639	197	112
Public	Florida State University	92,895	100	62	82,281	103	62
Public	George Mason University	97,695	94	59	68,556	120	74
Private	George Washington University	113,273	79	30	76,683	112	43
Private	Georgetown University	172,119	49	23	153,404	56	25
Public	Georgia Institute of Technology	132,774	68	40	140,439	64	38
Public	Georgia State University	25,790	228	127	36,273	183	105
Private	Harvard University	1,378,968	2	2	1,418,702	1	1
Private	Icahn School of Med. at Mount Sinai	168,366	51	25	124,788	70	27
Public	Indiana University - Bloomington	236,740	40	19	243,443	34	16
Public	Iowa State University	122,717	71	43	168,921	51	28
Private	Johns Hopkins University	2,665,590	1	1	723,599	6	4
Public	Kansas State University	105,237	87	54	106,979	85	54
Public	Louisiana State Univ. - Baton Rouge	111,593	82	51	110,268	81	50
Private	Massachusetts Inst. of Technology	594,564	11	8	469,933	16	12
Private	Medical College of Wisconsin	42,907	168	69	17,039	310	151
Public	Medical University of South Carolina	43,318	167	99	61,089	123	77
Public	Michigan State University	177,728	47	25	180,918	45	25
Public	Mississippi State University	103,050	89	56	80,588	104	63
Public	Montana State University - Bozeman	37,137	183	108	29,266	217	119
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	13,554	366	182	11,811	413	197
Public	New Mexico State Univ. - Las Cruces	16,884	310	161	17,309	308	159
Private	New York University	517,771	14	10	502,407	14	11
Public	North Carolina State University	158,539	53	27	165,054	53	30
Private	Northeastern University	82,655	108	42	48,254	146	59
Private	Northwestern University	390,138	23	15	397,113	20	14
Public	Ohio State University - Columbus	406,588	21	8	436,974	17	5
Public	Oklahoma State University - Stillwater	71,089	116	71	85,240	100	60
Public	Oregon Health & Science University	136,236	66	38	148,906	58	33



## The Top American Research Universities

2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank	2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank
179,604	42	20	140,417	60	34	130,775	61	32
104,418	81	51	118,477	70	42	106,353	82	48
13,483	356	179	11,544	375	185	12,151	348	164
70,927	114	43	77,605	100	38	61,656	119	44
157,478	50	23	156,941	50	23	140,393	56	26
241,987	32	17	207,725	34	19	187,754	37	21
235,882	34	18	182,869	41	21	161,929	47	23
155,209	51	24	155,302	51	24	139,563	57	27
113,767	74	29	158,323	48	22	132,826	58	28
85,795	101	62	90,623	91	57	81,861	103	63
14,959	333	170	11,802	370	182	17,732	266	130
60,531	128	79	42,798	155	92	41,342	154	92
603,077	8	8	584,809	6	5	552,682	6	5
621,155	7	7	427,089	15	11	434,465	17	14
216,825	38	21	227,038	32	18	218,832	32	19
68,965	116	45	60,905	122	44	88,916	95	38
581,051	10	10	506,441	10	8	472,008	11	9
218,501	37	20	192,700	38	20	228,034	31	18
37,504	177	102	27,820	202	113	23,312	212	110
77,268	112	70	75,413	103	65	68,634	112	70
66,474	119	73	67,940	113	73	53,164	128	80
95,034	93	37	101,391	77	32	248,030	28	16
143,251	58	25	153,384	52	25	172,452	43	22
119,142	72	44	129,304	64	38	119,118	73	42
32,908	189	108	25,164	215	117	16,074	290	146
1,283,740	1	1	1,187,530	1	1	1,045,872	2	2
98,578	87	33	120,327	68	28	109,733	78	33
276,434	27	11	195,908	37	18	211,471	34	15
175,453	46	24	90,148	93	58	105,512	83	49
636,911	5	5	657,293	4	4	582,675	5	4
84,883	104	64	96,626	86	52	98,094	88	53
121,572	67	39	147,998	55	30	130,763	62	33
672,939	3	3	419,752	16	12	439,404	16	13
38,743	169	71	19,028	267	132	20,907	230	112
47,569	145	89	44,310	154	91	31,498	178	103
199,928	39	18	176,131	43	22	131,499	60	31
89,521	97	60	69,763	108	68	56,857	125	78
89,511	98	61	21,161	249	130	13,299	331	161
11,725	394	193	0	978	499	8,821	443	199
16,826	302	155	16,539	306	155	16,568	282	142
567,121	11	11	461,150	12	9	439,662	15	12
147,125	56	32	129,948	63	37	119,150	72	41
125,342	63	27	56,292	134	51	59,857	122	46
344,299	20	14	401,679	17	13	536,831	8	7
401,850	19	6	386,112	18	5	359,798	21	6
98,640	86	54	98,781	82	49	77,009	104	64
175,675	45	23	156,961	49	27	141,018	55	30

## The Top American Research Universities

Annual Giving							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Annual Giving x \$1000	2019 National Rank	2019 Control Rank	2018 Annual Giving x \$1000	2018 National Rank	2018 Control Rank
Public	Oregon State University	112,749	80	50	109,726	82	51
Public	Penn. State Univ. - Hershey Med. Ctr.	39,180	176	103	53,311	139	84
Public	Pennsylvania State Univ. - Univ. Park	153,738	55	28	205,747	41	21
Private	Princeton University	326,263	27	17	269,924	32	17
Public	Purdue University - West Lafayette	190,858	44	22	192,303	44	24
Private	Rensselaer Polytechnic Institute	57,776	132	50	45,185	152	61
Private	Rice University	160,405	52	26	114,496	77	29
Private	Rockefeller University	101,644	90	34	70,811	117	45
Private	Rush University	11,352	403	207	16,534	318	154
Public	Rutgers University - New Brunswick	152,940	56	29	159,477	54	31
Private	Scripps Research Institute						
Private	Stanford University	1,112,229	3	3	1,097,061	2	2
Public	St. Univ. of NY - Polytechnic Institute	568	901	464	342	933	478
Public	Stony Brook University	68,501	118	73	52,223	142	85
Public	Temple University	66,149	121	75	76,685	111	69
Public	Texas A&M Univ. - College Station	287,998	31	13	305,657	26	11
Private	Thomas Jefferson University	93,490	99	38	56,281	133	53
Private	Tufts University	85,612	106	41	70,564	118	46
Private	Tulane University	109,091	85	33	103,705	88	33
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	9,660	448	211	9,161	473	215
Public	University at Buffalo	58,842	130	81	55,829	135	82
Public	University of Alabama - Birmingham	90,237	101	63	78,934	107	66
Public	University of Alabama - Huntsville	1,949	799	377	2,851	761	335
Public	University of Alaska - Fairbanks	36,720	184	109	35,317	189	108
Public	University of Arizona	244,738	37	18	277,938	28	13
Public	University of Arkansas - Fayetteville	136,604	65	37	221,916	39	19
Public	Univ. of Arkansas for Med. Sciences	19,840	281	145	19,908	268	139
Public	University of California - Berkeley	550,602	12	4	419,366	18	6
Public	University of California - Davis	182,539	46	24	172,062	49	26
Public	University of California - Irvine	115,600	77	48	203,370	42	22
Public	University of California - Los Angeles	733,013	4	1	786,651	4	1
Public	University of California - Riverside	23,776	241	133	23,011	249	133
Public	University of California - San Diego	289,034	30	12	280,002	27	12
Public	Univ. of California - San Francisco	622,751	10	3	730,268	5	2
Public	Univ. of California - Santa Barbara	182,898	45	23	92,563	96	59
Public	University of California - Santa Cruz	31,070	200	114	38,038	178	102
Public	University of Central Florida	56,841	136	84	39,060	169	99
Private	University of Chicago	535,050	13	9	576,038	11	8
Public	University of Cincinnati - Cincinnati	115,042	78	49	120,086	74	46
Public	University of Colorado - Boulder	136,225	67	39	148,257	60	35
Public	U. of Colorado - Denver/Anschutz Med.	175,877	48	26	167,184	52	29
Public	University of Connecticut - Health Ctr.	5,200	612	266	5,218	620	266
Public	University of Connecticut - Storrs	55,552	139	85	49,705	144	86
Private	University of Dayton	27,671	218	99	34,768	195	85
Public	University of Delaware	64,419	123	77	48,165	147	88
Public	University of Florida	289,665	29	11	339,867	25	10
Public	University of Georgia	142,504	62	34	170,352	50	27
Public	University of Hawaii - Manoa	45,942	162	97	42,970	155	93

## The Top American Research Universities

2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank	2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank
92,755	94	57	97,101	85	51	99,318	87	52
34,781	184	105	35,472	173	99	35,023	171	100
148,864	55	31	147,570	56	31	155,658	50	26
303,394	24	15	267,876	27	16	549,840	7	6
152,638	53	29	151,217	53	28	172,219	44	22
46,571	148	59	37,798	167	72	38,364	164	68
98,158	88	34	102,977	76	31	122,186	67	30
18,357	278	136	67,659	115	41	18,562	262	133
6,375	554	312	3,070	727	424	3,689	681	402
113,555	75	46	118,493	69	41	127,846	63	34
1,129,330	2	2	951,149	2	2	1,625,036	1	1
1,028	927	432	0	978	499	549	920	446
53,224	135	84	76,704	101	63	86,687	98	59
67,339	118	72	62,254	119	77	58,792	124	77
290,458	25	10	276,475	25	11	255,179	26	11
52,137	140	53	56,821	133	50	38,809	162	67
103,248	82	31	60,405	124	45	62,131	118	43
86,033	100	39	98,919	81	33	88,422	96	39
11,409	401	195	9,122	432	200	9,439	419	191
36,919	179	104	36,219	170	97	30,565	184	105
81,250	108	67	88,043	95	59	76,612	106	65
2,884	785	337	2,297	792	342	2,032	803	348
24,561	234	121	27,865	201	112	26,959	195	107
219,929	36	17	186,870	40	20	190,184	36	16
83,555	105	65	76,693	102	64	97,619	90	54
20,958	256	132	24,655	220	119	16,815	273	134
404,588	18	5	348,865	20	6	366,116	20	5
163,088	49	27	129,224	65	39	185,840	38	17
97,056	92	56	73,657	106	67	66,617	114	72
550,934	13	2	498,800	11	3	473,205	10	2
25,586	227	117	24,369	224	120	16,985	272	133
240,076	33	16	206,873	35	16	171,059	46	24
422,172	17	4	595,940	5	1	608,580	4	1
145,824	57	33	101,177	78	46	63,413	116	74
38,313	172	99	69,052	112	72	24,831	202	109
33,043	188	107	22,427	237	128	32,779	176	102
483,470	14	12	443,305	13	10	443,792	13	10
106,272	77	48	162,076	45	24	119,700	71	40
134,126	62	36	160,445	46	25	151,553	52	27
178,660	43	21	106,963	73	44	171,102	45	23
4,748	636	267	6,747	519	228	8,475	451	202
52,458	137	86	65,620	117	76	40,751	156	94
37,840	174	74	21,668	246	117	28,219	189	84
43,001	156	92	56,843	132	83	44,896	147	89
267,350	29	13	243,666	30	14	215,580	33	14
163,545	48	26	133,881	62	36	104,108	84	50
49,665	143	88	42,209	157	93	90,650	93	56

## The Top American Research Universities

<b>Annual Giving</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Annual Giving x \$1000	2019 National Rank	2019 Control Rank	2018 Annual Giving x \$1000	2018 National Rank	2018 Control Rank
Public	University of Houston - Univ. Park	89,416	104	65	98,061	90	57
Public	University of Idaho	30,747	203	115	29,486	215	117
Public	University of Illinois - Chicago	55,212	140	86	57,134	129	78
Public	Univ. of Illinois - Urbana-Champaign	215,212	42	20	233,316	38	18
Public	University of Iowa	144,574	61	33	135,616	65	39
Public	University of Kansas - Lawrence	208,245	43	21	146,788	62	37
Public	University of Kansas Medical Center	49,740	151	91	39,019	170	100
Public	University of Kentucky	130,982	69	41	149,327	57	32
Public	University of Louisville	77,321	112	69	79,121	105	64
Public	University of Maine - Orono	28,374	217	119	25,151	231	123
Public	University of Maryland - Baltimore	75,305	114	70	57,074	130	79
Public	Univ. of Maryland - Baltimore County	15,739	327	165	14,756	351	176
Public	University of Maryland - College Park	152,798	57	30	124,853	69	43
Public	Univ. of Massachusetts - Amherst	41,175	171	101	40,530	166	98
Public	Univ. of Mass. Med. Sch. - Worcester	35,709	189	111	35,953	185	106
Private	University of Miami	294,135	28	18	180,100	46	21
Public	University of Michigan - Ann Arbor	500,987	17	5	490,035	15	4
Public	University of Minnesota - Twin Cities	373,210	24	9	367,442	22	8
Public	University of Missouri - Columbia	100,290	91	57	147,709	61	36
Public	University of Montana - Missoula	46,711	157	94	41,397	161	96
Public	University of Nebraska - Lincoln	107,651	86	53	117,989	75	47
Public	Univ. of Nebraska Medical Center	117,117	76	47	96,300	92	58
Public	University of Nevada - Reno	46,212	160	96	43,455	154	92
Public	Univ. of New Hampshire - Durham	25,989	224	124	25,000	232	124
Public	Univ. of New Mexico - Albuquerque	60,157	127	79	75,639	113	70
Public	Univ. of North Carolina - Chapel Hill	412,669	20	7	374,534	21	7
Public	University of North Dakota	26,644	222	122	24,385	237	126
Private	University of Notre Dame	444,877	18	13	502,771	13	10
Public	University of Oklahoma - HSC	17,174	309	160	11,922	412	196
Public	University of Oklahoma - Norman	119,126	74	46	107,297	84	53
Public	University of Oregon	279,154	35	16	193,186	43	23
Private	University of Pennsylvania	626,235	9	7	717,529	7	5
Public	University of Pittsburgh - Pittsburgh	142,451	63	35	130,049	67	41
Public	University of Rhode Island	30,709	205	117	24,189	238	127
Private	University of Rochester	117,629	75	29	113,327	78	30
Public	Univ. of South Carolina - Columbia	104,246	88	55	110,419	80	49
Public	University of South Florida - Tampa	65,533	122	76	56,208	134	81
Private	University of Southern California	687,363	6	4	649,971	9	6
Public	University of Tennessee - Knoxville	109,536	84	52	103,170	89	56
Public	University of Texas - Austin	423,913	19	6	357,950	23	9
Public	University of Texas - El Paso	13,176	372	186	18,544	291	149
Public	University of Texas HSC - Houston	58,347	131	82	56,482	131	80
Public	Univ. of Texas HSC - San Antonio	68,798	117	72	42,085	158	94
Public	U. of Texas MD Anderson Cancer Ctr.	137,227	64	36	148,283	59	34
Public	U. of Texas Med. Branch - Galveston	60,679	126	78	69,410	119	73
Public	Univ. of Texas SW Med. Ctr. - Dallas	147,421	60	32	115,719	76	48
Public	University of Utah	279,746	34	15	234,016	36	17
Public	University of Vermont	45,710	163	98	41,776	160	95
Public	University of Virginia	342,867	26	10	275,712	29	14

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2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank	2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank
109,231	76	47	98,449	83	50	95,602	91	55
22,343	244	128	16,842	305	154	19,358	254	126
56,597	131	82	53,815	137	85	62,590	117	75
198,897	40	19	159,693	47	26	177,235	40	19
137,193	61	35	192,262	39	19	159,532	48	25
137,330	60	34	149,771	54	29	176,704	42	21
34,333	185	106	37,443	168	96	44,176	148	90
119,920	70	42	163,919	44	23	118,190	74	43
90,820	95	58	85,186	97	60	86,309	100	61
18,118	282	143	19,362	263	134	21,682	221	115
62,651	126	78	57,911	129	82	69,153	109	67
12,258	382	188	13,788	340	167	7,663	476	212
115,151	73	45	146,044	57	32	122,694	66	37
63,084	124	76	32,805	183	106	35,327	170	99
6,413	550	242	7,550	487	216	8,328	458	204
221,706	35	19	236,334	31	17	193,809	35	20
456,132	15	3	433,776	14	4	394,310	18	4
326,158	21	7	332,851	22	8	344,303	22	7
119,526	71	43	113,079	71	43	108,689	79	46
30,737	199	112	25,987	210	115	31,417	179	104
104,678	80	50	100,542	79	47	177,321	39	18
106,010	78	49	91,702	89	55	89,054	94	57
57,084	130	81	69,521	109	69	100,048	85	51
24,510	235	122	14,372	332	163	9,605	413	188
90,227	96	59	66,077	116	75	68,992	110	68
325,932	22	8	308,694	24	10	301,177	25	10
31,447	195	109	27,965	198	111	9,284	427	194
451,433	16	13	371,762	19	14	379,869	19	15
42,763	157	93	69,440	110	70	64,872	115	73
260,220	30	14	252,996	28	12	252,475	27	12
177,447	44	22	136,295	61	35	145,109	54	29
626,485	6	6	542,851	7	6	517,198	9	8
121,564	68	40	127,155	66	40	124,602	65	36
21,435	250	131	15,788	318	159	17,563	267	131
97,233	91	36	107,297	72	29	108,217	80	34
174,208	47	25	94,103	87	53	113,506	76	44
52,986	136	85	45,583	152	89	59,903	121	76
668,332	4	4	666,641	3	3	653,025	3	3
98,124	89	55	91,456	90	56	119,749	70	39
304,294	23	9	345,992	21	7	310,212	24	9
17,592	290	149	19,194	265	135	16,668	279	140
53,566	134	83	55,453	135	84	46,346	144	87
65,776	121	75	40,458	160	94	42,764	151	91
149,750	54	30	208,482	33	15	176,908	41	20
40,071	166	96	44,659	153	90	41,039	155	93
121,379	69	41	181,153	42	21	149,243	53	28
153,527	52	28	201,854	36	17	126,244	64	35
41,020	163	95	61,407	121	78	40,458	157	95
268,407	28	12	245,392	29	13	233,218	30	13

Annual Giving		2019	2019	2019	2018	2018	2018
Institutions with Over \$40 Million in Federal Research, Alphabetically		Annual Giving x \$1000	National Rank	Control Rank	Annual Giving x \$1000	National Rank	Control Rank
Public	University of Washington - Seattle	711,063	5	2	681,053	8	3
Public	University of Wisconsin - Madison	284,393	32	14	274,966	30	15
Public	University of Wyoming	36,632	185	110	47,933	148	89
Public	Utah State University	37,242	182	107	29,318	216	118
Private	Vanderbilt University	226,809	41	22	173,651	48	23
Public	Virginia Commonwealth University	82,365	109	67	71,054	116	72
Public	Virginia Polytechnic Inst. and St. U.	119,795	73	45	132,907	66	40
Private	Wake Forest University	110,854	83	32	178,098	47	22
Public	Washington State Univ. - Pullman	98,680	93	58	85,128	101	61
Private	Washington University in St. Louis	406,133	22	14	346,973	24	15
Public	Wayne State University	50,499	150	90	77,076	110	68
Private	Weill Cornell Medical College	75,234	115	45	96,386	91	34
Public	West Virginia University	122,060	72	44	108,376	83	52
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	6,360	555	244	9,078	475	216
Private	Yale University	657,109	8	6	585,947	10	7
Private	Yeshiva University	31,379	198	85	33,176	206	93

## The Top American Research Universities

2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank	2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank
553,891	12	1	541,444	8	2	447,021	12	3
258,645	31	15	318,828	23	9	330,454	23	8
37,130	178	103	49,374	141	86	48,390	140	83
38,751	168	98	34,359	180	104	52,076	130	81
193,581	41	22	143,605	58	26	121,909	69	31
57,270	129	80	69,180	111	71	67,256	113	71
122,042	65	37	100,057	80	48	86,391	99	60
105,164	79	30	88,787	94	36	99,763	86	35
82,555	107	66	103,845	75	45	106,370	81	47
281,491	26	16	269,877	26	15	246,714	29	17
77,544	111	69	60,708	123	79	47,983	141	84
122,348	64	28	85,207	96	37	156,176	49	24
100,497	83	52	74,882	105	66	110,384	77	45
7,697	505	229	17,658	286	145	7,164	496	219
595,886	9	9	519,146	9	7	440,807	14	11
41,343	161	68	39,298	165	71	59,420	123	47

National Academy Membership		2019	2019	2019	2018	2018	2018
Institutions with Over \$40 Million in Federal Research, Alphabetically		National Academy Membership	National Rank	Control Rank	National Academy Membership	National Rank	Control Rank
Public	Arizona State University	24	50	27	21	57	30
Public	Auburn University	1	159	97	1	159	97
Public	Augusta University	0	233	145	0	230	142
Private	Baylor College of Medicine	23	54	25	22	54	27
Private	Boston University	21	59	28	20	59	28
Private	Brown University	24	50	24	24	50	24
Private	California Institute of Technology	116	13	9	113	12	8
Private	Carnegie Mellon University	41	31	18	39	31	18
Private	Case Western Reserve University	20	60	29	20	59	28
Public	Clemson University	3	124	74	2	139	83
Public	Cleveland State University	0	233	145	0	230	142
Private	Cold Spring Harbor Laboratory	6	99	39	5	105	42
Public	Colorado State Univ. - Fort Collins	10	78	44	9	82	46
Private	Columbia University	144	5	4	141	5	4
Private	Cornell University	69	19	12	64	20	12
Private	Dartmouth College	15	63	31	14	67	31
Private	Drexel University	6	99	39	7	95	38
Private	Duke University	73	17	11	70	19	11
Private	Emory University	33	39	20	33	37	19
Public	Florida International University	3	124	74	3	122	74
Public	Florida State University	8	90	54	8	87	51
Public	George Mason University	2	140	84	2	139	83
Private	George Washington University	10	78	35	11	73	34
Private	Georgetown University	11	74	34	10	75	35
Public	Georgia Institute of Technology	35	34	16	34	35	17
Public	Georgia State University	0	233	145	0	230	142
Private	Harvard University	428	1	1	408	1	1
Private	Icahn School of Med. at Mount Sinai	25	49	23	24	50	24
Public	Indiana University - Bloomington	16	62	32	15	64	34
Public	Iowa State University	8	90	54	10	75	41
Private	Johns Hopkins University	120	10	8	112	13	9
Public	Kansas State University	1	159	97	1	159	97
Public	Louisiana State Univ. - Baton Rouge	3	124	74	3	122	74
Private	Massachusetts Inst. of Technology	283	3	3	276	3	3
Private	Medical College of Wisconsin	2	140	57	2	139	57
Public	Medical University of South Carolina	4	116	70	3	122	74
Public	Michigan State University	15	63	33	15	64	34
Public	Mississippi State University	1	159	97	1	159	97
Public	Montana State University - Bozeman	2	140	84	2	139	83
Public	Naval Postgraduate School	2	140	84	2	139	83
Public	New Jersey Institute of Technology	1	159	97	1	159	97
Public	New Mexico State Univ. - Las Cruces	1	159	97	1	159	97
Private	New York University	60	21	13	57	21	13
Public	North Carolina State University	24	50	27	24	50	27
Private	Northeastern University	5	107	43	5	105	42
Private	Northwestern University	53	23	15	49	26	16
Public	Ohio State University - Columbus	33	39	20	31	41	21
Public	Oklahoma State University - Stillwater	3	124	74	3	122	74
Public	Oregon Health & Science University	13	69	38	10	75	41



# The Top American Research Universities

2017 National Academy Membership	2017 National Rank	2017 Control Rank	2016 National Academy Membership	2016 National Rank	2016 Control Rank	2015 National Academy Membership	2015 National Rank	2015 Control Rank
22	56	29	22	53	28	22	55	29
1	161	97	1	162	98	1	163	100
0	228	141	0	224	138	0	221	136
25	49	24	25	50	24	24	50	24
19	61	30	19	61	30	20	58	28
23	52	26	21	56	28	22	55	27
114	12	8	114	11	8	112	12	8
44	29	18	43	28	17	39	31	18
22	56	28	22	53	26	20	58	28
2	137	83	2	136	81	2	142	87
0	228	141	0	224	138	0	221	136
6	100	42	5	103	42	5	104	43
8	86	49	8	87	50	9	77	41
133	6	4	136	5	4	134	6	4
63	20	12	63	20	12	62	20	12
16	62	31	16	62	31	15	62	31
8	86	38	8	87	38	7	92	39
70	17	10	67	19	11	66	19	11
33	35	19	31	38	20	32	35	20
2	137	83	2	136	81	1	163	100
8	86	49	8	87	50	7	92	54
2	137	83	2	136	81	2	142	87
11	72	34	11	71	35	12	68	33
10	75	37	9	78	37	9	77	37
31	39	19	31	38	19	31	38	18
0	228	141	0	224	138	0	221	136
401	1	1	382	1	1	371	1	1
23	52	26	20	59	29	17	61	30
15	64	33	13	67	36	8	84	47
10	75	39	9	78	42	8	84	47
107	14	9	101	14	9	97	15	9
1	161	97	1	162	98	1	163	100
3	120	74	2	136	81	3	119	73
271	3	3	267	3	3	268	3	3
3	120	47	3	120	48	3	119	47
3	120	74	2	136	81	3	119	73
15	64	33	14	63	32	13	65	34
1	161	97	1	162	98	1	163	100
1	161	97	1	162	98	0	221	136
3	120	74	3	120	73	3	119	73
1	161	97	1	162	98	1	163	100
0	228	141	0	224	138	0	221	136
58	21	13	56	22	13	59	21	13
22	56	29	21	56	29	20	58	31
3	120	47	3	120	48	3	119	47
45	28	17	42	29	18	43	28	17
32	36	17	33	35	16	32	35	16
3	120	74	3	120	73	3	119	73
10	75	39	10	74	38	10	73	37

National Academy Membership							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Academy Membership	2019 National Rank	2019 Control Rank	2018 National Academy Membership	2018 National Rank	2018 Control Rank
Public	Oregon State University	4	116	70	4	116	70
Public	Penn. State Univ. - Hershey Med. Ctr.	3	124	74	2	139	83
Public	Pennsylvania State Univ. - Univ. Park	30	42	22	27	47	25
Private	Princeton University	124	9	7	126	9	7
Public	Purdue University - West Lafayette	28	45	24	28	44	23
Private	Rensselaer Polytechnic Institute	7	95	38	7	95	38
Private	Rice University	22	56	26	24	50	24
Private	Rockefeller University	51	25	16	52	24	15
Private	Rush University	3	124	51	3	122	49
Public	Rutgers University - New Brunswick	38	32	14	35	33	15
Private	Scripps Research Institute	30	42	21	30	42	21
Private	Stanford University	336	2	2	338	2	2
Public	State Univ. of NY - Polytechnic Inst.	0	233	145	0	230	142
Public	Stony Brook University	14	66	35	14	67	37
Public	Temple University	5	107	65	5	105	64
Public	Texas A&M Univ. - College Station	45	28	12	44	30	13
Private	Thomas Jefferson University	4	116	47	3	122	49
Private	Tufts University	8	90	37	8	87	37
Private	Tulane University	3	124	51	3	122	49
Public	Uniformed Services Univ. of the HS	3	124	74	3	122	74
Public	University at Albany	1	159	97	1	159	97
Public	University at Buffalo	7	95	58	8	87	51
Public	University of Alabama - Birmingham	8	90	54	7	95	58
Public	University of Alabama - Huntsville	1	159	97	1	159	97
Public	University of Alaska - Fairbanks	1	159	97	1	159	97
Public	University of Arizona	32	41	21	32	40	20
Public	University of Arkansas - Fayetteville	4	116	70	4	116	70
Public	Univ. of Arkansas for Med. Sciences	1	159	97	1	159	97
Public	University of California - Berkeley	237	4	1	227	4	1
Public	University of California - Davis	48	27	11	48	27	11
Public	University of California - Irvine	35	34	16	34	35	17
Public	University of California - Los Angeles	109	14	5	106	14	5
Public	University of California - Riverside	11	74	41	10	75	41
Public	University of California - San Diego	119	12	4	117	11	4
Public	Univ. of California - San Francisco	140	6	2	136	6	2
Public	Univ. of California - Santa Barbara	53	23	9	53	23	9
Public	University of California - Santa Cruz	12	71	39	10	75	41
Public	University of Central Florida	6	99	61	6	102	61
Private	University of Chicago	75	16	10	72	17	10
Public	University of Cincinnati - Cincinnati	8	90	54	8	87	51
Public	University of Colorado - Boulder	34	37	19	33	37	19
Public	U. of Colorado - Denver/Anschutz Med.	14	66	35	16	62	32
Public	Univ. of Connecticut - Health Center	3	124	74	5	105	64
Public	University of Connecticut - Storrs	1	159	97	1	159	97
Private	University of Dayton	0	233	89	0	230	89
Public	University of Delaware	9	83	47	9	82	46
Public	University of Florida	27	46	25	28	44	23
Public	University of Georgia	9	83	47	8	87	51
Public	University of Hawaii - Manoa	11	74	41	11	73	40

# The Top American Research Universities

2017 National Academy Membership	2017 National Rank	2017 Control Rank	2016 National Academy Membership	2016 National Rank	2016 Control Rank	2015 National Academy Membership	2015 National Rank	2015 Control Rank
4	113	70	5	103	62	5	104	62
2	137	83	2	136	81	2	142	87
27	45	23	28	43	23	27	43	22
125	8	6	126	7	5	120	7	5
27	45	23	28	43	23	27	43	22
7	96	39	7	94	39	7	92	39
24	50	25	24	51	25	25	48	23
54	24	14	51	24	14	51	24	14
3	120	47	3	120	48	2	142	56
36	32	14	36	32	14	39	31	14
29	42	21	27	46	22	26	46	22
342	2	2	340	2	2	320	2	2
0	228	141	0	224	138	0	221	136
14	66	35	14	63	32	14	63	32
5	104	62	5	103	62	4	111	68
38	31	13	32	36	17	27	43	22
3	120	47	4	111	44	4	111	44
11	72	34	12	70	34	11	70	34
2	137	55	2	136	56	1	163	64
4	113	70	4	111	68	4	111	68
1	161	97	1	162	98	2	142	87
7	96	58	8	87	50	8	84	47
8	86	49	7	94	56	8	84	47
1	161	97	1	162	98	0	221	136
1	161	97	2	136	81	2	142	87
30	41	21	29	41	21	31	38	18
3	120	74	3	120	73	3	119	73
1	161	97	1	162	98	1	163	100
227	4	1	230	4	1	230	4	1
47	26	11	46	27	11	45	27	11
31	39	19	30	40	20	31	38	18
102	15	6	100	15	6	101	14	6
8	86	49	9	78	42	8	84	47
118	9	3	119	8	3	117	8	3
134	5	2	133	6	2	135	5	2
56	22	9	58	21	9	56	22	9
10	75	39	9	78	42	10	73	37
5	104	62	1	162	98	1	163	100
70	17	10	70	17	10	69	17	10
8	86	49	8	87	50	8	84	47
32	36	17	29	41	21	30	41	21
14	66	35	14	63	32	14	63	32
5	104	62	4	111	68	4	111	68
1	161	97	1	162	98	1	163	100
0	228	88	0	224	87	0	221	86
8	86	49	8	87	50	7	92	54
29	42	22	26	49	26	25	48	26
8	86	49	7	94	56	6	99	58
10	75	39	10	74	38	10	73	37

National Academy Membership							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019	2019	2019	2018	2018	2018
		National Academy Membership	National Rank	Control Rank	National Academy Membership	National Rank	Control Rank
Public	University of Houston - Univ. Park	15	63	33	15	64	34
Public	University of Idaho	1	159	97	0	230	142
Public	University of Illinois - Chicago	6	99	61	6	102	61
Public	Univ. of Illinois - Urbana-Champaign	50	26	10	51	25	10
Public	University of Iowa	23	54	30	22	54	28
Public	University of Kansas - Lawrence	5	107	65	5	105	64
Public	University of Kansas Medical Center	2	140	84	2	139	83
Public	University of Kentucky	2	140	84	2	139	83
Public	University of Louisville	1	159	97	1	159	97
Public	University of Maine - Orono	1	159	97	1	159	97
Public	University of Maryland - Baltimore	9	83	47	8	87	51
Public	Univ. of Maryland - Baltimore County	1	159	97	1	159	97
Public	University of Maryland - College Park	27	46	25	22	54	28
Public	Univ. of Massachusetts - Amherst	9	83	47	8	87	51
Public	Univ. of Mass. Med. Sch. - Worcester	9	83	47	9	82	46
Private	University of Miami	12	71	33	13	69	32
Public	University of Michigan - Ann Arbor	120	10	3	118	10	3
Public	University of Minnesota - Twin Cities	45	28	12	45	28	12
Public	University of Missouri - Columbia	10	78	44	9	82	46
Public	University of Montana - Missoula	1	159	97	0	230	142
Public	University of Nebraska - Lincoln	1	159	97	2	139	83
Public	University of Nebraska Medical Ctr.	1	159	97	1	159	97
Public	University of Nevada - Reno	2	140	84	2	139	83
Public	Univ. of New Hampshire - Durham	1	159	97	1	159	97
Public	Univ. of New Mexico - Albuquerque	5	107	65	5	105	64
Public	Univ. of North Carolina - Chapel Hill	38	32	14	37	32	14
Public	University of North Dakota	0	233	145	0	230	142
Private	University of Notre Dame	3	124	51	3	122	49
Public	University of Oklahoma - HSC	1	159	97	1	159	97
Public	University of Oklahoma - Norman	0	233	145	0	230	142
Public	University of Oregon	11	74	41	12	72	39
Private	University of Pennsylvania	136	7	5	130	7	5
Public	University of Pittsburgh - Pittsburgh	29	44	23	29	43	22
Public	University of Rhode Island	1	159	97	1	159	97
Private	University of Rochester	19	61	30	20	59	28
Public	Univ. of South Carolina - Columbia	1	159	97	1	159	97
Public	University of South Florida - Tampa	10	78	44	10	75	41
Private	University of Southern California	44	30	17	45	28	17
Public	University of Tennessee - Knoxville	7	95	58	7	95	58
Public	University of Texas - Austin	69	19	8	75	16	7
Public	University of Texas - El Paso	0	233	145	0	230	142
Public	University of Texas HSC - Houston	6	99	61	5	105	64
Public	Univ. of Texas HSC - San Antonio	6	99	61	6	102	61
Public	U. of Texas MD Anderson Cancer Ctr.	14	66	35	16	62	32
Public	U. of Texas Med. Branch - Galveston	2	140	84	4	116	70
Public	U. of Texas SW Medical Ctr. - Dallas	35	34	16	35	33	15
Public	University of Utah	24	50	27	25	49	26
Public	University of Vermont	2	140	84	1	159	97
Public	University of Virginia	22	56	31	21	57	30

# The Top American Research Universities

2017 National Academy Membership	2017 National Rank	2017 Control Rank	2016 National Academy Membership	2016 National Rank	2016 Control Rank	2015 National Academy Membership	2015 National Rank	2015 Control Rank
14	66	35	10	74	38	9	77	41
0	228	141	0	224	138	0	221	136
6	100	59	6	99	59	6	99	58
55	23	10	56	22	10	56	22	9
20	60	31	20	59	31	22	55	29
5	104	62	5	103	62	5	104	62
2	137	83	2	136	81	3	119	73
2	137	83	2	136	81	3	119	73
1	161	97	2	136	81	2	142	87
1	161	97	1	162	98	1	163	100
9	82	45	9	78	42	9	77	41
1	161	97	1	162	98	0	221	136
24	50	26	27	46	25	26	46	25
8	86	49	9	78	42	7	92	54
8	86	49	7	94	56	7	92	54
12	71	33	13	67	32	11	70	34
118	9	3	113	12	4	108	13	5
43	30	12	41	30	12	41	29	12
9	82	45	9	78	42	9	77	41
0	228	141	0	224	138	0	221	136
2	137	83	3	120	73	3	119	73
1	161	97	1	162	98	1	163	100
2	137	83	2	136	81	2	142	87
0	228	141	0	224	138	0	221	136
5	104	62	5	103	62	5	104	62
36	32	14	38	31	13	38	33	15
0	228	141	0	224	138	0	221	136
4	113	44	4	111	44	4	111	44
1	161	97	1	162	98	1	163	100
1	161	97	1	162	98	1	163	100
10	75	39	9	78	42	9	77	41
127	7	5	118	9	6	117	8	6
27	45	23	32	36	17	32	35	16
2	137	83	2	136	81	2	142	87
22	56	28	22	53	26	24	50	24
1	161	97	0	224	138	1	163	100
10	75	39	8	87	50	8	84	47
46	27	16	48	25	15	50	25	15
6	100	59	6	99	59	5	104	62
69	19	8	70	17	8	69	17	8
0	228	141	0	224	138	0	221	136
5	104	62	4	111	68	3	119	73
5	104	62	5	103	62	5	104	62
16	62	32	11	71	37	12	68	36
3	120	74	3	120	73	3	119	73
36	32	14	36	32	14	40	30	13
23	52	27	21	56	29	23	54	28
2	137	83	2	136	81	2	142	87
23	52	27	23	52	27	24	50	27

**National Academy Membership**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Academy Membership	2019 National Rank	2019 Control Rank	2018 National Academy Membership	2018 National Rank	2018 Control Rank
Public	University of Washington - Seattle	104	15	6	104	15	6
Public	University of Wisconsin - Madison	71	18	7	72	17	8
Public	University of Wyoming	2	140	84	2	139	83
Public	Utah State University	1	159	97	0	230	142
Private	Vanderbilt University	34	37	19	33	37	19
Public	Virginia Commonwealth University	7	95	58	7	95	58
Public	Virginia Polytechnic Inst. and St. U.	12	71	39	13	69	38
Private	Wake Forest University	6	99	39	7	95	38
Public	Washington State Univ. - Pullman	9	83	47	9	82	46
Private	Washington University in St. Louis	56	22	14	57	21	13
Public	Wayne State University	3	124	74	3	122	74
Private	Weill Cornell Medical College	22	56	26	26	48	23
Public	West Virginia University	2	140	84	2	139	83
Private	Woods Hole Oceanographic Inst.	3	124	51	3	122	49
Public	Wright State University - Dayton	0	233	145	1	159	97
Private	Yale University	129	8	6	127	8	6
Private	Yeshiva University	13	69	32	13	69	32

2017 National Academy Membership	2017 National Rank	2017 Control Rank	2016 National Academy Membership	2016 National Rank	2016 Control Rank	2015 National Academy Membership	2015 National Rank	2015 Control Rank
111	13	5	110	13	5	115	10	4
75	16	7	77	16	7	77	16	7
2	137	83	2	136	81	2	142	87
0	228	141	0	224	138	0	221	136
32	36	20	34	34	19	36	34	19
6	100	59	6	99	59	6	99	58
14	66	35	14	63	32	13	65	34
7	96	39	6	99	41	7	92	39
9	82	45	9	78	42	9	77	41
53	25	15	48	25	15	46	26	16
3	120	74	3	120	73	3	119	73
27	45	23	28	43	21	28	42	21
2	137	83	2	136	81	2	142	87
2	137	55	3	120	48	3	119	47
1	161	97	1	162	98	1	163	100
118	9	7	117	10	7	114	11	7
13	70	32	13	67	32	13	65	32

## The Top American Research Universities

<b>Faculty Awards</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Faculty Awards	2019 National Rank	2019 Control Rank	2018 Faculty Awards	2018 National Rank	2018 Control Rank
Public	Arizona State University	28	17	8	13	55	35
Public	Auburn University	3	160	108	3	155	109
Public	Augusta University	0	490	291	0	481	291
Private	Baylor College of Medicine	3	160	53	6	101	37
Private	Boston University	14	52	21	11	61	23
Private	Brown University	16	43	17	9	74	27
Private	California Institute of Technology	10	75	27	15	44	19
Private	Carnegie Mellon University	12	62	23	16	41	18
Private	Case Western Reserve University	12	62	23	9	74	27
Public	Clemson University	8	91	61	10	66	42
Public	Cleveland State University	1	280	175	3	155	109
Private	Cold Spring Harbor Laboratory	3	160	53	1	274	96
Public	Colorado State Univ. - Fort Collins	14	52	32	10	66	42
Private	Columbia University	41	6	3	24	21	11
Private	Cornell University	23	25	11	34	6	3
Private	Dartmouth College	13	57	22	12	58	21
Private	Drexel University	12	62	23	11	61	23
Private	Duke University	22	28	14	21	26	13
Private	Emory University	15	47	19	14	49	20
Public	Florida International University	11	68	43	5	112	74
Public	Florida State University	14	52	32	15	44	26
Public	George Mason University	10	75	49	3	155	109
Private	George Washington University	9	83	29	10	66	25
Private	Georgetown University	6	108	34	2	193	64
Public	Georgia Institute of Technology	17	39	23	22	23	12
Public	Georgia State University	3	160	108	5	112	74
Private	Harvard University	76	1	1	80	1	1
Private	Icahn School of Med. at Mount Sinai	10	75	27	6	101	37
Public	Indiana University - Bloomington	10	75	49	10	66	42
Public	Iowa State University	12	62	40	15	44	26
Private	Johns Hopkins University	23	25	11	29	11	6
Public	Kansas State University	5	119	83	6	101	65
Public	Louisiana State Univ. - Baton Rouge	4	131	90	3	155	109
Private	Massachusetts Inst. of Technology	30	11	6	29	11	6
Private	Medical College of Wisconsin	1	280	106	0	481	190
Public	Medical University of South Carolina	2	208	132	1	274	179
Public	Michigan State University	19	36	20	20	29	16
Public	Mississippi State University	2	208	132	2	193	130
Public	Montana State University - Bozeman	5	119	83	6	101	65
Public	Naval Postgraduate School	0	490	291	0	481	291
Public	New Jersey Institute of Technology	4	131	90	5	112	74
Public	New Mexico State Univ. - Las Cruces	0	490	291	3	155	109
Private	New York University	29	15	9	31	9	4
Public	North Carolina State University	20	31	16	18	34	21
Private	Northeastern University	11	68	26	18	34	14
Private	Northwestern University	30	11	6	25	18	10
Public	Ohio State University - Columbus	13	57	36	25	18	9
Public	Oklahoma State University - Stillwater	6	108	75	2	193	130
Public	Oregon Health & Science University	6	108	75	7	92	59



# The Top American Research Universities

2017 Faculty Awards	2017 National Rank	2017 Control Rank	2016 Faculty Awards	2016 National Rank	2016 Control Rank	2015 Faculty Awards	2015 National Rank	2015 Control Rank
25	21	9	19	28	15	23	24	10
3	149	99	5	101	66	3	144	92
0	488	296	0	460	272	0	473	284
7	87	34	4	121	44	6	98	33
13	44	18	10	58	22	16	40	18
14	43	17	16	35	16	20	29	16
17	37	16	8	69	27	16	40	18
9	69	27	16	35	16	13	49	24
10	60	24	12	51	21	11	58	26
9	69	43	5	101	66	3	144	92
0	488	296	0	460	272	2	178	115
2	187	64	1	246	89	2	178	64
5	113	75	4	121	78	11	58	33
31	13	9	25	15	6	34	8	4
29	16	10	20	25	12	30	12	7
9	69	27	9	63	25	6	98	33
4	125	42	5	101	36	5	110	39
27	18	12	25	15	6	30	12	7
12	48	20	18	30	14	19	33	17
2	187	124	3	142	93	13	49	26
10	60	37	9	63	39	9	76	48
5	113	75	3	142	93	5	110	72
10	60	24	8	69	27	14	45	21
8	78	31	2	178	64	4	127	45
19	32	18	19	28	15	21	27	12
5	113	75	5	101	66	2	178	115
75	1	1	66	1	1	84	1	1
5	113	39	5	101	36	6	98	33
20	28	15	16	35	20	15	42	23
11	54	33	7	81	51	6	98	66
28	17	11	21	21	9	33	9	5
7	87	54	7	81	51	2	178	115
6	102	66	3	142	93	5	110	72
43	6	3	33	8	4	41	5	3
0	488	191	0	460	187	0	473	190
1	270	178	1	246	158	1	263	166
13	44	27	12	51	31	11	58	33
0	488	296	1	246	158	4	127	83
3	149	99	3	142	93	2	178	115
0	488	296	1	246	158	0	473	284
4	125	84	3	142	93	0	473	284
2	187	124	2	178	115	6	98	66
20	28	14	18	30	14	27	22	13
19	32	18	20	25	14	11	58	33
12	48	20	9	63	25	14	45	21
36	10	7	25	15	6	33	9	5
20	28	15	21	21	13	17	38	21
0	488	296	3	142	93	3	144	92
9	69	43	4	121	78	8	85	56

## The Top American Research Universities

<b>Faculty Awards</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Faculty Awards	2019 National Rank	2019 Control Rank	2018 Faculty Awards	2018 National Rank	2018 Control Rank
Public	Oregon State University	12	62	40	7	92	59
Public	Penn. State Univ. - Hershey Med. Ctr.	3	160	108	2	193	130
Public	Pennsylvania State Univ. - Univ. Park	30	11	6	22	23	12
Private	Princeton University	30	11	6	27	14	8
Public	Purdue University - West Lafayette	28	17	8	16	41	24
Private	Rensselaer Polytechnic Institute	5	119	37	4	128	40
Private	Rice University	5	119	37	4	128	40
Private	Rockefeller University	5	119	37	10	66	25
Private	Rush University	0	490	200	0	481	190
Public	Rutgers University - New Brunswick	17	39	23	18	34	21
Private	Scripps Research Institute	7	97	32	9	74	27
Private	Stanford University	51	3	2	52	2	2
Public	State Univ. of NY - Polytechnic Inst.	0	490	291	0	481	291
Public	Stony Brook University	10	75	49	7	92	59
Public	Temple University	8	91	61	7	92	59
Public	Texas A&M Univ. - College Station	21	29	15	14	49	30
Private	Thomas Jefferson University	4	131	42	3	155	47
Private	Tufts University	3	160	53	3	155	47
Private	Tulane University	5	119	37	7	92	34
Public	Uniformed Services Univ. of the HS	0	490	291	0	481	291
Public	University at Albany	7	97	66	3	155	109
Public	University at Buffalo	15	47	29	9	74	48
Public	University of Alabama - Birmingham	1	280	175	4	128	89
Public	University of Alabama - Huntsville	0	490	291	0	481	291
Public	University of Alaska - Fairbanks	2	208	132	4	128	89
Public	University of Arizona	11	68	43	15	44	26
Public	University of Arkansas - Fayetteville	7	97	66	11	61	39
Public	Univ. of Arkansas for Med. Sciences	1	280	175	0	481	291
Public	University of California - Berkeley	45	5	3	36	4	2
Public	University of California - Davis	29	15	7	19	31	18
Public	University of California - Irvine	17	39	23	21	26	14
Public	University of California - Los Angeles	27	19	10	32	8	5
Public	University of California - Riverside	11	68	43	16	41	24
Public	University of California - San Diego	26	21	11	34	6	4
Public	Univ. of California - San Francisco	24	24	14	13	55	35
Public	Univ. of California - Santa Barbara	16	43	27	6	101	65
Public	University of California - Santa Cruz	8	91	61	11	61	39
Public	University of Central Florida	11	68	43	5	112	74
Private	University of Chicago	27	19	10	22	23	12
Public	University of Cincinnati - Cincinnati	9	83	55	5	112	74
Public	University of Colorado - Boulder	19	36	20	13	55	35
Public	U. of Colorado - Denver/Anschutz Med.	7	97	66	5	112	74
Public	University of Connecticut - Health Ctr.	2	208	132	2	193	130
Public	University of Connecticut - Storrs	15	47	29	14	49	30
Private	University of Dayton	1	280	106	0	481	190
Public	University of Delaware	4	131	90	5	112	74
Public	University of Florida	13	57	36	14	49	30
Public	University of Georgia	13	57	36	10	66	42
Public	University of Hawaii - Manoa	9	83	55	8	82	52

# The Top American Research Universities

2017 Faculty Awards	2017 National Rank	2017 Control Rank	2016 Faculty Awards	2016 National Rank	2016 Control Rank	2015 Faculty Awards	2015 National Rank	2015 Control Rank
7	87	54	10	58	37	5	110	72
2	187	124	2	178	115	2	178	115
24	22	10	22	19	11	19	33	17
40	7	4	20	25	12	22	26	15
12	48	29	27	12	7	19	33	17
2	187	64	4	121	44	5	110	39
7	87	34	8	69	27	6	98	33
9	69	27	7	81	31	7	90	31
0	488	191	0	460	187	0	473	190
16	41	25	12	51	31	20	29	14
8	78	31	10	58	22	8	85	30
62	2	2	48	2	2	56	2	2
0	488	296	0	460	272	0	473	284
8	78	48	8	69	43	10	67	40
8	78	48	5	101	66	10	67	40
8	78	48	8	69	43	14	45	25
0	488	191	0	460	187	1	263	98
8	78	31	8	69	27	6	98	33
5	113	39	6	92	34	4	127	45
0	488	296	2	178	115	2	178	115
3	149	99	2	178	115	4	127	83
11	54	33	6	92	59	6	98	66
2	187	124	3	142	93	0	473	284
2	187	124	0	460	272	2	178	115
2	187	124	0	460	272	2	178	115
12	48	29	13	46	27	9	76	48
4	125	84	5	101	66	4	127	83
0	488	296	0	460	272	0	473	284
44	5	3	36	5	3	45	3	1
10	60	37	14	45	26	12	54	30
22	27	14	15	41	22	20	29	14
30	14	5	22	19	11	29	19	8
17	37	22	12	51	31	7	90	60
30	14	5	25	15	10	29	19	8
18	34	20	28	9	5	31	11	5
7	87	54	8	69	43	12	54	30
6	102	66	8	69	43	8	85	56
7	87	54	8	69	43	7	90	60
33	12	8	21	21	9	25	23	14
6	102	66	13	46	27	10	67	40
18	34	20	16	35	20	21	27	12
4	125	84	7	81	51	5	110	72
2	187	124	2	178	115	3	144	92
10	60	37	15	41	22	9	76	48
1	270	93	0	460	187	0	473	190
11	54	33	4	121	78	9	76	48
17	37	22	15	41	22	23	24	10
10	60	37	9	63	39	6	98	66
6	102	66	5	101	66	4	127	83

## The Top American Research Universities

<b>Faculty Awards</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019	2019	2019	2018	2018	2018
		Faculty Awards	National Rank	Control Rank	Faculty Awards	National Rank	Control Rank
Public	University of Houston - Univ. Park	6	108	75	10	66	42
Public	University of Idaho	5	119	83	2	193	130
Public	University of Illinois - Chicago	7	97	66	9	74	48
Public	Univ. of Illinois - Urbana-Champaign	32	8	4	35	5	3
Public	University of Iowa	11	68	43	9	74	48
Public	University of Kansas - Lawrence	9	83	55	4	128	89
Public	University of Kansas Medical Center	2	208	132	1	274	179
Public	University of Kentucky	14	52	32	8	82	52
Public	University of Louisville	2	208	132	4	128	89
Public	University of Maine - Orono	2	208	132	4	128	89
Public	University of Maryland - Baltimore	3	160	108	4	128	89
Public	Univ. of Maryland - Baltimore County	2	208	132	2	193	130
Public	University of Maryland - College Park	17	39	23	19	31	18
Public	Univ. of Massachusetts - Amherst	20	31	16	15	44	26
Public	Univ. of Mass. Med. Sch. - Worcester	9	83	55	8	82	52
Private	University of Miami	6	108	34	4	128	40
Public	University of Michigan - Ann Arbor	56	2	1	38	3	1
Public	University of Minnesota - Twin Cities	31	9	5	25	18	9
Public	University of Missouri - Columbia	9	83	55	5	112	74
Public	University of Montana - Missoula	2	208	132	1	274	179
Public	University of Nebraska - Lincoln	10	75	49	17	39	23
Public	University of Nebraska Medical Ctr.	1	280	175	1	274	179
Public	University of Nevada - Reno	10	75	49	4	128	89
Public	Univ. of New Hampshire - Durham	4	131	90	2	193	130
Public	Univ. of New Mexico - Albuquerque	14	52	32	10	66	42
Public	Univ. of North Carolina - Chapel Hill	26	21	11	28	13	6
Public	University of North Dakota	0	490	291	2	193	130
Private	University of Notre Dame	15	47	19	9	74	27
Public	University of Oklahoma - HSC	1	280	175	1	274	179
Public	University of Oklahoma - Norman	4	131	90	8	82	52
Public	University of Oregon	7	97	66	12	58	38
Private	University of Pennsylvania	41	6	3	30	10	5
Public	University of Pittsburgh - Pittsburgh	20	31	16	21	26	14
Public	University of Rhode Island	4	131	90	2	193	130
Private	University of Rochester	16	43	17	18	34	14
Public	Univ. of South Carolina - Columbia	6	108	75	5	112	74
Public	University of South Florida - Tampa	13	57	36	14	49	30
Private	University of Southern California	23	25	11	17	39	17
Public	University of Tennessee - Knoxville	12	62	40	14	49	30
Public	University of Texas - Austin	19	36	20	27	14	7
Public	University of Texas - El Paso	1	280	175	2	193	130
Public	University of Texas HSC - Houston	1	280	175	1	274	179
Public	Univ. of Texas HSC - San Antonio	1	280	175	0	481	291
Public	U. of Texas MD Anderson Cancer Ctr.	5	119	83	7	92	59
Public	U. of Texas Med. Branch - Galveston	0	490	291	1	274	179
Public	Univ. of Texas SW Med. Ctr. - Dallas	7	97	66	11	61	39
Public	University of Utah	15	47	29	20	29	16
Public	University of Vermont	5	119	83	7	92	59
Public	University of Virginia	20	31	16	8	82	52

# The Top American Research Universities

2017 Faculty Awards	2017 National Rank	2017 Control Rank	2016 Faculty Awards	2016 National Rank	2016 Control Rank	2015 Faculty Awards	2015 National Rank	2015 Control Rank
7	87	54	7	81	51	4	127	83
3	149	99	3	142	93	2	178	115
12	48	29	11	56	35	11	58	33
35	11	4	38	4	2	30	12	6
7	87	54	9	63	39	10	67	40
8	78	48	4	121	78	11	58	33
1	270	178	0	460	272	0	473	284
9	69	43	7	81	51	10	67	40
6	102	66	1	246	158	5	110	72
1	270	178	1	246	158	1	263	166
4	125	84	2	178	115	3	144	92
7	87	54	3	142	93	2	178	115
15	42	26	13	46	27	20	29	14
13	44	27	8	69	43	17	38	21
10	60	37	11	56	35	12	54	30
10	60	24	5	101	36	7	90	31
54	3	1	48	2	1	42	4	2
26	20	8	27	12	7	35	7	4
7	87	54	7	81	51	9	76	48
6	102	66	4	121	78	2	178	115
7	87	54	8	69	43	3	144	92
1	270	178	0	460	272	0	473	284
3	149	99	2	178	115	0	473	284
2	187	124	6	92	59	3	144	92
11	54	33	9	63	39	10	67	40
24	22	10	28	9	5	19	33	17
1	270	178	0	460	272	2	178	115
23	26	13	16	35	16	14	45	21
1	270	178	1	246	158	0	473	284
2	187	124	4	121	78	9	76	48
7	87	54	8	69	43	11	58	33
40	7	4	34	7	3	30	12	7
24	22	10	17	33	18	13	49	26
4	125	84	3	142	93	2	178	115
9	69	27	5	101	36	12	54	25
12	48	29	5	101	66	9	76	48
10	60	37	13	46	27	13	49	26
18	34	15	21	21	9	30	12	7
8	78	48	17	33	18	8	85	56
24	22	10	18	30	17	19	33	17
0	488	296	0	460	272	1	263	166
4	125	84	1	246	158	2	178	115
1	270	178	0	460	272	0	473	284
2	187	124	2	178	115	3	144	92
0	488	296	0	460	272	0	473	284
9	69	43	12	51	31	13	49	26
7	87	54	15	41	22	10	67	40
5	113	75	5	101	66	5	110	72
20	28	15	7	81	51	15	42	23

Faculty Awards							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Faculty Awards	2019 National Rank	2019 Control Rank	2018 Faculty Awards	2018 National Rank	2018 Control Rank
Public	University of Washington - Seattle	46	4	2	27	14	7
Public	University of Wisconsin - Madison	26	21	11	24	21	11
Public	University of Wyoming	3	160	108	4	128	89
Public	Utah State University	6	108	75	8	82	52
Private	Vanderbilt University	21	29	15	18	34	14
Public	Virginia Commonwealth University	7	97	66	6	101	65
Public	Virginia Polytechnic Inst. and St. U.	16	43	27	19	31	18
Private	Wake Forest University	4	131	42	5	112	39
Public	Washington State Univ. - Pullman	11	68	43	9	74	48
Private	Washington University in St. Louis	20	31	16	12	58	21
Public	Wayne State University	5	119	83	5	112	74
Private	Weill Cornell Medical College	7	97	32	4	128	40
Public	West Virginia University	9	83	55	6	101	65
Private	Woods Hole Oceanographic Inst.	0	490	200	0	481	190
Public	Wright State University - Dayton	1	280	175	1	274	179
Private	Yale University	31	9	5	27	14	8
Private	Yeshiva University	3	160	53	7	92	34

2017 Faculty Awards	2017 National Rank	2017 Control Rank	2016 Faculty Awards	2016 National Rank	2016 Control Rank	2015 Faculty Awards	2015 National Rank	2015 Control Rank
49	4	2	35	6	4	39	6	3
27	18	7	27	12	7	30	12	6
6	102	66	1	246	158	3	144	92
8	78	48	7	81	51	3	144	92
11	54	22	13	46	20	15	42	20
6	102	66	2	178	115	6	98	66
17	37	22	6	92	59	10	67	40
4	125	42	3	142	50	3	144	53
6	102	66	10	58	37	7	90	60
13	44	18	16	35	16	29	19	12
4	125	84	3	142	93	5	110	72
11	54	22	10	58	22	10	67	28
5	113	75	5	101	66	8	85	56
0	488	191	0	460	187	1	263	98
1	270	178	2	178	115	1	263	166
37	9	6	28	9	5	30	12	7
3	149	51	4	121	44	5	110	39

## The Top American Research Universities

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Doctorates	2019 National Rank	2019 Control Rank	2018 Doctorates	2018 National Rank	2018 Control Rank
Public	Arizona State University	714	17	14	692	17	13
Public	Auburn University	244	88	64	253	85	59
Public	Augusta University	31	331	192	35	311	187
Private	Baylor College of Medicine	129	148	47	100	173	57
Private	Boston University	491	35	12	535	30	11
Private	Brown University	225	97	28	208	100	30
Private	California Institute of Technology	207	104	30	191	107	33
Private	Carnegie Mellon University	322	68	18	322	66	19
Private	Case Western Reserve University	207	104	30	219	97	28
Public	Clemson University	243	89	65	232	92	66
Public	Cleveland State University	47	276	169	46	276	170
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	263	80	59	250	86	60
Private	Columbia University	576	22	6	669	18	5
Private	Cornell University	531	29	10	540	29	10
Private	Dartmouth College	100	177	60	81	204	73
Private	Drexel University	223	98	29	231	94	27
Private	Duke University	551	25	7	669	18	5
Private	Emory University	246	87	24	276	78	22
Public	Florida International University	215	101	72	200	105	73
Public	Florida State University	422	44	29	422	44	29
Public	George Mason University	293	77	56	300	71	52
Private	George Washington University	240	91	26	265	79	23
Private	Georgetown University	123	157	52	131	143	43
Public	Georgia Institute of Technology	526	31	21	530	32	21
Public	Georgia State University	273	79	58	259	83	57
Private	Harvard University	771	9	2	750	11	3
Private	Icahn School of Med. at Mount Sinai	32	327	136	49	265	100
Public	Indiana University - Bloomington	504	34	23	500	36	25
Public	Iowa State University	416	46	31	416	47	32
Private	Johns Hopkins University	537	28	9	591	24	8
Public	Kansas State University	207	104	75	180	113	79
Public	Louisiana State Univ. - Baton Rouge	325	67	50	299	72	53
Private	Massachusetts Inst. of Technology	687	18	4	645	21	7
Private	Medical College of Wisconsin	33	324	134	32	320	129
Public	Medical University of South Carolina	150	131	92	163	121	85
Public	Michigan State University	562	24	18	553	26	18
Public	Mississippi State University	179	119	84	173	116	81
Public	Montana State University - Bozeman	74	217	139	71	215	138
Public	Naval Postgraduate School	10	497	253	12	464	242
Public	New Jersey Institute of Technology	56	253	157	73	213	137
Public	New Mexico State Univ. - Las Cruces	116	163	109	126	149	103
Private	New York University	430	40	13	435	42	14
Public	North Carolina State University	571	23	17	533	31	20
Private	Northeastern University	200	110	32	184	111	34
Private	Northwestern University	518	32	11	443	40	12
Public	Ohio State University - Columbus	886	2	1	855	3	3
Public	Oklahoma State University - Stillwater	231	94	67	243	90	64
Public	Oregon Health & Science University	38	309	183	54	252	157



# The Top American Research Universities

2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank	2015 Doctorates	2015 National Rank	2015 Control Rank
677	18	13	674	14	11	687	14	12
289	72	54	272	79	59	257	80	58
17	389	221	20	376	215	29	314	191
99	174	56	94	179	59	111	157	50
509	33	10	579	22	7	484	36	11
210	100	30	235	88	24	215	94	26
180	113	36	190	105	32	182	110	32
288	73	19	323	60	18	333	62	19
206	103	32	230	90	25	197	101	30
231	93	67	233	89	65	237	88	64
51	255	161	54	239	154	59	232	154
223	96	68	249	85	62	251	81	59
570	23	8	587	21	6	564	24	7
501	35	11	497	35	11	487	34	9
83	197	65	87	185	62	85	192	65
227	95	28	214	95	28	213	96	27
685	16	4	537	26	9	485	35	10
251	86	23	251	84	23	264	78	22
199	106	74	151	123	86	189	108	77
398	46	33	386	48	33	424	46	31
283	75	55	322	62	44	249	82	60
251	86	23	264	81	22	222	91	25
124	148	44	124	146	49	114	154	48
508	34	24	531	28	19	526	29	21
262	83	62	223	91	66	231	90	66
718	13	3	713	12	3	745	9	1
49	261	97	23	351	152	28	320	127
485	37	26	485	38	26	538	26	19
374	50	35	327	59	42	336	60	42
553	26	9	528	30	10	535	27	8
191	109	76	179	110	76	190	107	76
315	66	48	344	56	39	331	63	44
622	21	6	646	17	5	606	20	5
29	342	146	24	344	147	26	330	134
179	115	79	181	109	75	191	106	75
552	27	18	533	27	18	577	22	17
176	117	80	153	121	85	146	127	91
66	218	145	52	249	159	79	204	136
19	379	214	15	417	231	15	395	224
59	231	151	57	233	151	65	224	149
103	167	116	105	167	113	131	138	97
445	40	13	489	37	12	438	39	12
540	29	20	518	33	23	512	31	23
228	94	27	186	107	33	157	121	35
454	39	12	467	40	13	438	39	12
818	5	5	807	4	4	832	4	4
223	96	68	256	82	60	242	84	61
49	261	165	44	273	174	43	268	171

## The Top American Research Universities

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Doctorates	2019 National Rank	2019 Control Rank	2018 Doctorates	2018 National Rank	2018 Control Rank
Public	Oregon State University	296	75	55	249	87	61
Public	Penn. State Univ. - Hershey Med. Ctr.	24	360	206	37	301	181
Public	Pennsylvania State Univ. - Univ. Park	632	20	15	668	20	14
Private	Princeton University	398	49	16	396	49	16
Public	Purdue University - West Lafayette	730	15	12	745	12	9
Private	Rensselaer Polytechnic Institute	148	132	40	164	119	36
Private	Rice University	233	92	27	207	101	31
Private	Rockefeller University	30	335	142	30	328	137
Private	Rush University	17	418	188	14	437	207
Public	Rutgers University - New Brunswick	744	13	10	737	13	10
Private	Scripps Research Institute						
Private	Stanford University	770	10	3	726	14	4
Public	State Univ. of NY - Polytechnic Inst.	7	547	264	5	571	276
Public	Stony Brook University	367	56	40	311	68	49
Public	Temple University	250	84	62	217	98	70
Public	Texas A&M Univ. - College Station	774	8	7	758	10	8
Private	Thomas Jefferson University	31	331	140	15	424	197
Private	Tufts University	141	137	42	158	130	41
Private	Tulane University	125	155	50	130	144	44
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	129	148	102	172	117	82
Public	University at Buffalo	387	52	36	332	62	45
Public	University of Alabama - Birmingham	146	133	93	161	125	87
Public	University of Alabama - Huntsville	38	309	183	25	353	197
Public	University of Alaska - Fairbanks	37	312	185	55	246	154
Public	University of Arizona	448	38	26	451	39	28
Public	University of Arkansas - Fayetteville	209	103	74	204	103	71
Public	Univ. of Arkansas for Med. Sciences	27	345	199	42	287	174
Public	University of California - Berkeley	881	3	2	871	2	2
Public	University of California - Davis	546	27	19	562	25	17
Public	University of California - Irvine	407	48	33	380	53	37
Public	University of California - Los Angeles	733	14	11	721	15	11
Public	University of California - Riverside	293	77	56	305	70	51
Public	University of California - San Diego	528	30	20	515	33	22
Public	Univ. of California - San Francisco	131	145	100	135	139	98
Public	Univ. of California - Santa Barbara	327	66	49	361	55	39
Public	University of California - Santa Cruz	192	114	81	159	127	88
Public	University of Central Florida	251	83	61	277	77	56
Private	University of Chicago	423	43	15	439	41	13
Public	University of Cincinnati - Cincinnati	250	84	62	244	88	62
Public	University of Colorado - Boulder	409	47	32	407	48	33
Public	U. of Colorado - Denver/Anschutz Med.	206	107	76	128	146	102
Public	University of Connecticut - Health Ctr.	30	335	194	26	348	195
Public	University of Connecticut - Storrs	334	64	48	316	67	48
Private	University of Dayton	46	280	109	41	290	115
Public	University of Delaware	263	80	59	258	84	58
Public	University of Florida	750	12	9	772	7	7
Public	University of Georgia	488	36	24	546	28	19
Public	University of Hawaii - Manoa	206	107	76	204	103	71

# The Top American Research Universities

2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank	2015 Doctorates	2015 National Rank	2015 Control Rank
276	78	57	214	95	68	215	94	69
21	365	206	24	344	198	26	330	197
695	15	12	659	16	12	673	17	14
358	53	16	373	50	17	371	51	17
746	11	9	727	8	7	717	12	11
122	150	46	142	132	41	164	119	34
215	98	29	211	97	29	176	113	33
23	356	156	31	316	129	28	320	127
13	435	200	20	376	162	17	382	162
636	19	14	620	19	14	597	21	16
752	10	2	763	7	1	688	13	2
0	641	287	1	598	276	0	622	288
317	64	46	350	53	36	347	57	40
274	79	58	256	82	60	197	101	72
761	9	8	705	13	10	740	10	9
30	335	142	13	427	195	21	352	143
139	133	40	135	136	43	116	153	47
146	130	39	135	136	43	123	147	45
167	121	84	193	104	73	164	119	86
343	56	40	340	57	40	342	58	41
126	144	101	149	127	89	170	115	82
41	291	178	34	305	184	33	294	181
49	261	165	47	264	168	40	273	173
442	41	28	524	32	22	528	28	20
168	120	83	178	112	78	173	114	81
41	291	178	48	258	165	38	281	176
818	5	5	576	23	16	826	6	6
517	31	22	513	34	24	553	25	18
403	45	32	393	47	32	390	49	33
770	8	7	775	6	6	774	7	7
268	80	59	239	87	64	272	75	55
531	30	21	529	29	20	505	32	24
138	134	94	123	149	100	130	139	98
321	63	45	346	54	37	349	56	39
167	121	84	174	114	79	151	124	88
279	77	56	299	75	55	286	72	52
395	47	14	396	46	15	392	48	16
233	92	66	284	77	57	213	96	70
408	44	31	410	45	31	434	43	30
132	138	97	123	149	100	103	168	114
33	324	193	27	335	196	16	389	221
328	61	43	309	70	51	323	66	47
39	301	118	39	291	111	34	290	110
254	85	63	283	78	58	237	88	64
728	12	10	723	10	9	754	8	8
543	28	19	526	31	21	467	37	26
190	111	77	204	101	71	239	87	63

## The Top American Research Universities

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Doctorates	2019 National Rank	2019 Control Rank	2018 Doctorates	2018 National Rank	2018 Control Rank
Public	University of Houston - Univ. Park	346	59	43	389	51	35
Public	University of Idaho	54	257	160	47	274	169
Public	University of Illinois - Chicago	343	60	44	349	58	41
Public	Univ. of Illinois - Urbana-Champaign	814	7	6	816	5	5
Public	University of Iowa	418	45	30	452	38	27
Public	University of Kansas - Lawrence	317	70	51	325	64	47
Public	University of Kansas Medical Center	39	303	180	41	290	176
Public	University of Kentucky	337	63	47	309	69	50
Public	University of Louisville	165	124	88	164	119	84
Public	University of Maine - Orono	69	226	146	55	246	154
Public	University of Maryland - Baltimore	73	221	141	88	194	128
Public	Univ. of Maryland - Baltimore County	81	207	133	94	181	120
Public	University of Maryland - College Park	612	21	16	641	22	15
Public	Univ. of Massachusetts - Amherst	350	58	42	295	74	54
Public	Univ. of Mass. Med. Sch. - Worcester	52	262	162	68	224	143
Private	University of Miami	195	112	33	212	99	29
Public	University of Michigan - Ann Arbor	827	6	5	874	1	1
Public	University of Minnesota - Twin Cities	751	11	8	702	16	12
Public	University of Missouri - Columbia	426	42	28	501	34	23
Public	University of Montana - Missoula	51	264	163	39	295	179
Public	University of Nebraska - Lincoln	316	71	52	283	75	55
Public	University of Nebraska Medical Ctr.	74	217	139	65	230	148
Public	University of Nevada - Reno	123	157	106	134	140	99
Public	Univ. of New Hampshire - Durham	77	212	137	76	209	133
Public	Univ. of New Mexico - Albuquerque	220	99	70	198	106	74
Public	Univ. of North Carolina - Chapel Hill	514	33	22	501	34	23
Public	University of North Dakota	83	205	131	74	211	135
Private	University of Notre Dame	242	90	25	281	76	21
Public	University of Oklahoma - HSC	19	399	223	25	353	197
Public	University of Oklahoma - Norman	233	92	66	239	91	65
Public	University of Oregon	183	117	82	182	112	78
Private	University of Pennsylvania	548	26	8	551	27	9
Public	University of Pittsburgh - Pittsburgh	391	51	35	419	46	31
Public	University of Rhode Island	106	172	114	110	168	116
Private	University of Rochester	253	82	22	261	82	26
Public	Univ. of South Carolina - Columbia	431	39	27	388	52	36
Public	University of South Florida - Tampa	373	55	39	374	54	38
Private	University of Southern California	917	1	1	762	9	2
Public	University of Tennessee - Knoxville	383	53	37	393	50	34
Public	University of Texas - Austin	873	4	3	855	3	3
Public	University of Texas - El Paso	101	175	116	92	187	125
Public	University of Texas HSC - Houston	211	102	73	178	115	80
Public	Univ. of Texas HSC - San Antonio	42	291	173	48	269	167
Public	U. of Texas MD Anderson Cancer Ctr.						
Public	U. of Texas Med. Branch - Galveston	37	312	185	40	294	178
Public	Univ. of Texas SW Med. Ctr. - Dallas	99	180	119	78	207	132
Public	University of Utah	376	54	38	346	60	43
Public	University of Vermont	100	177	118	66	227	145
Public	University of Virginia	343	60	44	360	56	40

## The Top American Research Universities

2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank	2015 Doctorates	2015 National Rank	2015 Control Rank
358	53	38	358	51	34	326	64	45
54	243	156	69	210	139	80	201	134
370	51	36	346	54	37	314	68	49
827	2	2	726	9	8	829	5	5
464	38	27	468	39	27	453	38	27
310	68	50	314	67	48	365	53	36
43	281	173	22	360	207	25	336	199
326	62	44	313	69	50	295	69	50
158	124	87	147	128	90	170	115	82
58	234	152	60	226	147	69	216	143
88	185	126	67	213	141	81	199	132
88	185	126	82	193	129	100	170	116
567	24	16	592	20	15	654	18	15
307	69	51	298	76	56	268	76	56
57	235	153	64	220	145	61	230	152
209	101	31	216	93	26	208	98	28
820	4	4	848	3	3	882	2	2
702	14	11	804	5	5	725	11	10
500	36	25	416	43	30	435	42	29
56	237	154	66	214	142	50	253	163
299	71	53	307	71	52	325	65	46
70	213	141	86	187	125	81	199	132
117	155	106	130	140	96	109	158	108
62	227	149	66	214	142	75	211	140
195	108	75	200	103	72	222	91	67
566	25	17	542	24	17	519	30	22
91	180	123	76	202	135	87	187	125
239	90	26	216	93	26	244	83	23
44	278	171	29	325	190	29	314	191
213	99	70	210	98	69	218	93	68
200	105	73	159	118	83	199	100	71
589	22	7	540	25	8	566	23	6
416	43	30	461	41	28	438	39	28
100	171	117	97	175	118	93	181	122
249	88	25	301	74	20	267	77	21
317	64	46	317	65	46	358	54	37
332	60	42	314	67	48	321	67	48
679	17	5	714	11	2	685	16	3
381	48	34	356	52	35	353	55	38
827	2	2	896	1	1	899	1	1
106	163	112	78	198	132	124	144	100
132	138	97	113	161	110	153	123	87
43	281	173	59	228	148	66	223	148
49	261	165	52	249	159	39	278	174
98	176	120	98	173	117	88	186	124
339	57	41	331	58	41	384	50	34
69	214	142	78	198	132	79	204	136
361	52	37	315	66	47	366	52	35

Doctorates Awarded							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Doctorates	2019 National Rank	2019 Control Rank	2018 Doctorates	2018 National Rank	2018 Control Rank
Public	University of Washington - Seattle	729	16	13	633	23	16
Public	University of Wisconsin - Madison	829	5	4	805	6	6
Public	University of Wyoming	106	172	114	113	161	112
Public	Utah State University	113	169	113	99	177	117
Private	Vanderbilt University	319	69	19	324	65	18
Public	Virginia Commonwealth University	353	57	41	326	63	46
Public	Virginia Polytechnic Inst. and St. U.	469	37	25	472	37	26
Private	Wake Forest University	54	257	98	36	304	122
Public	Washington State Univ. - Pullman	312	72	53	336	61	44
Private	Washington University in St. Louis	302	73	20	262	81	25
Public	Wayne State University	216	100	71	223	95	68
Private	Weill Cornell Medical College	77	212	76	56	245	92
Public	West Virginia University	194	113	80	190	108	75
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	39	303	180	39	295	179
Private	Yale University	430	40	13	433	43	15
Private	Yeshiva University	91	193	67	101	172	56

2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank	2015 Doctorates	2015 National Rank	2015 Control Rank
624	20	15	632	18	13	687	14	12
876	1	1	870	2	2	857	3	3
106	163	112	99	171	116	93	181	122
95	177	121	94	179	121	102	169	115
337	58	17	322	62	19	340	59	18
306	70	52	306	72	53	282	73	53
516	32	23	492	36	25	488	33	25
64	222	76	58	230	81	53	248	89
315	66	48	322	62	44	281	74	54
288	73	19	266	80	21	292	70	20
268	80	59	222	92	67	242	84	61
54	243	88	58	230	81	68	220	74
239	90	65	210	98	69	183	109	78
50	258	162	51	252	162	32	298	183
375	49	15	411	44	14	426	45	15
102	168	52	152	122	37	96	177	59

Postdoctoral Appointees		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	Arizona State University	331	56	32	288	63	39
Public	Auburn University	67	147	97	70	143	94
Public	Augusta University	77	140	90	100	123	79
Private	Baylor College of Medicine	506	36	19	533	36	18
Private	Boston University	367	50	24	348	49	24
Private	Brown University	228	78	29	232	77	28
Private	California Institute of Technology	617	28	15	629	26	12
Private	Carnegie Mellon University	224	79	30	259	71	26
Private	Case Western Reserve University	189	92	34	191	93	34
Public	Clemson University	91	132	84	94	129	83
Public	Cleveland State University	4	293	196	4	293	195
Private	Cold Spring Harbor Laboratory	168	96	35	163	101	37
Public	Colorado State Univ. - Fort Collins	269	68	44	267	70	45
Private	Columbia University	1,294	6	5	1,272	6	5
Private	Cornell University	525	34	18	460	42	20
Private	Dartmouth College	151	101	37	168	99	35
Private	Drexel University	88	135	50	90	132	48
Private	Duke University	671	22	11	600	29	14
Private	Emory University	540	33	17	538	35	17
Public	Florida International University	242	73	46	222	82	54
Public	Florida State University	242	73	46	225	80	52
Public	George Mason University	36	183	126	30	189	130
Private	George Washington University	95	128	46	93	131	47
Private	Georgetown University	112	122	44	97	127	46
Public	Georgia Institute of Technology	373	49	26	289	62	38
Public	Georgia State University	93	131	83	87	133	85
Private	Harvard University	6,024	1	1	6,023	1	1
Private	Icahn School of Med. at Mount Sinai	676	21	10	668	21	9
Public	Indiana University - Bloomington	399	48	25	427	47	24
Public	Iowa State University	323	58	34	326	54	30
Private	Johns Hopkins University	1,786	3	3	1,768	3	3
Public	Kansas State University	133	111	71	197	92	59
Public	Louisiana State Univ. - Baton Rouge	132	112	72	126	113	73
Private	Massachusetts Inst. of Technology	1,413	4	4	1,423	4	4
Private	Medical College of Wisconsin	132	112	41	126	113	41
Public	Medical University of South Carolina	152	100	64	172	97	63
Public	Michigan State University	559	32	16	555	33	18
Public	Mississippi State University	46	166	112	48	162	110
Public	Montana State University - Bozeman	48	163	111	47	164	112
Public	Naval Postgraduate School	13	238	164	16	227	157
Public	New Jersey Institute of Technology	33	194	134	25	206	141
Public	New Mexico State Univ. - Las Cruces	26	206	143	24	210	145
Private	New York University	753	17	9	666	22	10
Public	North Carolina State University	499	37	18	517	37	19
Private	Northeastern University	154	98	36	164	100	36
Private	Northwestern University	920	15	8	989	15	8
Public	Ohio State University - Columbus	665	24	12	659	23	13
Public	Oklahoma State University - Stillwater	52	158	106	53	158	107
Public	Oregon Health & Science University	286	64	40	284	66	42



# The Top American Research Universities

2016 Postdocs	2016 National Rank	2016 Control Rank	2015 Postdocs	2015 National Rank	2015 Control Rank	2014 Postdocs	2014 National Rank	2014 Control Rank
251	73	45	257	71	42	253	68	42
55	155	104	40	175	121	40	175	121
166	98	64	159	98	64	188	91	57
522	36	19	537	37	19	594	31	16
328	58	24	421	46	23	444	45	23
305	60	25	252	74	30	244	71	27
601	32	16	552	35	18	552	34	18
220	83	31	193	90	33	215	81	30
261	71	28	271	66	27	190	90	34
86	134	87	77	140	92	65	144	95
4	300	201	3	310	208	3	314	211
151	104	38	143	104	36	153	104	38
249	74	46	254	73	44	297	63	37
1,219	8	5	1,249	7	5	1,274	6	5
444	45	22	502	39	21	466	39	21
176	95	34	204	87	32	222	78	28
85	135	48	93	130	46	74	140	49
587	33	17	584	31	15	656	23	11
641	23	10	642	24	11	674	20	9
211	90	59	75	142	94	64	146	97
218	86	55	202	88	56	211	83	53
44	171	115	44	168	115	33	186	130
99	127	46	111	119	42	94	133	47
104	123	44	109	120	43	127	116	40
284	64	39	237	77	47	217	80	51
73	140	91	76	141	93	76	139	91
5,873	1	1	5,674	1	1	5,761	1	1
635	25	11	643	23	10	670	21	10
404	47	25	365	50	27	144	108	69
308	59	35	299	59	35	331	55	32
1,697	3	3	1,679	3	3	1,715	3	3
102	125	80	146	101	66	142	111	72
119	119	77	148	100	65	141	112	73
1,503	4	4	1,493	4	4	1,516	4	4
104	123	44	66	145	49	175	94	35
173	96	62	178	93	59	173	95	60
522	36	18	471	44	22	450	43	21
40	173	116	51	157	106	46	166	114
47	167	112	51	157	106	38	178	124
19	226	153	22	219	153	16	227	160
34	185	127	42	171	117	24	202	142
17	234	160	24	212	147	28	195	137
647	22	9	680	20	9	596	30	15
485	41	21	497	40	19	473	38	18
149	105	39	114	117	41	117	122	43
813	17	8	746	19	8	708	18	8
638	24	14	619	27	15	629	28	15
53	158	107	53	155	105	57	150	100
304	61	36	292	61	37	270	65	39

Postdoctoral Appointees		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	Oregon State University	222	80	50	236	76	49
Public	Penn. State Univ. - Hershey Med. Ctr.	57	154	104	82	136	88
Public	Pennsylvania State Univ. - Univ. Park	344	53	29	317	56	32
Private	Princeton University	621	27	14	592	30	15
Public	Purdue University - West Lafayette	424	45	22	385	48	25
Private	Rensselaer Polytechnic Institute	94	129	47	73	141	49
Private	Rice University	207	87	33	200	91	33
Private	Rockefeller University	261	69	25	277	67	25
Private	Rush University	97	127	45	35	179	58
Public	Rutgers University - New Brunswick	290	61	37	306	57	33
Private	Scripps Research Institute	565	31	16	554	34	16
Private	Stanford University	2,304	2	2	2,266	2	2
Public	State Univ. of NY - Polytechnic Inst.	8	263	180	8	266	182
Public	Stony Brook University	274	67	43	271	68	43
Public	Temple University	170	94	60	162	102	65
Public	Texas A&M Univ. - College Station	508	35	17	601	28	15
Private	Thomas Jefferson University	136	107	39	123	115	42
Private	Tufts University	258	72	27	206	87	32
Private	Tulane University	115	118	43	118	120	43
Public	Uniformed Services Univ. of the HS	44	168	114	33	183	124
Public	University at Albany	88	135	86	73	141	93
Public	University at Buffalo	277	66	42	287	65	41
Public	University of Alabama - Birmingham	234	77	49	270	69	44
Public	University of Alabama - Huntsville	15	231	159	14	241	167
Public	University of Alaska - Fairbanks	30	201	140	35	179	122
Public	University of Arizona	497	38	19	485	41	22
Public	University of Arkansas - Fayetteville	63	150	100	62	149	98
Public	Univ. of Arkansas for Med. Sciences	74	143	93	80	139	91
Public	University of California - Berkeley	1,208	8	3	1,146	8	3
Public	University of California - Davis	885	16	8	831	17	9
Public	University of California - Irvine	341	54	30	345	50	26
Public	University of California - Los Angeles	932	14	7	1,107	9	4
Public	University of California - Riverside	216	85	53	223	81	53
Public	University of California - San Diego	1,267	7	2	1,255	7	2
Public	Univ. of California - San Francisco	1,111	12	5	1,077	11	5
Public	Univ. of California - Santa Barbara	315	59	35	318	55	31
Public	University of California - Santa Cruz	135	110	70	136	111	71
Public	University of Central Florida	146	105	67	94	129	83
Private	University of Chicago	431	44	23	437	46	23
Public	University of Cincinnati - Cincinnati	288	62	38	296	61	37
Public	University of Colorado - Boulder	284	65	41	887	16	8
Public	U. of Colorado - Denver/Anschutz Med.	331	56	32	329	52	28
Public	University of Connecticut - Health Ctr.	114	119	76	122	117	75
Public	University of Connecticut - Storrs	113	121	78	98	126	81
Private	University of Dayton	11	249	80	5	281	94
Public	University of Delaware	160	97	62	144	105	67
Public	University of Florida	664	26	13	579	31	16
Public	University of Georgia	236	76	48	229	79	51
Public	University of Hawaii - Manoa	199	89	56	203	89	57

# The Top American Research Universities

2016 Postdocs	2016 National Rank	2016 Control Rank	2015 Postdocs	2015 National Rank	2015 Control Rank	2014 Postdocs	2014 National Rank	2014 Control Rank
213	89	58	212	84	53	201	85	54
123	115	74	114	117	77	91	134	87
338	53	30	322	55	31	365	50	27
522	36	19	526	38	20	464	41	22
411	46	24	389	48	25	358	51	28
70	142	50	83	135	48	82	137	48
208	91	32	263	68	28	206	84	31
275	65	26	292	61	25	298	62	26
35	183	58	28	197	60	33	186	57
303	62	37	306	56	32	345	54	31
554	35	18	573	33	17	648	24	12
2,228	2	2	2,264	2	2	2,048	2	2
8	269	185	0	360	235	0	360	236
264	69	42	263	68	41	224	77	50
194	93	60	167	95	61	192	89	56
602	31	16	615	28	16	386	48	25
130	112	40	117	116	40	119	121	42
205	92	33	182	92	34	194	88	33
128	114	41	133	106	37	124	117	41
33	188	130	33	182	126	36	181	127
68	143	93	86	133	86	69	141	92
273	66	40	256	72	43	301	60	35
247	76	47	252	74	45	228	75	48
15	238	163	13	246	173	19	217	152
32	193	134	37	178	124	47	163	111
451	43	23	471	44	22	451	42	20
36	179	122	69	143	95	62	148	99
83	137	89	23	216	151	57	150	100
795	18	10	1,184	9	4	1,148	10	4
837	15	8	833	15	8	765	17	10
338	53	30	297	60	36	315	57	33
1,120	10	4	1,016	12	6	1,088	11	5
215	87	56	190	91	58	141	112	73
1,319	5	1	1,250	6	2	1,338	5	1
1,037	11	5	1,041	11	5	1,051	12	6
297	63	38	306	56	32	285	64	38
136	108	69	125	110	73	120	120	79
67	146	96	51	157	106	47	163	111
606	29	14	586	30	14	583	32	17
337	55	32	303	58	34	466	39	19
939	13	6	911	13	7	879	14	7
332	57	34	288	63	38	267	66	40
95	130	84	105	124	81	104	127	83
138	106	67	108	121	78	121	119	78
15	238	76	9	264	80	10	265	81
137	107	68	132	108	71	166	100	63
666	21	13	679	21	12	644	25	13
260	72	44	250	76	46	231	74	47
247	76	47	234	79	49	243	72	45

Postdoctoral Appointees		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	University of Houston - Univ. Park	220	81	51	237	75	48
Public	University of Idaho	50	159	107	64	145	96
Public	University of Illinois - Chicago	117	117	75	204	88	56
Public	Univ. of Illinois - Urbana-Champaign	423	46	23	459	44	23
Public	University of Iowa	362	51	27	329	52	28
Public	University of Kansas - Lawrence	99	126	82	112	121	78
Public	University of Kansas Medical Center	75	142	92	76	140	92
Public	University of Kentucky	261	69	45	184	94	60
Public	University of Louisville	70	145	95	81	138	90
Public	University of Maine - Orono	18	227	156	19	223	154
Public	University of Maryland - Baltimore	332	55	31	334	51	27
Public	Univ. of Maryland - Baltimore County	38	181	124	37	177	120
Public	University of Maryland - College Park	474	40	20	513	39	21
Public	Univ. of Massachusetts - Amherst	153	99	63	151	104	66
Public	Univ. of Mass. Med. Sch. - Worcester	287	63	39	302	60	36
Private	University of Miami	259	71	26	219	83	29
Public	University of Michigan - Ann Arbor	1,350	5	1	1,368	5	1
Public	University of Minnesota - Twin Cities	1,147	10	4	1,031	13	6
Public	University of Missouri - Columbia	199	89	56	245	72	46
Public	University of Montana - Missoula	34	189	131	56	156	105
Public	University of Nebraska - Lincoln	170	94	60	181	95	61
Public	University of Nebraska Medical Ctr.	136	107	69	143	107	69
Public	University of Nevada - Reno	87	137	87	86	134	86
Public	Univ. of New Hampshire - Durham	62	151	101	55	157	106
Public	Univ. of New Mexico - Albuquerque	103	124	80	96	128	82
Public	Univ. of North Carolina - Chapel Hill	743	18	9	806	18	10
Public	University of North Dakota	33	194	134	30	189	130
Private	University of Notre Dame	34	189	59	64	145	50
Public	University of Oklahoma - HSC	77	140	90	123	115	74
Public	University of Oklahoma - Norman	149	102	65	131	112	72
Public	University of Oregon	69	146	96	62	149	98
Private	University of Pennsylvania	1,141	11	7	1,071	12	7
Public	University of Pittsburgh - Pittsburgh	718	20	11	726	20	12
Public	University of Rhode Island	41	173	118	39	172	118
Private	University of Rochester	218	82	31	214	85	31
Public	Univ. of South Carolina - Columbia	114	119	76	122	117	75
Public	University of South Florida - Tampa	307	60	36	288	63	39
Private	University of Southern California	459	42	22	452	45	22
Public	University of Tennessee - Knoxville	129	114	73	138	110	70
Public	University of Texas - Austin	452	43	21	305	59	35
Public	University of Texas - El Paso	39	177	121	57	153	102
Public	University of Texas HSC - Houston	216	85	53	241	73	47
Public	Univ. of Texas HSC - San Antonio	190	91	58	171	98	64
Public	U. of Texas MD Anderson Cancer Ctr.	611	29	14	651	24	14
Public	U. of Texas Med. Branch - Galveston	122	116	74	144	105	67
Public	U. of Texas SW Medical Ctr. - Dallas	585	30	15	573	32	17
Public	University of Utah	362	51	27	514	38	20
Public	University of Vermont	73	144	94	82	136	88
Public	University of Virginia	402	47	24	306	57	33

# The Top American Research Universities

2016 Postdocs	2016 National Rank	2016 Control Rank	2015 Postdocs	2015 National Rank	2015 Control Rank	2014 Postdocs	2014 National Rank	2014 Control Rank
263	70	43	264	67	40	258	67	41
67	146	96	51	157	106	56	154	103
229	81	51	214	83	52	238	73	46
512	39	19	542	36	18	525	35	17
345	51	28	346	53	29	355	53	30
91	131	85	125	110	73	154	103	66
99	127	82	124	112	75	111	125	81
233	80	50	221	82	51	155	102	65
97	129	83	107	123	80	97	130	85
19	226	153	15	239	167	14	238	164
334	56	33	325	54	30	358	51	28
37	177	120	67	144	96	63	147	98
479	42	22	496	41	20	437	46	23
132	110	71	144	103	68	153	104	67
359	49	26	348	52	28	315	57	33
268	68	27	258	70	29	198	87	32
1,313	6	2	1,299	5	1	1,238	7	2
906	14	7	752	18	11	679	19	11
219	84	53	165	97	63	184	93	59
36	179	122	36	179	125	36	181	127
219	84	53	205	86	55	201	85	54
121	116	75	108	121	78	110	126	82
89	133	86	78	139	91	65	144	95
52	161	108	46	165	113	45	168	115
120	117	76	124	112	75	139	114	75
825	16	9	803	16	9	802	15	8
36	179	122	24	212	147	21	209	146
152	103	37	124	112	38	171	96	36
102	125	80	83	135	88	89	135	88
134	109	70	133	106	70	145	107	68
66	148	98	105	124	81	85	136	89
964	12	7	901	14	7	919	13	7
703	20	12	664	22	13	659	22	12
39	174	117	32	185	129	27	197	139
249	74	29	233	80	31	222	78	28
130	112	73	129	109	72	144	108	69
272	67	41	282	65	39	300	61	36
449	44	21	475	43	22	480	37	20
132	110	71	136	105	69	143	110	71
343	52	29	370	49	26	370	49	26
56	153	103	58	151	101	12	253	176
243	78	49	237	77	47	212	82	52
183	94	61	167	95	61	165	101	64
635	25	15	637	25	14	640	26	14
170	97	63	102	127	84	131	115	76
564	34	17	562	34	17	571	33	16
504	40	20	487	42	21	429	47	24
51	162	109	86	133	86	95	132	86
346	50	27	420	47	24	447	44	22

Postdoctoral Appointees		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	University of Washington - Seattle	1,034	13	6	1,023	14	7
Public	University of Wisconsin - Madison	740	19	10	744	19	11
Public	University of Wyoming	50	159	107	62	149	98
Public	Utah State University	44	168	114	64	145	96
Private	Vanderbilt University	492	39	20	487	40	19
Public	Virginia Commonwealth University	204	88	55	177	96	62
Public	Virginia Polytechnic Inst. and St. U.	218	82	52	230	78	50
Private	Wake Forest University	129	114	42	139	109	40
Public	Washington State Univ. - Pullman	181	93	59	201	90	58
Private	Washington University in St. Louis	665	24	13	611	27	13
Public	Wayne State University	137	106	68	122	117	75
Private	Weill Cornell Medical College	474	40	21	460	42	20
Public	West Virginia University	79	139	89	57	153	102
Private	Woods Hole Oceanographic Inst.	90	134	49	99	125	45
Public	Wright State University - Dayton	7	266	183	12	252	172
Private	Yale University	1,186	9	6	1,097	10	6
Private	Yeshiva University	241	75	28	240	74	27

2016 Postdocs	2016 National Rank	2016 Control Rank	2015 Postdocs	2015 National Rank	2015 Control Rank	2014 Postdocs	2014 National Rank	2014 Control Rank
1,264	7	3	1,205	8	3	1,184	9	3
745	19	11	765	17	10	767	16	9
60	151	101	54	154	104	55	155	104
47	167	112	42	171	117	47	163	111
618	28	13	629	26	12	634	27	13
159	100	66	194	89	57	249	69	43
214	88	57	225	81	50	226	76	49
90	132	47	87	131	47	152	106	39
165	99	65	175	94	60	169	97	61
629	27	12	615	28	13	625	29	14
117	120	78	146	101	66	185	92	58
394	48	23	354	51	24	322	56	24
54	157	106	51	157	106	67	143	94
82	138	49	99	128	44	97	130	46
21	221	151	1	333	221	2	327	220
1,169	9	6	1,157	10	6	1,201	8	6
243	78	30	283	64	26	303	59	25

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2018 National Rank	2018 Control Rank	2017 Median SAT	2017 National Rank	2017 Control Rank
Public	Arizona State University	1245	208	65	1225	234	67
Public	Auburn University	1295	142	38	1280	155	40
Public	Augusta University	1176	382	136	940	1222	464
Private	Baylor College of Medicine						
Private	Boston University	1415	48	45	1390	63	59
Private	Brown University	1485	19	19	1460	19	19
Private	California Institute of Technology	1555	1	1	1560	1	1
Private	Carnegie Mellon University	1500	9	9	1495	11	11
Private	Case Western Reserve University	1430	40	39	1415	43	42
Public	Clemson University	1310	125	30	1340	93	10
Public	Cleveland State University	1110	648	236	1110	631	221
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	1175	383	137	1210	257	76
Private	Columbia University	1505	6	6	1510	6	6
Private	Cornell University	1465	25	25	1470	17	17
Private	Dartmouth College	1490	18	18	1495	11	11
Private	Drexel University	1275	167	120	1260	176	126
Private	Duke University	1500	9	9	1460	19	19
Private	Emory University	1435	39	38	1415	43	42
Public	Florida International University	1175	383	137	1160	400	134
Public	Florida State University	1275	167	48	1310	116	23
Public	George Mason University	1220	257	82	1195	296	87
Private	George Washington University	1370	78	68	1360	82	73
Private	Georgetown University	1450	29	28	1435	31	31
Public	Georgia Institute of Technology	1465	25	1	1430	32	1
Public	Georgia State University	1155	449	165	1130	538	186
Private	Harvard University	1520	4	4	1525	3	3
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	1255	198	59	1310	116	23
Public	Iowa State University	1210	272	87	1210	257	76
Private	Johns Hopkins University	1500	9	9	1500	8	8
Public	Kansas State University						
Public	Louisiana State Univ. - Baton Rouge	1240	213	68	1225	234	67
Private	Massachusetts Inst. of Technology	1535	2	2	1530	2	2
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	1210	272	87	1210	257	76
Public	Mississippi State University	1225	245	77	1195	296	87
Public	Montana State University - Bozeman	1195	306	102	1195	296	87
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	1285	154	43	1280	155	40
Public	New Mexico State Univ. - Las Cruces	1040	997	383	1060	882	321
Private	New York University	1410	55	51	1390	63	59
Public	North Carolina State University	1340	100	19	1325	102	17
Private	Northeastern University	1460	28	27	1460	19	19
Private	Northwestern University	1500	9	9	1460	19	19
Public	Ohio State University - Columbus	1355	88	14	1340	93	10
Public	Oklahoma State University - Stillwater	1210	272	87	1210	257	76
Public	Oregon Health & Science University						



# The Top American Research Universities

2016 Median SAT	2016 National Rank	2016 Control Rank	2015 Median SAT	2015 National Rank	2015 Control Rank	2014 Median SAT	2014 National Rank	2014 Control Rank
1220	209	62	1170	210	68	1145	273	92
1290	118	26	1220	138	38	1220	143	38
1040	867	330	1035	631	239	1030	673	237
1320	95	79	1305	81	69	1300	82	71
1470	21	21	1465	13	13	1440	23	23
1555	1	1	1550	1	1	1550	1	1
1465	24	24	1450	20	20	1440	23	23
1470	21	21	1400	35	34	1370	46	44
1340	83	12	1250	115	28	1245	114	27
1110	583	215	1030	642	240	1010	790	288
1240	180	49	1150	246	83	1130	286	98
1500	8	8	1475	11	11	1480	8	8
1430	35	35	1430	30	30	1420	28	28
1455	26	26	1445	21	21	1455	18	18
1190	283	198	1203	179	123	1200	174	122
1475	19	19	1455	19	19	1460	13	13
1395	55	49	1380	45	43	1370	46	44
1120	574	211	1080	452	166	1080	475	166
1290	118	26	1220	138	38	1240	118	29
1155	456	158	1145	275	96	1150	252	80
1288	130	100	1290	90	76	1295	93	80
1420	39	38	1410	32	32	1420	28	28
1410	46	4	1405	34	1	1400	35	1
1070	716	270	1060	527	195	1070	491	172
1515	6	6	1500	6	6	1505	3	3
1175	391	126	1175	206	65	1175	213	65
1220	209	62	1150	246	83	1150	252	80
1485	15	15	1445	21	21	1435	26	26
1240	180	49	1170	210	68	1170	215	66
1525	2	2	1505	5	5	1495	6	6
1275	135	34	1170	210	68	1170	215	66
1200	239	72	1150	246	83	1130	286	98
1200	239	72	1130	288	100	1130	286	98
1210	233	70	1210	152	46	1165	234	72
1070	716	270	990	855	331	990	899	333
1365	66	60	1360	51	48	1345	59	54
1340	83	12	1245	117	29	1245	114	27
1485	15	15	1440	25	25	1420	28	28
1500	8	8	1440	25	25	1475	10	10
1360	68	7	1300	83	13	1300	82	12
1180	351	110	1130	288	100	1150	252	80

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2018 National Rank	2018 Control Rank	2017 Median SAT	2017 National Rank	2017 Control Rank
Public	Oregon State University	1195	306	102	1185	338	104
Public	Penn. State Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	1260	184	54	1250	196	53
Private	Princeton University	1505	6	6	1500	8	8
Public	Purdue University - West Lafayette	1295	142	38	1265	171	48
Private	Rensselaer Polytechnic Institute	1415	48	45	1410	53	50
Private	Rice University	1500	9	9	1500	8	8
Private	Rockefeller University						
Private	Rush University						
Public	Rutgers University - New Brunswick	1300	136	35	1295	131	32
Private	Scripps Research Institute						
Private	Stanford University	1495	17	17	1465	18	18
Public	State Univ. of NY - Polytechnic Inst.	1175	383	137	1145	465	162
Public	Stony Brook University	1325	112	25	1310	116	23
Public	Temple University						
Public	Texas A&M Univ. - College Station	1275	167	48	1250	196	53
Private	Thomas Jefferson University	1150	462	292			
Private	Tufts University	1445	31	30	1445	28	28
Private	Tulane University	1415	48	45	1415	43	42
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	1180	343	116	1170	383	125
Public	University at Buffalo	1245	208	65	1170	383	125
Public	University of Alabama - Birmingham	1210	272	87	1195	296	87
Public	University of Alabama - Huntsville	1310	125	30	1310	116	23
Public	University of Alaska - Fairbanks	1095	732	268	1080	802	290
Public	University of Arizona	1195	306	102			
Public	University of Arkansas - Fayetteville	1240	213	68	1240	206	60
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	1425	45	2	1415	43	2
Public	University of California - Davis	1280	157	45	1245	204	59
Public	University of California - Irvine	1300	136	35	1260	176	51
Public	University of California - Los Angeles	1405	57	5	1335	99	15
Public	University of California - Riverside	1220	257	82	1195	296	87
Public	University of California - San Diego	1365	82	12	1310	116	23
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	1345	97	18	1295	131	32
Public	University of California - Santa Cruz	1295	142	38	1250	196	53
Public	University of Central Florida	1250	205	63	1235	227	64
Private	University of Chicago	1500	9	9	1480	14	14
Public	University of Cincinnati - Cincinnati	1260	184	54	1225	234	67
Public	University of Colorado - Boulder	1255	198	59	1295	131	32
Public	U. of Colorado - Denver/Anschutz Med.	1115	633	231	1180	344	108
Public	Univ. of Connecticut - Health Center						
Public	University of Connecticut - Storrs	1315	122	29	1300	129	30
Private	University of Dayton	1280	157	113	1260	176	126
Public	University of Delaware	1255	198	59	1230	229	65
Public	University of Florida	1360	83	13	1320	113	22
Public	University of Georgia	1325	112	25	1325	102	17
Public	University of Hawaii - Manoa	1145	471	173	1145	465	162

# The Top American Research Universities

2016 Median SAT	2016 National Rank	2016 Control Rank	2015 Median SAT	2015 National Rank	2015 Control Rank	2014 Median SAT	2014 National Rank	2014 Control Rank
1115	580	214	1105	378	131	1105	393	132
1195	278	82	1195	183	59	1190	184	56
1495	12	12	1490	7	7	1500	5	5
1195	278	82	1205	160	50	1205	164	49
1380	58	52	1385	41	39	1395	37	36
1490	13	13	1475	11	11	1470	12	12
1230	200	59	1225	136	36	1215	157	43
1480	18	18	1485	8	8	1475	10	10
1160	406	133	1135	284	98	1090	420	144
1260	155	39	1265	104	21	1250	112	26
1190	283	86	1190	190	63	1195	179	53
1485	15	15	1445	21	21	1440	23	23
1415	42	41	1360	51	48	1360	54	50
1080	701	264	1085	441	161	1095	416	142
1170	395	129	1160	238	78	1150	252	80
1200	239	72	1150	246	83	1110	347	115
1320	95	17	1220	138	38	1220	143	38
1125	516	180	1030	642	240			
1260	155	39	1170	210	68	1170	215	66
1405	47	5	1380	45	3	1370	46	3
1190	283	86	1205	160	50	1205	164	49
1195	278	82	1160	238	78	1160	240	73
1315	103	19	1325	71	10	1325	66	8
1065	770	296	1095	395	138	1130	286	98
1310	106	22	1335	68	9	1310	79	11
1255	174	46	1225	136	36	1235	133	33
1175	391	126	1175	206	65	1130	286	98
1175	391	126	1175	206	65	1185	209	62
1525	2	2	1520	2	2	1518	2	2
1240	180	49	1170	210	68	1170	215	66
1305	110	23	1220	138	38	1220	143	38
1075	709	268	1050	549	202	1050	560	192
1230	200	59	1235	129	33	1240	118	29
1275	135	102	1205	160	111	1205	164	116
1170	395	129	1195	183	59	1190	184	56
1275	135	34	1260	109	25	1265	104	22
1240	180	49	1240	120	31	1235	133	33
1080	701	264	1080	452	166	1085	466	161

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2018 National Rank	2018 Control Rank	2017 Median SAT	2017 National Rank	2017 Control Rank
Public	University of Houston - Univ. Park	1220	257	82	1195	296	87
Public	University of Idaho	1115	633	231	1120	608	212
Public	University of Illinois - Chicago	1120	614	227	1140	476	165
Public	Univ. of Illinois - Urbana-Champaign	1340	100	19	1340	93	10
Public	University of Iowa	1225	245	77	1225	234	67
Public	University of Kansas - Lawrence	1240	213	68			
Public	University of Kansas Medical Center						
Public	University of Kentucky	1240	213	68	1210	257	76
Public	University of Louisville	1225	245	77	1210	257	76
Public	University of Maine - Orono	1150	462	171	1150	456	159
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	1275	167	48	1250	196	53
Public	University of Maryland - College Park	1380	73	9	1375	71	7
Public	Univ. of Massachusetts - Amherst	1295	142	38	1270	165	45
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	1340	100	82	1370	72	65
Public	University of Michigan - Ann Arbor	1420	47	3	1415	43	2
Public	University of Minnesota - Twin Cities	1325	112	25	1325	102	17
Public	University of Missouri - Columbia	1240	213	68	1240	206	60
Public	University of Montana - Missoula	1140	482	178	1160	400	134
Public	University of Nebraska - Lincoln	1225	245	77	1225	234	67
Public	University of Nebraska Medical Ctr.						
Public	University of Nevada - Reno	1160	413	149	1160	400	134
Public	Univ. of New Hampshire - Durham	1180	343	116	1165	392	130
Public	Univ. of New Mexico - Albuquerque	1110	648	236	1110	631	221
Public	Univ. of North Carolina - Chapel Hill	1400	60	6	1385	66	6
Public	University of North Dakota	1180	343	116	1160	400	134
Private	University of Notre Dame	1500	9	9	1460	19	19
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	1240	213	68	1240	206	60
Public	University of Oregon	1185	338	113	1175	376	123
Private	University of Pennsylvania	1485	19	19	1480	14	14
Public	University of Pittsburgh - Pittsburgh	1350	96	17	1329	101	16
Public	University of Rhode Island	1155	449	165	1140	476	165
Private	University of Rochester	1410	55	51	1395	61	57
Public	Univ. of South Carolina - Columbia	1275	167	48	1295	131	32
Public	University of South Florida - Tampa	1250	205	63	1230	229	65
Private	University of Southern California	1440	37	36	1430	32	32
Public	University of Tennessee - Knoxville	1310	125	30	1280	155	40
Public	University of Texas - Austin	1355	88	14	1340	93	10
Public	University of Texas - El Paso	1035	1027	395	1025	1039	380
Public	University of Texas HSC - Houston						
Public	Univ. of Texas HSC - San Antonio						
Public	U. of Texas MD Anderson Cancer Ctr.						
Public	U. of Texas Med. Branch - Galveston						
Public	Univ. of Texas SW Med. Ctr. - Dallas						
Public	University of Utah	1225	245	77	1225	234	67
Public	University of Vermont	1270	175	52	1265	171	48
Public	University of Virginia	1415	48	4	1405	54	4

# The Top American Research Universities

2016 Median SAT	2016 National Rank	2016 Control Rank	2015 Median SAT	2015 National Rank	2015 Control Rank	2014 Median SAT	2014 National Rank	2014 Control Rank
1145	463	162	1150	246	83	1145	273	92
1050	794	303	1055	535	197	1040	650	229
1180	351	110	1090	403	144	1130	286	98
1360	68	7	1280	94	16	1300	82	12
1240	180	49	1170	210	68	1170	215	66
1260	155	39	1150	246	83	1150	252	80
1240	180	49	1150	246	83	1150	252	80
1240	180	49	1170	210	68	1150	252	80
1070	716	270	1085	441	161	1075	481	168
1220	209	62	1210	152	46	1210	162	47
1315	103	19	1315	78	11	1315	77	10
1230	200	59	1220	138	38	1215	157	43
1400	49	44	1340	64	57	1320	70	62
1430	35	1	1390	38	2	1390	38	2
1340	83	12	1280	94	16	1260	107	23
1260	155	39	1205	160	50	1170	215	66
1140	467	164	1090	403	144	1070	491	172
1220	209	62	1150	246	83	1150	252	80
1160	406	133	1080	452	166	1075	481	168
1095	685	258	1105	378	131	1100	403	138
1110	583	215	1030	642	240	1050	560	192
1415	42	2	1360	51	4	1320	70	9
1160	406	133	1090	403	144	1090	420	144
1520	4	4	1460	15	15	1460	13	13
1260	155	39	1205	160	50	1190	184	56
1100	678	254	1115	332	114	1110	347	115
1475	19	19	1465	13	13	1455	18	18
1285	131	31	1265	104	21	1270	103	21
1070	716	270	1070	462	171	1070	491	172
1305	110	23	1200	180	57	1210	162	47
1160	406	133	1170	210	68	1160	240	73
1390	56	50	1385	41	39	1380	43	41
1290	118	26	1220	138	38	1205	164	49
1275	135	34	1290	90	15	1290	94	14
925	1187	466	935	1074	428	935	1114	427
1180	351	110	1130	288	100	1130	286	98
1200	239	72	1195	183	59	1185	209	62
1350	78	11	1355	58	7	1355	56	5

SAT Scores		2018	2018	2018	2017	2017	2017
Institutions with Over \$40 Million in Federal Research, Alphabetically		Median SAT	National Rank	Control Rank	Median SAT	National Rank	Control Rank
Public	University of Washington - Seattle	1340	100	19	1305	127	29
Public	University of Wisconsin - Madison	1355	88	14	1340	93	10
Public	University of Wyoming	1210	272	87	1195	296	87
Public	Utah State University	1195	306	102	1180	344	108
Private	Vanderbilt University	1500	9	9	1480	14	14
Public	Virginia Commonwealth University	1165	406	145	1165	392	130
Public	Virginia Polytechnic Inst. and St. U.	1285	154	43	1270	165	45
Private	Wake Forest University						
Public	Washington State Univ. - Pullman	1115	633	231	1120	608	212
Private	Washington University in St. Louis	1480	21	21	1460	19	19
Public	Wayne State University	1110	648	236	1105	690	244
Private	Weill Cornell Medical College						
Public	West Virginia University	1180	343	116	1180	344	108
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	1095	732	268	1110	631	221
Private	Yale University	1515	5	5	1520	4	4
Private	Yeshiva University	1240	213	146	1290	149	112

2016 Median SAT	2016 National Rank	2016 Control Rank	2015 Median SAT	2015 National Rank	2015 Control Rank	2014 Median SAT	2014 National Rank	2014 Control Rank
1245	177	47	1245	117	29	1230	137	36
1360	68	7	1300	83	13	1280	97	17
1180	351	110	1130	288	100	1130	286	98
1160	406	133	1090	403	144	1070	491	172
1520	4	4	1485	8	8	1460	13	13
1090	689	260	1095	395	138	1105	393	132
1210	233	70	1210	152	46	1215	157	43
1048	857	324	1030	642	240	1030	673	237
1500	8	8	1460	15	15	1460	13	13
1160	406	133	1070	462	171	1070	491	172
1160	406	133	1110	338	117	1090	420	144
1190	283	86	1030	642	240			
1510	7	7	1515	4	4	1505	3	3
1225	204	143	1250	115	88	1240	118	90

National Merit Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Merit Scholars	2019 National Rank	2019 Control Rank	2018 National Merit Scholars	2018 National Rank	2018 Control Rank
Public	Arizona State University	136	12	5	151	12	6
Public	Auburn University	34	66	32	49	45	22
Public	Augusta University	1	231	106	1	239	110
Private	Baylor College of Medicine						
Private	Boston University	66	34	17	60	38	20
Private	Brown University	87	23	13	58	40	22
Private	California Institute of Technology	40	53	27	37	58	30
Private	Carnegie Mellon University	51	44	23	37	58	30
Private	Case Western Reserve University	51	44	23	60	38	20
Public	Clemson University	44	50	24	45	49	23
Public	Cleveland State University	1	231	106	1	239	110
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	7	133	67	11	120	61
Private	Columbia University	67	32	15	69	33	17
Private	Cornell University	74	28	14	78	28	14
Private	Dartmouth College	58	40	21	67	36	19
Private	Drexel University	3	185	97	3	191	100
Private	Duke University	119	17	11	106	20	11
Private	Emory University	67	32	15	77	29	15
Public	Florida International University	0	304	136	0	310	133
Public	Florida State University	20	89	48	21	87	48
Public	George Mason University	0	304	136	0	310	133
Private	George Washington University	0	304	169	5	153	77
Private	Georgetown University	36	61	32	38	56	29
Public	Georgia Institute of Technology	88	22	10	105	21	10
Public	Georgia State University	0	304	136	1	239	110
Private	Harvard University	207	7	5	195	4	3
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	64	36	18	51	44	21
Public	Iowa State University	34	66	32	27	70	36
Private	Johns Hopkins University	51	44	23	49	45	24
Public	Kansas State University	8	126	63	10	121	62
Public	Louisiana State Univ. - Baton Rouge	30	72	38	24	73	38
Private	Massachusetts Inst. of Technology	134	13	8	147	13	7
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	51	44	22	53	43	20
Public	Mississippi State University	31	70	36	45	49	23
Public	Montana State University - Bozeman	9	115	59	9	125	64
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	0	304	136	2	206	98
Public	New Mexico State Univ. - Las Cruces	0	304	136	0	310	133
Private	New York University	19	91	42	20	90	41
Public	North Carolina State University	9	115	59	7	138	72
Private	Northeastern University	155	10	6	118	18	9
Private	Northwestern University	244	4	2	172	9	5
Public	Ohio State University - Columbus	36	61	30	32	63	32
Public	Oklahoma State University - Stillwater	23	81	44	22	84	45
Public	Oregon Health & Science University						



# The Top American Research Universities

2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank	2015 National Merit Scholars	2015 National Rank	2015 Control Rank
126	18	9	109	19	9	112	17	7
59	35	17	60	32	13	64	30	14
3	196	91	2	209	96	3	193	87
42	51	26	56	34	20	35	60	31
87	26	13	100	21	12	76	24	14
28	71	33	44	46	27	45	48	27
36	55	29	55	35	21	51	44	25
64	32	17	72	28	16	60	34	19
51	41	22	43	47	20	55	41	19
0	325	140	0	331	145	1	247	107
8	132	67	9	127	66	4	173	80
68	29	16	67	30	18	78	23	13
76	27	14	81	23	13	72	26	16
41	52	27	49	43	25	64	30	17
3	196	106	4	169	91	7	143	77
98	22	12	106	20	11	108	19	11
47	44	21	54	38	22	58	38	21
1	238	112	0	331	145	0	326	139
25	75	40	22	80	41	22	84	41
0	325	140	1	243	108	1	247	107
21	82	39	17	92	43	17	96	48
35	57	31	33	63	33	32	68	36
65	31	15	55	35	15	59	36	17
0	325	140	0	331	145	0	326	139
219	4	3	233	3	2	209	4	3
57	36	18	52	39	17	68	28	12
29	69	37	35	60	28	33	64	31
45	48	25	47	44	26	47	45	26
7	140	69	6	148	74	9	128	60
24	76	41	25	73	36	27	74	34
156	11	7	154	11	7	139	14	9
54	40	21	34	62	30	43	51	23
35	57	27	37	56	25	37	56	27
12	111	59	12	112	58	7	143	67
1	238	112	2	209	96	0	326	139
0	325	140	0	331	145	0	326	139
12	111	53	15	100	47	12	114	59
11	116	61	8	134	68	5	158	73
153	13	9	81	23	13	85	22	12
200	7	5	168	7	6	206	5	4
30	66	34	19	85	45	18	93	46
11	116	61	13	108	56	17	96	49

National Merit Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Merit Scholars	2019 National Rank	2019 Control Rank	2018 National Merit Scholars	2018 National Rank	2018 Control Rank
Public	Oregon State University	5	153	75	18	95	52
Public	Penn. State Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	18	95	51	24	73	38
Private	Princeton University	114	19	12	90	23	13
Public	Purdue University - West Lafayette	116	18	7	133	15	8
Private	Rensselaer Polytechnic Institute	18	95	45	32	63	32
Private	Rice University	65	35	18	55	42	23
Private	Rockefeller University	0	304	169	0	310	178
Private	Rush University	0	304	169	0	310	178
Public	Rutgers University - New Brunswick	55	41	20	40	54	27
Private	Scripps Research Institute	0	304	169	0	310	178
Private	Stanford University	124	16	10	157	10	6
Public	State Univ. of NY - Polytechnic Inst.	0	304	136	0	310	133
Public	Stony Brook University	9	115	59	9	125	64
Public	Temple University	1	231	106	3	191	92
Public	Texas A&M Univ. - College Station	188	9	4	178	7	3
Private	Thomas Jefferson University	0	304	169	0	310	178
Private	Tufts University	38	56	28	48	47	25
Private	Tulane University	35	63	33	24	73	36
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	0	304	136	0	310	133
Public	University at Buffalo	0	304	136	2	206	98
Public	University of Alabama - Birmingham	17	99	54	22	84	45
Public	University of Alabama - Huntsville	1	231	106	4	170	84
Public	University of Alaska - Fairbanks	0	304	136	0	310	133
Public	University of Arizona	73	29	15	43	52	25
Public	University of Arkansas - Fayetteville	39	54	27	42	53	26
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	132	14	6	124	16	9
Public	University of California - Davis	4	165	79	9	125	64
Public	University of California - Irvine	2	205	95	8	132	69
Public	University of California - Los Angeles	79	27	14	77	29	15
Public	University of California - Riverside	0	304	136	0	310	133
Public	University of California - San Diego	18	95	51	19	93	51
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	7	133	67	4	170	84
Public	University of California - Santa Cruz	0	304	136	1	239	110
Public	University of Central Florida	91	21	9	83	26	13
Private	University of Chicago	233	5	3	249	2	2
Public	University of Cincinnati - Cincinnati	30	72	38	77	29	15
Public	University of Colorado - Boulder	8	126	63	8	132	69
Public	U. of Colorado - Denver/Anschutz Med.	0	304	136	0	310	133
Public	Univ. of Connecticut - Health Center						
Public	University of Connecticut - Storrs	4	165	79	4	170	84
Private	University of Dayton	4	165	87	3	191	100
Public	University of Delaware	3	185	89	2	206	98
Public	University of Florida	270	1	1	231	3	1
Public	University of Georgia	62	39	19	56	41	19
Public	University of Hawaii - Manoa	0	304	136	0	310	133

# The Top American Research Universities

2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank	2015 National Merit Scholars	2015 National Rank	2015 Control Rank
13	107	57	8	134	68	4	173	80
18	92	48	16	97	52	21	85	42
123	19	10	117	18	10	146	11	8
141	15	6	125	15	6	94	21	10
21	82	39	25	73	38	19	90	46
57	36	19	67	30	18	59	36	20
0	325	186	0	331	187	0	326	188
0	325	186	0	331	187	0	326	188
45	48	24	35	60	28	35	60	30
0	325	186	0	331	187	0	326	188
168	8	6	179	6	5	176	7	6
0	325	140	0	331	145	0	326	139
19	89	45	24	77	39	25	77	37
4	180	83	0	331	145	1	247	107
148	14	5	122	16	7	142	13	5
0	325	186	0	331	187	0	326	188
36	55	29	50	40	23	55	41	23
32	63	32	39	54	31	33	64	34
0	325	140	0	331	145	0	326	139
2	215	100	1	243	108	1	247	107
30	66	34	22	80	41	24	79	38
5	167	77	1	243	108	2	217	91
0	325	140	0	331	145	0	326	139
30	66	34	43	47	20	65	29	13
50	42	23	45	45	19	37	56	27
136	16	7	161	8	2	129	16	6
5	167	77	4	169	79	3	193	87
1	238	112	3	190	86	2	217	91
57	36	18	43	47	20	43	51	23
0	325	140	1	243	108	1	247	107
16	98	53	19	85	45	18	93	46
6	152	74	3	190	86	4	173	80
0	325	140	0	331	145	0	326	139
89	25	13	77	26	11	69	27	11
259	2	1	277	2	1	294	1	1
64	32	16	50	40	18	44	49	22
3	196	91	10	120	61	5	158	73
1	238	112	0	331	145	0	326	139
5	167	77	2	209	96	2	217	91
4	180	98	1	243	136	4	173	94
2	215	100	3	190	86	3	193	87
202	6	2	158	9	3	146	11	4
45	48	24	39	54	24	42	54	25
0	325	140	0	331	145	0	326	139

National Merit Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Merit Scholars	2019 National Rank	2019 Control Rank	2018 National Merit Scholars	2018 National Rank	2018 Control Rank
Public	University of Houston - Univ. Park	11	108	56	17	99	54
Public	University of Idaho	9	115	59	14	108	57
Public	University of Illinois - Chicago	7	133	67	2	206	98
Public	Univ. of Illinois - Urbana-Champaign	39	54	27	24	73	38
Public	University of Iowa	30	72	38	22	84	45
Public	University of Kansas - Lawrence	21	87	46	20	90	50
Public	University of Kansas Medical Center						
Public	University of Kentucky	70	30	16	66	37	18
Public	University of Louisville	21	87	46	23	80	42
Public	University of Maine - Orono	4	165	79	4	170	84
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	1	231	106	4	170	84
Public	University of Maryland - College Park	87	23	11	88	25	12
Public	Univ. of Massachusetts - Amherst	2	205	95	3	191	92
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	28	75	35	24	73	36
Public	University of Michigan - Ann Arbor	68	31	17	80	27	14
Public	University of Minnesota - Twin Cities	107	20	8	137	14	7
Public	University of Missouri - Columbia	41	52	26	29	68	35
Public	University of Montana - Missoula	4	165	79	3	191	92
Public	University of Nebraska - Lincoln	45	48	23	35	61	30
Public	Univ. of Nebraska Medical Center						
Public	University of Nevada - Reno	7	133	67	15	105	56
Public	Univ. of New Hampshire - Durham	1	231	106	1	239	110
Public	Univ. of New Mexico - Albuquerque	8	126	63	13	112	58
Public	Univ. of North Carolina - Chapel Hill	25	77	41	34	62	31
Public	University of North Dakota	3	185	89	6	142	74
Private	University of Notre Dame	53	42	22	69	33	17
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	87	23	11	156	11	5
Public	University of Oregon	6	143	73	8	132	69
Private	University of Pennsylvania	126	15	9	111	19	10
Public	University of Pittsburgh - Pittsburgh	20	89	48	17	99	54
Public	University of Rhode Island	0	304	136	0	310	133
Private	University of Rochester	38	56	28	28	69	34
Public	Univ. of South Carolina - Columbia	53	42	21	68	35	17
Public	University of South Florida - Tampa	35	63	31	23	80	42
Private	University of Southern California	265	2	1	276	1	1
Public	University of Tennessee - Knoxville	31	70	36	21	87	48
Public	University of Texas - Austin	86	26	13	90	23	11
Public	University of Texas - El Paso	0	304	136	0	310	133
Public	University of Texas HSC - Houston						
Public	Univ. of Texas HSC - San Antonio						
Public	U. of Texas MD Anderson Cancer Ctr.						
Public	U. of Texas Med. Branch - Galveston						
Public	Univ. of Texas SW Med. Ctr. - Dallas						
Public	University of Utah	37	59	29	36	60	29
Public	University of Vermont	2	205	95	0	310	133
Public	University of Virginia	33	68	34	38	56	28

# The Top American Research Universities

2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank	2015 National Merit Scholars	2015 National Rank	2015 Control Rank
14	105	56	25	73	36	29	72	33
22	77	42	17	92	50	23	80	39
4	180	83	2	209	96	1	247	107
31	64	32	29	67	32	26	75	35
31	64	32	26	70	35	20	87	43
35	57	27	18	91	49	26	75	35
103	21	10	99	22	10	111	18	8
22	77	42	20	83	43	19	90	45
7	140	69	6	148	74	2	217	91
4	180	83	3	190	86	2	217	91
66	30	14	55	35	15	61	33	15
0	325	140	1	243	108	1	247	107
22	77	36	36	57	32	35	60	31
90	23	11	60	32	13	56	40	18
159	10	4	150	12	5	147	10	3
17	94	50	13	108	56	18	93	46
1	238	112	2	209	96	2	217	91
35	57	27	36	57	26	47	45	20
19	89	45	10	120	61	16	98	50
0	325	140	0	331	145	0	326	139
9	128	65	20	83	43	14	106	55
29	69	37	28	69	34	20	87	43
7	140	69	0	331	145	2	217	91
48	43	20	43	47	28	57	39	22
317	1	1	279	1	1	288	2	1
4	180	83	9	127	66	6	152	69
112	20	11	134	14	9	139	14	9
12	111	59	25	73	36	16	98	50
0	325	140	0	331	145	0	326	139
27	72	34	24	77	39	37	56	30
55	39	20	36	57	26	46	47	21
15	100	54	12	112	58	9	128	60
257	3	2	230	4	3	226	3	2
20	87	44	19	85	45	23	80	39
90	23	11	74	27	12	60	34	16
0	325	140	0	331	145	0	326	139
33	62	31	33	63	31	33	64	31
1	238	112	10	120	61	10	120	57
41	52	26	29	67	32	36	59	29

National Merit Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 National Merit Scholars	2019 National Rank	2019 Control Rank	2018 National Merit Scholars	2018 National Rank	2018 Control Rank
Public	University of Washington - Seattle	25	77	41	27	70	36
Public	University of Wisconsin - Madison	22	85	45	24	73	38
Public	University of Wyoming	5	153	75	6	142	74
Public	Utah State University	3	185	89	2	206	98
Private	Vanderbilt University	222	6	4	182	6	4
Public	Virginia Commonwealth University	8	126	63	6	142	74
Public	Virginia Polytechnic Inst. and St. U.	5	153	75	5	153	77
Private	Wake Forest University	3	185	97	4	170	87
Public	Washington State Univ. - Pullman	5	153	75	4	170	84
Private	Washington University in St. Louis	35	63	33	45	49	27
Public	Wayne State University	6	143	73	2	206	98
Private	Weill Cornell Medical College						
Public	West Virginia University	18	95	51	18	95	52
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	0	304	136	0	310	133
Private	Yale University	140	11	7	124	16	8
Private	Yeshiva University	2	205	111	1	239	130

2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank	2015 National Merit Scholars	2015 National Rank	2015 Control Rank
15	100	54	23	79	40	12	114	56
19	89	45	17	92	50	15	102	53
3	196	91	2	209	96	5	158	73
4	180	83	0	331	145	1	247	107
219	4	3	220	5	4	206	5	4
5	167	77	10	120	61	0	326	139
5	167	77	0	331	145	4	173	80
2	215	116	2	209	114	0	326	188
11	116	61	2	209	96	5	158	73
38	54	28	33	63	33	32	68	36
6	152	74	10	120	61	7	143	67
17	94	50	19	85	45	10	120	57
0	325	140	0	331	145	0	326	139
156	11	7	147	13	8	166	8	7
0	325	186	3	190	105	0	326	188

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2009 Total Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University	147,765	94,978	52,786	55.6%	22	17
Public	Auburn University	51,059	53,796	-2,737	-5.1%	-8	-6
Public	Augusta University	30,399	20,893	9,506	45.5%	27	25
Private	Baylor College of Medicine	184,571	164,444	20,127	12.2%	-2	-2
Private	Boston University	121,660	93,338	28,322	30.3%	13	3
Private	Brandeis University	19,143	18,226	918	5.0%	5	-1
Private	Brown University	61,402	57,707	3,695	6.4%	1	-1
Private	California Institute of Technology	116,155	99,874	16,280	16.3%	3	1
Private	Carnegie Mellon University	95,541	77,087	18,454	23.9%	9	-2
Private	Case Western Reserve University	123,930	152,284	-28,354	-18.6%	-19	-3
Public	Clemson University	44,157	71,441	-27,285	-38.2%	-38	-27
Public	Cleveland State University	23,651	5,172	18,479	357.3%	109	83
Private	Cold Spring Harbor Laboratory	29,683					
Public	Colorado State Univ. - Fort Collins	100,140	108,056	-7,916	-7.3%	-12	-7
Private	Columbia University	258,948	200,826	58,123	28.9%	3	-1
Private	Cornell University	180,528	167,907	12,621	7.5%	-7	-5
Private	Dartmouth College	84,707	68,419	16,288	23.8%	13	1
Private	Drexel University	40,428	36,933	3,494	9.5%	0	-4
Private	Duke University	339,857	280,688	59,170	21.1%	0	-1
Private	Emory University	197,139	161,487	35,652	22.1%	2	0
Public	Florida International University	44,676	35,028	9,648	27.5%	13	12
Public	Florida State University	75,457	66,727	8,730	13.1%	7	6
Public	George Mason University	30,049	26,550	3,498	13.2%	7	6
Private	George Washington University	68,954	57,515	11,439	19.9%	8	3
Private	Georgetown University	57,343	52,200	5,143	9.9%	7	1
Public	Georgia Institute of Technology	239,687	191,102	48,586	25.4%	3	5
Public	Georgia State University	40,652	28,441	12,211	42.9%	19	18
Private	Harvard University	315,043	165,808	149,235	90.0%	20	7
Private	Icahn School of Med. at Mount Sinai	175,569	108,475	67,094	61.9%	18	4
Public	Indiana University - Bloomington	154,854	55,188	99,666	180.6%	61	43
Public	Iowa State University	94,612	82,119	12,493	15.2%	5	8
Private	Johns Hopkins University	780,031	615,219	164,812	26.8%	0	0
Public	Kansas State University	55,990	50,341	5,649	11.2%	7	6
Public	Louisiana State Univ. - Baton Rouge	78,838	99,918	-21,080	-21.1%	-24	-15
Private	Massachusetts Inst. of Technology	268,172	241,423	26,749	11.1%	-4	-2
Private	Medical College of Wisconsin	63,954	60,584	3,371	5.6%	1	-1
Public	Medical University of South Carolina	80,018	69,309	10,709	15.5%	8	8
Public	Michigan State University	199,417	130,577	68,840	52.7%	16	10
Public	Mississippi State University	71,096	77,208	-6,112	-7.9%	-12	-7
Public	Montana State University - Bozeman	36,069	43,977	-7,908	-18.0%	-20	-14
Public	Naval Postgraduate School	15,988	30,493	-14,504	-47.6%	-42	-34
Public	New Jersey Institute of Technology	30,917	32,864	-1,947	-5.9%	-5	-2
Public	New Mexico State Univ. - Las Cruces	31,637	50,664	-19,028	-37.6%	-32	-26
Private	New York University	250,893	113,716	137,177	120.6%	34	11
Public	North Carolina State University	149,186	134,006	15,180	11.3%	-2	-2
Private	Northeastern University	41,136	21,927	19,208	87.6%	35	4
Private	Northwestern University	220,911	177,100	43,810	24.7%	1	-2
Public	Ohio State University - Columbus	245,514	257,149	-11,635	-4.5%	-11	-5
Public	Oklahoma State University - Stillwater	46,560	44,369	2,191	4.9%	-2	0



## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2018 Federal Research x \$1000	2009 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2018 Non-Federal Research x \$1000	2009 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
65,549	45,954	19,595	42.6%	17	12	82,215	49,024	33,191	67.7%	19	20
16,687	20,038	-3,351	-16.7%	-5	-4	34,372	33,758	614	1.8%	-13	-5
14,926	14,452	474	3.3%	15	14	15,473	6,441	9,032	140.2%	42	36
89,335	96,074	-6,739	-7.0%	-7	0	95,236	68,370	26,866	39.3%	1	-4
77,443	86,066	-8,623	-10.0%	-6	-1	44,217	7,272	36,945	508.0%	109	22
13,674	13,983	-308	-2.2%	13	0	5,469	4,243	1,226	28.9%	6	-2
43,283	34,823	8,460	24.3%	19	5	18,120	22,884	-4,765	-20.8%	-33	-14
83,086	89,166	-6,081	-6.8%	-5	0	33,069	10,708	22,361	208.8%	71	15
57,961	62,578	-4,617	-7.4%	-6	-1	37,579	14,509	23,071	159.0%	60	10
99,266	111,807	-12,541	-11.2%	-12	-4	24,665	40,477	-15,813	-39.1%	-55	-19
19,197	20,692	-1,495	-7.2%	-1	0	24,960	50,750	-25,790	-50.8%	-61	-41
15,962	1,840	14,122	767.6%	165	127	7,689	3,332	4,357	130.8%	49	43
16,555						13,128					
70,907	76,467	-5,560	-7.3%	-4	-3	29,233	31,589	-2,356	-7.5%	-25	-15
193,126	168,737	24,390	14.5%	3	1	65,822	32,089	33,733	105.1%	23	2
85,283	84,998	285	0.3%	-1	3	95,245	82,909	12,336	14.9%	-6	-7
41,792	44,398	-2,606	-5.9%	-7	-4	42,916	24,021	18,894	78.7%	26	2
21,151	23,862	-2,711	-11.4%	-2	-2	19,277	13,071	6,206	47.5%	11	-3
189,825	165,182	24,643	14.9%	4	1	150,032	115,506	34,526	29.9%	4	-1
116,289	106,552	9,737	9.1%	1	0	80,850	54,935	25,915	47.2%	6	-2
20,244	19,339	905	4.7%	10	10	24,432	15,690	8,743	55.7%	13	15
36,111	40,486	-4,375	-10.8%	-5	-5	39,346	26,241	13,105	49.9%	16	18
15,997	18,443	-2,446	-13.3%	-1	1	14,052	8,107	5,945	73.3%	23	22
44,107	43,591	517	1.2%	0	0	24,847	13,924	10,922	78.4%	27	2
28,443	40,842	-12,399	-30.4%	-19	-4	28,900	11,358	17,542	154.4%	51	8
176,380	102,913	73,467	71.4%	16	7	63,307	88,188	-24,881	-28.2%	-34	-16
16,732	9,610	7,122	74.1%	43	35	23,920	18,831	5,088	27.0%	-5	3
172,464	140,299	32,165	22.9%	2	2	142,580	25,509	117,070	458.9%	81	19
112,131	92,715	19,416	20.9%	8	4	63,438	15,760	47,678	302.5%	79	14
73,636	25,014	48,622	194.4%	69	53	81,219	30,174	51,044	169.2%	38	32
38,323	37,614	709	1.9%	6	5	56,289	44,505	11,784	26.5%	-1	6
663,206	532,320	130,886	24.6%	0	0	116,825	82,899	33,926	40.9%	4	-4
22,065	19,392	2,673	13.8%	16	15	33,925	30,949	2,976	9.6%	-9	-3
24,421	28,802	-4,381	-15.2%	-7	-3	54,417	71,116	-16,699	-23.5%	-31	-17
147,851	181,173	-33,322	-18.4%	-11	-5	120,321	60,250	60,071	99.7%	23	5
33,035	40,846	-7,811	-19.1%	-12	-3	30,919	19,737	11,182	56.7%	13	-2
40,905	37,400	3,505	9.4%	10	9	39,112	31,909	7,204	22.6%	0	4
100,541	55,964	44,577	79.7%	31	21	98,876	74,613	24,263	32.5%	2	5
26,676	38,550	-11,873	-30.8%	-16	-11	44,419	38,658	5,761	14.9%	-5	1
20,274	25,761	-5,488	-21.3%	-13	-9	15,796	18,215	-2,420	-13.3%	-22	-11
12,889	30,123	-17,233	-57.2%	-49	-38	3,099	370	2,729	736.7%	156	101
19,783	14,672	5,111	34.8%	33	29	11,134	18,192	-7,058	-38.8%	-45	-29
18,027	31,709	-13,681	-43.1%	-30	-23	13,609	18,956	-5,346	-28.2%	-41	-26
112,871	72,967	39,904	54.7%	25	9	138,022	40,749	97,273	238.7%	48	10
65,152	48,097	17,055	35.5%	11	7	84,034	85,909	-1,876	-2.2%	-13	-2
27,517	13,358	14,159	106.0%	60	10	13,619	8,570	5,049	58.9%	16	-2
133,857	96,984	36,873	38.0%	12	6	87,054	80,116	6,937	8.7%	-7	-7
130,325	122,654	7,670	6.3%	-3	-1	115,189	134,494	-19,305	-14.4%	-15	-8
12,915	15,025	-2,109	-14.0%	4	6	33,645	29,344	4,301	14.7%	-8	-2

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2009 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	Oregon Health & Science University	105,781	110,311	-4,530	-4.1%	-13	-7
Public	Oregon State University	79,598	68,828	10,770	15.6%	8	8
Public	Penn. State Univ. - Hershey Med. Ctr.	30,770	29,535	1,234	4.2%	2	3
Public	Pennsylvania State Univ. - Univ. Park	221,451	227,078	-5,627	-2.5%	-11	-6
Private	Princeton University	99,203	71,281	27,922	39.2%	20	3
Public	Purdue University - West Lafayette	162,801	157,376	5,425	3.4%	-6	-3
Private	Rensselaer Polytechnic Institute	29,452	28,290	1,162	4.1%	1	-2
Private	Rice University	49,826	27,177	22,650	83.3%	37	5
Private	Rockefeller University	106,433	90,587	15,846	17.5%	8	-2
Private	Rush University	22,596	32,762	-10,165	-31.0%	-24	-6
Public	Rutgers University - New Brunswick	193,369	108,956	84,413	77.5%	23	17
Private	Scripps Research Institute	108,183	133,973	-25,790	-19.3%	-19	-6
Private	Stanford University	322,008	251,890	70,118	27.8%	1	0
Public	State Univ. of NY - Polytechnic Inst.	94,228					
Public	Stony Brook University	71,830	92,505	-20,675	-22.4%	-19	-12
Public	Temple University	76,017	33,850	42,168	124.6%	54	43
Public	Texas A&M Univ. - College Station	265,162	213,146	52,017	24.4%	1	3
Private	Thomas Jefferson University	43,498	36,335	7,163	19.7%	8	-1
Private	Tufts University	66,175	51,067	15,107	29.6%	16	6
Private	Tulane University	51,055	56,087	-5,032	-9.0%	-15	-4
Public	Uniformed Services Univ. of the HS	91,033	38,862	52,171	134.2%	54	44
Public	University at Albany	42,834	98,972	-56,138	-56.7%	-65	-46
Public	University at Buffalo	117,886	120,678	-2,791	-2.3%	-7	-6
Public	University of Alabama - Birmingham	168,919	148,089	20,830	14.1%	-2	-1
Public	University of Alabama - Huntsville	27,273	23,935	3,339	13.9%	8	9
Public	University of Alaska - Fairbanks	45,785	44,311	1,474	3.3%	-2	0
Public	University of Arizona	186,100	199,788	-13,688	-6.9%	-11	-4
Public	University of Arkansas - Fayetteville	41,471	37,619	3,852	10.2%	2	5
Public	Univ. of Arkansas for Med. Sciences	39,208	42,983	-3,775	-8.8%	-13	-8
Public	University of California - Berkeley	221,142	216,588	4,554	2.1%	-11	-5
Public	University of California - Davis	221,646	235,162	-13,516	-5.7%	-11	-6
Public	University of California - Irvine	103,523	118,786	-15,263	-12.8%	-16	-9
Public	University of California - Los Angeles	316,627	318,961	-2,334	-0.7%	-6	-3
Public	University of California - Riverside	48,604	47,435	1,169	2.5%	-3	-1
Public	University of California - San Diego	343,625	308,182	35,443	11.5%	0	1
Public	Univ. of California - San Francisco	430,007	323,977	106,031	32.7%	-1	-1
Public	Univ. of California - Santa Barbara	68,882	74,561	-5,680	-7.6%	-12	-7
Public	University of California - Santa Cruz	36,609	49,506	-12,897	-26.1%	-25	-19
Public	University of Central Florida	51,449	39,553	11,896	30.1%	14	14
Private	University of Chicago	128,141	130,764	-2,623	-2.0%	-8	1
Public	University of Cincinnati - Cincinnati	130,350	125,921	4,429	3.5%	-4	-6
Public	University of Colorado - Boulder	144,769	95,571	49,198	51.5%	20	15
Public	U. of Colorado - Denver/Anschutz Med.	144,269	97,548	46,721	47.9%	17	12
Public	University of Connecticut - Health Ctr.	23,263	42,373	-19,110	-45.1%	-42	-33
Public	University of Connecticut - Storrs	55,201	40,308	14,893	36.9%	19	19
Private	University of Dayton	38,811	29,747	9,064	30.5%	11	-1
Public	University of Delaware	53,836	45,816	8,021	17.5%	7	7
Public	University of Florida	233,850	213,806	20,043	9.4%	-5	-1
Public	University of Georgia	123,131	128,209	-5,079	-4.0%	-9	-9

## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2018 Federal Research x \$1000	2009 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2018 Non-Federal Research x \$1000	2009 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
74,290	84,988	-10,698	-12.6%	-6	-5	31,491	25,323	6,168	24.4%	-1	4
48,117	41,583	6,534	15.7%	9	4	31,482	27,246	4,236	15.5%	-11	-3
15,581	17,125	-1,544	-9.0%	0	1	15,188	12,410	2,778	22.4%	1	5
145,567	131,664	13,902	10.6%	1	0	75,885	95,414	-19,529	-20.5%	-29	-15
53,540	45,787	7,753	16.9%	4	2	45,663	25,494	20,169	79.1%	25	2
68,637	64,633	4,004	6.2%	2	2	94,164	92,743	1,421	1.5%	-14	-5
14,568	17,242	-2,674	-15.5%	-5	-2	14,884	11,048	3,836	34.7%	8	-1
25,596	20,115	5,481	27.2%	19	1	24,230	7,062	17,168	243.1%	61	10
26,471	29,850	-3,378	-11.3%	-1	-3	79,961	60,737	19,224	31.7%	-1	-5
15,722	14,985	738	4.9%	14	1	6,874	17,777	-10,903	-61.3%	-71	-19
96,448	47,921	48,526	101.3%	35	24	96,921	61,035	35,887	58.8%	12	11
76,302	97,230	-20,928	-21.5%	-15	-7	31,881	36,743	-4,862	-13.2%	-27	-11
208,972	186,469	22,503	12.1%	0	0	113,036	65,422	47,615	72.8%	12	-1
12,584						81,644					
38,183	38,949	-766	-2.0%	1	0	33,646	53,555	-19,909	-37.2%	-38	-25
43,823	21,479	22,344	104.0%	48	37	32,194	12,371	19,823	160.2%	57	47
89,883	89,892	-9	0.0%	-3	-5	175,279	123,253	52,026	42.2%	5	6
18,925	27,828	-8,903	-32.0%	-20	-5	24,573	8,506	16,067	188.9%	56	8
42,105	34,997	7,108	20.3%	16	3	24,070	16,070	7,999	49.8%	7	-5
28,602	39,950	-11,347	-28.4%	-16	-2	22,453	16,137	6,316	39.1%	2	-7
62,314	24,648	37,666	152.8%	61	45	28,719	14,213	14,506	102.1%	35	31
25,186	39,801	-14,615	-36.7%	-28	-21	17,647	59,170	-41,523	-70.2%	-96	-67
56,234	56,854	-621	-1.1%	-5	-4	61,652	63,823	-2,171	-3.4%	-19	-7
108,708	110,929	-2,221	-2.0%	-6	-3	60,211	37,160	23,051	62.0%	9	13
20,826	17,227	3,599	20.9%	21	19	6,448	6,708	-260	-3.9%	-17	-13
29,127	38,765	-9,638	-24.9%	-11	-10	16,658	5,546	11,112	200.4%	55	47
82,133	101,710	-19,577	-19.2%	-16	-10	103,967	98,078	5,889	6.0%	-9	-2
12,875	11,540	1,334	11.6%	16	13	28,596	26,079	2,518	9.7%	-13	-3
15,651	22,705	-7,054	-31.1%	-21	-17	23,557	20,278	3,279	16.2%	-18	-7
99,630	91,194	8,436	9.3%	2	-2	121,512	125,394	-3,882	-3.1%	-7	-2
103,122	98,438	4,684	4.8%	-2	-2	118,523	136,724	-18,200	-13.3%	-14	-8
54,549	65,257	-10,709	-16.4%	-15	-12	48,975	53,529	-4,554	-8.5%	-18	-10
146,387	172,727	-26,340	-15.2%	-7	-3	170,240	146,234	24,006	16.4%	-3	-2
23,163	19,683	3,480	17.7%	16	15	25,441	27,752	-2,311	-8.3%	-29	-16
195,155	179,692	15,463	8.6%	-1	-1	148,470	128,489	19,980	15.6%	-1	1
185,125	172,987	12,138	7.0%	-2	-1	244,882	150,990	93,893	62.2%	0	0
34,529	40,846	-6,317	-15.5%	-8	-7	34,352	33,715	637	1.9%	-13	-5
19,872	25,526	-5,653	-22.1%	-13	-9	16,737	23,980	-7,243	-30.2%	-42	-27
25,255	20,412	4,843	23.7%	15	15	26,194	19,140	7,053	36.9%	7	9
92,250	104,169	-11,919	-11.4%	-13	-3	35,890	26,594	9,296	35.0%	9	-4
73,120	80,954	-7,834	-9.7%	-5	-4	57,230	44,967	12,263	27.3%	-1	6
109,672	80,357	29,314	36.5%	17	10	35,097	15,214	19,883	130.7%	52	44
93,200	78,237	14,963	19.1%	10	4	51,069	19,312	31,758	164.4%	49	40
12,843	22,493	-9,650	-42.9%	-31	-25	10,420	19,880	-9,460	-47.6%	-64	-45
30,475	21,396	9,078	42.4%	27	21	24,727	18,912	5,815	30.7%	3	7
34,349	23,612	10,737	45.5%	29	7	4,461	6,134	-1,673	-27.3%	-33	-10
34,486	30,974	3,512	11.3%	11	8	19,351	14,842	4,509	30.4%	2	7
95,858	84,546	11,313	13.4%	6	0	137,991	129,261	8,731	6.8%	-5	-1
46,765	37,631	9,134	24.3%	18	11	76,365	90,578	-14,213	-15.7%	-26	-12

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2009 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 Hawaii - Manoa	87,958	99,492	-11,533	-11.6%	-15	-8
Public	University of Houston - Univ. Park	45,702	30,923	14,779	47.8%	22	20
Public	University of Idaho	32,180	29,841	2,340	7.8%	4	6
Public	University of Illinois - Chicago	107,456	122,661	-15,204	-12.4%	-14	-9
Public	Univ. of Illinois - Urbana-Champaign	183,866	183,468	398	0.2%	-9	-2
Public	University of Iowa	142,318	107,444	34,873	32.5%	9	5
Public	University of Kansas - Lawrence	50,272	47,714	2,558	5.4%	-2	-1
Public	University of Kansas Medical Center	26,351	31,110	-4,759	-15.3%	-14	-10
Public	University of Kentucky	112,257	123,221	-10,964	-8.9%	-12	-9
Public	University of Louisville	51,533	54,511	-2,977	-5.5%	-8	-6
Public	University of Maryland - Baltimore	124,169	138,863	-14,694	-10.6%	-14	-12
Public	Univ. of Maryland - Baltimore County	21,334	24,450	-3,115	-12.7%	-8	-5
Public	University of Maryland - College Park	162,613	144,584	18,029	12.5%	-3	-2
Public	Univ. of Massachusetts - Amherst	59,199	55,956	3,243	5.8%	2	2
Public	Univ. of Mass. Med. Sch. - Worcester	85,393	65,373	20,020	30.6%	17	15
Private	University of Miami	111,456	88,490	22,966	26.0%	14	2
Public	University of Michigan - Ann Arbor	437,677	320,759	116,918	36.5%	2	2
Public	University of Minnesota - Twin Cities	268,880	249,854	19,026	7.6%	-4	-2
Public	University of Missouri - Columbia	74,129	89,538	-15,409	-17.2%	-14	-8
Public	University of Montana - Missoula	25,662	21,240	4,422	20.8%	14	14
Public	University of Nebraska - Lincoln	82,606	84,093	-1,487	-1.8%	-3	2
Public	University of Nebraska Medical Ctr.	52,322	41,317	11,005	26.6%	14	14
Public	University of Nevada - Reno	30,252	37,359	-7,106	-19.0%	-16	-10
Public	Univ. of New Hampshire - Durham	40,759	41,679	-920	-2.2%	-6	-2
Public	Univ. of New Mexico - Albuquerque	72,194	72,333	-139	-0.2%	-5	-2
Public	Univ. of North Carolina - Chapel Hill	323,874	192,459	131,416	68.3%	15	11
Public	University of North Dakota	28,056	23,800	4,257	17.9%	10	11
Private	University of Notre Dame	56,157	35,565	20,592	57.9%	31	4
Public	University of Oklahoma - HSC	37,336	37,961	-625	-1.6%	-7	-1
Public	University of Oklahoma - Norman	39,130	32,337	6,793	21.0%	7	8
Public	University of Oregon	22,125	24,660	-2,535	-10.3%	-8	-5
Private	University of Pennsylvania	380,669	259,217	121,452	46.9%	4	1
Public	University of Pittsburgh - Pittsburgh	283,803	217,999	65,804	30.2%	2	3
Public	University of Rhode Island	29,045	28,349	695	2.5%	-1	2
Private	University of Rochester	107,372	137,330	-29,958	-21.8%	-24	-8
Public	Univ. of South Carolina - Columbia	54,957	63,090	-8,134	-12.9%	-13	-6
Public	University of South Florida - Tampa	153,226	101,901	51,325	50.4%	15	11
Private	University of Southern California	221,359	190,153	31,206	16.4%	-1	-3
Public	University of Tennessee - Knoxville	82,239	62,109	20,130	32.4%	16	15
Public	University of Texas - Austin	182,632	180,546	2,086	1.2%	-9	-2
Public	University of Texas - El Paso	25,595	17,900	7,696	43.0%	22	19
Public	University of Texas HSC - Houston	75,073	72,194	2,879	4.0%	-1	1
Public	Univ. of Texas HSC - San Antonio	58,749	73,684	-14,935	-20.3%	-19	-10
Public	U. of Texas MD Anderson Cancer Ctr.	270,938	204,412	66,526	32.5%	6	6
Public	U. of Texas Med. Branch - Galveston	56,476	65,890	-9,414	-14.3%	-9	-4
Public	Univ. of Texas SW Med. Ctr. - Dallas	140,894	142,868	-1,973	-1.4%	-11	-10
Public	University of Utah	97,313	92,924	4,389	4.7%	0	4
Public	University of Vermont	35,829	42,244	-6,415	-15.2%	-17	-11
Public	University of Virginia	131,740	94,300	37,440	39.7%	18	13

## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2018 Federal Research x \$1000	2009 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2018 Non-Federal Research x \$1000	2009 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
55,452	71,190	-15,738	-22.1%	-14	-11	32,507	28,302	4,205	14.9%	-9	-2
17,471	15,797	1,674	10.6%	21	19	28,232	15,126	13,105	86.6%	29	27
14,913	16,580	-1,667	-10.1%	1	2	17,267	13,261	4,007	30.2%	4	9
57,582	71,926	-14,345	-19.9%	-14	-11	49,875	50,734	-859	-1.7%	-13	-5
105,155	97,690	7,465	7.6%	0	0	78,711	85,778	-7,067	-8.2%	-21	-7
72,211	84,144	-11,934	-14.2%	-7	-6	70,107	23,300	46,807	200.9%	53	44
26,180	24,661	1,519	6.2%	8	10	24,092	23,053	1,039	4.5%	-21	-10
12,296	20,138	-7,842	-38.9%	-28	-22	14,055	10,972	3,083	28.1%	5	7
51,363	56,661	-5,298	-9.4%	-9	-7	60,894	66,560	-5,666	-8.5%	-23	-10
21,272	26,612	-5,340	-20.1%	-11	-8	30,261	27,898	2,363	8.5%	-17	-7
65,374	61,864	3,510	5.7%	2	1	58,796	76,999	-18,204	-23.6%	-30	-16
15,868	18,505	-2,638	-14.3%	-4	-2	5,467	5,944	-477	-8.0%	-20	-14
110,223	86,529	23,695	27.4%	11	6	52,390	58,055	-5,665	-9.8%	-20	-11
31,118	29,183	1,934	6.6%	10	8	28,081	26,772	1,309	4.9%	-19	-8
61,091	53,111	7,979	15.0%	5	2	24,302	12,261	12,040	98.2%	30	29
59,052	60,751	-1,699	-2.8%	-2	1	52,404	27,739	24,666	88.9%	22	0
250,925	216,953	33,972	15.7%	0	0	186,751	103,806	82,946	79.9%	10	9
136,933	133,274	3,659	2.7%	-2	-2	131,947	116,580	15,367	13.2%	-2	2
32,586	39,576	-6,990	-17.7%	-8	-7	41,543	49,962	-8,419	-16.9%	-18	-7
13,566	12,593	973	7.7%	17	15	12,095	8,647	3,449	39.9%	8	12
30,497	29,970	527	1.8%	7	6	52,109	54,123	-2,014	-3.7%	-17	-9
25,877	18,776	7,101	37.8%	25	23	26,445	22,541	3,904	17.3%	-4	1
16,304	24,216	-7,912	-32.7%	-20	-15	13,949	13,142	806	6.1%	-11	-4
26,151	30,659	-4,508	-14.7%	-6	-2	14,608	11,020	3,588	32.6%	8	9
48,689	49,331	-642	-1.3%	-5	-5	23,505	23,002	503	2.2%	-24	-12
200,719	136,554	64,165	47.0%	12	5	123,155	55,905	67,251	120.3%	29	22
12,462	17,063	-4,601	-27.0%	-10	-7	15,595	6,737	8,858	131.5%	39	33
27,471	24,453	3,017	12.3%	14	0	28,686	11,111	17,575	158.2%	51	8
17,135	18,770	-1,635	-8.7%	2	3	20,201	19,191	1,010	5.3%	-15	-6
21,463	14,748	6,716	45.5%	40	35	17,667	17,589	78	0.4%	-13	-3
17,419	20,200	-2,781	-13.8%	-4	-2	4,706	4,461	245	5.5%	-7	-3
199,354	176,529	22,824	12.9%	1	1	181,315	82,688	98,627	119.3%	20	3
186,951	166,959	19,992	12.0%	2	2	96,852	51,041	45,812	89.8%	23	19
18,191	18,438	-247	-1.3%	10	11	10,854	9,911	942	9.5%	-3	1
81,474	101,114	-19,640	-19.4%	-16	-6	25,898	36,216	-10,318	-28.5%	-41	-15
27,326	36,079	-8,753	-24.3%	-11	-6	27,630	27,012	619	2.3%	-21	-10
71,659	62,187	9,472	15.2%	7	6	81,567	39,714	41,853	105.4%	24	22
133,181	127,629	5,552	4.3%	-3	-2	88,178	62,524	25,654	41.0%	4	-3
43,492	25,632	17,859	69.7%	34	26	38,747	36,477	2,270	6.2%	-7	0
115,141	118,689	-3,548	-3.0%	-3	-1	67,491	61,857	5,634	9.1%	-10	-3
13,351	9,846	3,505	35.6%	27	23	12,245	8,053	4,191	52.0%	15	17
37,973	47,315	-9,342	-19.7%	-20	-13	37,100	24,879	12,221	49.1%	19	19
26,072	44,563	-18,491	-41.5%	-36	-24	32,677	29,121	3,556	12.2%	-9	-2
50,815	71,329	-20,514	-28.8%	-20	-16	220,123	133,083	87,040	65.4%	4	4
31,870	44,655	-12,785	-28.6%	-23	-16	24,606	21,234	3,371	15.9%	-12	-4
61,046	73,742	-12,696	-17.2%	-12	-11	79,848	69,126	10,722	15.5%	-12	-2
66,635	62,856	3,780	6.0%	2	2	30,678	30,068	610	2.0%	-20	-10
23,915	32,836	-8,922	-27.2%	-17	-12	11,914	9,408	2,506	26.6%	3	7
65,655	80,311	-14,656	-18.2%	-9	-8	66,085	13,989	52,095	372.4%	90	72

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Total Research x \$1000	2009 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 Washington - Seattle	387,673	280,039	107,633	38.4%	4	3
Public	University of Wisconsin - Madison	337,215	322,730	14,485	4.5%	-5	-3
Public	University of Wyoming	37,200	27,348	9,852	36.0%	16	16
Public	Utah State University	56,366	53,483	2,883	5.4%	4	4
Private	Vanderbilt University	207,860	154,680	53,181	34.4%	6	2
Public	Virginia Commonwealth University	64,323	54,408	9,916	18.2%	10	6
Public	Virginia Polytechnic Inst. and St. U.	156,010	136,621	19,389	14.2%	0	0
Private	Wake Forest University	55,490	73,169	-17,679	-24.2%	-24	-11
Public	Washington State Univ. - Pullman	94,766	101,311	-6,545	-6.5%	-13	-6
Private	Washington University in St. Louis	225,776	206,412	19,364	9.4%	-4	-4
Public	Wayne State University	67,183	91,211	-24,028	-26.3%	-22	-14
Private	Weill Cornell Medical College	113,334	71,455	41,879	58.6%	28	7
Public	West Virginia University	53,515	51,156	2,360	4.6%	-1	0
Private	Woods Hole Oceanographic Inst.	59,216	55,164	4,053	7.3%	5	1
Private	Yale University	283,917	178,346	105,570	59.2%	16	3
Private	Yeshiva University	89,377	72,216	17,161	23.8%	9	-1

## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2018 Federal Research x \$1000	2009 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2018 Non-Federal Research x \$1000	2009 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
278,512	224,749	53,763	23.9%	0	0	109,161	55,290	53,870	97.4%	22	19
168,715	173,645	-4,930	-2.8%	-6	-4	168,500	149,085	19,415	13.0%	-5	-4
17,140	10,384	6,756	65.1%	42	34	20,060	16,963	3,097	18.3%	-5	3
41,889	32,532	9,357	28.8%	19	15	14,477	20,951	-6,474	-30.9%	-43	-28
135,058	121,254	13,804	11.4%	1	1	72,802	33,425	39,377	117.8%	26	2
38,852	34,905	3,947	11.3%	12	10	25,472	19,503	5,969	30.6%	2	5
55,339	49,622	5,717	11.5%	-1	-2	100,671	86,999	13,672	15.7%	-5	2
45,077	53,545	-8,468	-15.8%	-14	-4	10,413	19,624	-9,211	-46.9%	-62	-18
40,672	35,746	4,926	13.8%	11	10	54,094	65,565	-11,471	-17.5%	-28	-15
142,981	144,174	-1,193	-0.8%	-5	-2	82,794	62,238	20,556	33.0%	2	-4
32,605	42,421	-9,816	-23.1%	-15	-11	34,578	48,790	-14,212	-29.1%	-26	-13
47,544	46,375	1,168	2.5%	-3	0	65,790	25,080	40,710	162.3%	44	6
21,435	24,942	-3,507	-14.1%	-5	-2	32,080	26,214	5,866	22.4%	-2	3
45,305	43,037	2,268	5.3%	4	3	13,912	12,127	1,785	14.7%	-5	-6
162,312	137,086	25,226	18.4%	1	2	121,605	41,261	80,344	194.7%	43	8
57,687	52,655	5,032	9.6%	2	1	31,690	19,561	12,129	62.0%	18	1

## The Top American Research Universities

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2010 Endowment Assets x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University	394,437	269,737	124,700	46.2%	-9	-3
Public	Auburn University	420,053	205,925	214,129	104.0%	28	16
Public	Augusta University	131,073	59,879	71,193	118.9%	76	21
Private	Baylor College of Medicine	696,444	483,622	212,822	44.0%	-8	0
Private	Boston University	1,183,258	589,972	593,286	100.6%	15	11
Private	Brandeis University	572,792	369,347	203,445	55.1%	-6	1
Private	Brown University	1,972,746	1,333,846	638,900	47.9%	-4	-1
Private	California Institute of Technology	1,576,235	924,523	651,712	70.5%	4	4
Private	Carnegie Mellon University	1,306,089	498,707	807,382	161.9%	32	25
Private	Case Western Reserve University	1,008,803	927,010	81,793	8.8%	-19	-13
Public	Clemson University	406,062	218,945	187,118	85.5%	12	8
Public	Cleveland State University	45,965	24,690	21,276	86.2%	-5	-4
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	194,832	97,968	96,865	98.9%	39	10
Private	Columbia University	5,949,825	3,896,907	2,052,917	52.7%	-4	-2
Private	Cornell University	3,083,174	2,032,626	1,050,548	51.7%	0	0
Private	Dartmouth College	3,007,527	1,868,102	1,139,425	61.0%	0	0
Private	Drexel University	426,803	269,961	156,843	58.1%	5	2
Private	Duke University	4,666,501	2,936,665	1,729,836	58.9%	1	1
Private	Emory University	3,991,731	2,862,395	1,129,336	39.5%	-1	-1
Public	Florida International University	114,536	54,594	59,943	109.8%	67	14
Public	Florida State University	372,982	270,912	102,070	37.7%	-22	-8
Public	George Mason University	50,228	27,691	22,538	81.4%	7	-2
Private	George Washington University	984,669	668,702	315,967	47.3%	-5	-2
Private	Georgetown University	968,656	584,048	384,607	65.9%	5	5
Public	Georgia Institute of Technology	1,143,759	817,160	326,599	40.0%	-4	-2
Public	Georgia State University	91,478	50,097	41,381	82.6%	11	-2
Private	Harvard University	20,964,373	17,285,217	3,679,155	21.3%	0	0
Private	Icahn School of Med. at Mount Sinai	409,550	293,059	116,491	39.8%	-15	-8
Public	Indiana University - Bloomington	631,717	481,786	149,931	31.1%	-14	-12
Public	Iowa State University	581,712	299,046	282,666	94.5%	24	3
Private	Johns Hopkins University	2,293,891	1,307,323	986,567	75.5%	-1	1
Public	Kansas State University	258,756	171,812	86,944	50.6%	-13	-11
Public	Louisiana State Univ. - Baton Rouge	273,339	181,858	91,482	50.3%	-17	-9
Private	Massachusetts Inst. of Technology	9,048,211	5,211,256	3,836,955	73.6%	0	0
Private	Medical College of Wisconsin	509,608	249,117	260,491	104.6%	29	21
Public	Medical University of South Carolina	203,250	96,330	106,921	111.0%	51	15
Public	Michigan State University	1,793,221	887,077	906,143	102.1%	8	2
Public	Mississippi State University	277,060	168,188	108,872	64.7%	-4	-4
Public	Montana State University - Bozeman	97,523	57,362	40,160	70.0%	7	-4
Public	Naval Postgraduate School		1,440				
Public	New Jersey Institute of Technology	65,725	37,705	28,021	74.3%	12	-2
Public	New Mexico State Univ. - Las Cruces	96,142	92,241	3,901	4.2%	-93	-37
Private	New York University	2,333,082	1,384,961	948,122	68.5%	-2	0
Public	North Carolina State University	708,195	306,755	401,440	130.9%	39	11
Private	Northeastern University	454,960	321,967	132,993	41.3%	-9	-1
Private	Northwestern University	6,069,385	3,600,950	2,468,434	68.5%	-1	0
Public	Ohio State University - Columbus	2,852,739	1,092,177	1,760,562	161.2%	9	5
Public	Oklahoma State University - Stillwater	351,923	202,688	149,235	73.6%	3	7



# The Top American Research Universities

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2019 Annual Giving x \$1000	2010 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2019 Doctorates Awarded	2010 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
112,778	104,599	8,178	7.8%	-6	-5	692	418	274	65.6%	21	13
65,926	40,895	25,031	61.2%	24	14	253	222	31	14.0%	-3	-2
7,203	7,020	183	2.6%	-49	-27	35	137	-102	-74.5%	-189	-103
31,560	51,774	-20,215	-39.0%	-50	-18	100	80	20	25.0%	15	7
86,740	49,114	37,626	76.6%	29	11	535	548	-13	-2.4%	-9	-4
31,677	51,695	-20,018	-38.7%	-48	-16	81	84	-3	-3.6%	-21	-12
127,989	127,522	466	0.4%	-11	-6	208	187	21	11.2%	-2	-1
129,192	87,292	41,900	48.0%	7	5	191	193	-2	-1.0%	-13	-5
79,753	38,662	41,091	106.3%	40	16	322	245	77	31.4%	8	5
61,863	52,675	9,188	17.4%	-4	1	219	305	-86	-28.2%	-37	-9
56,850	20,964	35,886	171.2%	71	34	232	162	70	43.2%	16	9
9,257	5,543	3,714	67.0%	86	21	46	50	-4	-8.0%	-34	-16
43,279	30,832	12,447	40.4%	12	7	250	227	23	10.1%	-6	-5
552,744	273,354	279,389	102.2%	2	2	669	590	79	13.4%	1	1
224,932	185,238	39,694	21.4%	-4	-2	540	516	24	4.7%	-6	-1
149,232	90,669	58,563	64.6%	10	7	81	77	4	5.2%	-15	-8
47,504	35,772	11,732	32.8%	10	5	231	115	116	100.9%	51	20
282,946	199,479	83,466	41.8%	1	1	669	333	336	100.9%	37	13
138,067	93,327	44,740	47.9%	7	4	276	220	56	25.5%	5	4
18,961	11,732	7,229	61.6%	32	8	200	127	73	57.5%	28	17
45,041	31,296	13,745	43.9%	12	8	422	343	79	23.0%	9	7
37,528	17,514	20,014	114.3%	52	23	300	202	98	48.5%	19	12
41,976	55,976	-13,999	-25.0%	-41	-13	265	294	-29	-9.9%	-17	-3
83,973	119,814	-35,841	-29.9%	-26	-8	131	103	28	27.2%	12	9
76,876	74,755	2,121	2.8%	-14	-12	530	490	40	8.2%	-6	-5
19,856	9,206	10,650	115.7%	92	37	259	213	46	21.6%	2	2
776,597	397,862	378,736	95.2%	1	1	750	646	104	16.1%	4	1
68,309	74,199	-5,890	-7.9%	-19	-2	49	27	22	81.5%	48	25
133,261	80,564	52,697	65.4%	10	4	500	441	59	13.4%	-2	-2
92,467	41,775	50,692	121.3%	44	29	416	316	100	31.6%	9	6
396,098	286,599	109,499	38.2%	-2	0	591	434	157	36.2%	13	4
58,560	35,024	23,536	67.2%	25	11	180	147	33	22.4%	2	1
60,361	57,328	3,033	5.3%	-13	-10	299	240	59	24.6%	4	-1
257,241	211,004	46,237	21.9%	-4	-3	645	607	38	6.3%	-4	-2
9,327						32	25	7	28.0%	2	2
33,440	31,039	2,401	7.7%	-7	-6	163	107	56	52.3%	29	16
99,035	81,158	17,876	22.0%	-2	-6	553	489	64	13.1%	1	-1
44,114	25,303	18,811	74.3%	28	18	173	123	50	40.7%	23	13
16,020	6,682	9,338	139.8%	134	44	71	45	26	57.8%	40	23
						12	15	-3	-20.0%	-86	-29
6,465	6,080	385	6.3%	-36	-24	73	59	14	23.7%	12	8
9,475	6,831	2,644	38.7%	35	1	126	71	55	77.5%	49	25
275,018	221,395	53,623	24.2%	-4	-3	435	453	-18	-4.0%	-10	-3
90,351	59,309	31,042	52.3%	13	8	533	457	76	16.6%	0	1
26,414	18,918	7,496	39.6%	18	14	184	234	-50	-21.4%	-33	-9
217,380	120,185	97,194	80.9%	9	2	443	374	69	18.4%	7	3
239,200	156,762	82,437	52.6%	5	5	855	738	117	15.9%	7	5
46,660						243	172	71	41.3%	14	10

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Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2010 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	Oregon Health & Science University	408,220	229,173	179,047	78.1%	6	4
Public	Oregon State University	326,121	217,677	108,444	49.8%	-14	-3
Public	Penn. State Univ. - Hershey Med. Ctr.	301,506	121,614	179,892	147.9%	54	16
Public	Pennsylvania State Univ. - Univ. Park	1,281,402	599,963	681,438	113.6%	16	4
Private	Princeton University	14,187,075	8,341,845	5,845,230	70.1%	0	0
Public	Purdue University - West Lafayette	1,381,512	963,873	417,639	43.3%	-3	-2
Private	Rensselaer Polytechnic Institute	393,142	405,272	-12,130	-3.0%	-61	-36
Private	Rice University	3,436,307	2,389,200	1,047,107	43.8%	-1	0
Private	Rockefeller University	1,201,130	1,010,253	190,876	18.9%	-11	-7
Private	Rush University	329,968	224,712	105,257	46.8%	-19	-13
Public	Rutgers University - New Brunswick	598,978	331,571	267,407	80.6%	17	0
Private	Scripps Research Institute						
Private	Stanford University	14,486,893	8,351,620	6,135,273	73.5%	0	0
Public	State Univ. of NY - Polytechnic Inst.	3,807					
Public	Stony Brook University	166,966	63,279	103,687	163.9%	95	27
Public	Temple University	351,609	138,901	212,708	153.1%	58	23
Public	Texas A&M Univ. - College Station	7,002,474	3,023,964	3,978,510	131.6%	5	1
Private	Thomas Jefferson University	510,668	292,982	217,686	74.3%	11	14
Private	Tufts University	1,010,476	729,705	280,771	38.5%	-6	-4
Private	Tulane University	757,805	534,237	223,568	41.8%	-2	2
Public	Uniformed Services Univ of the HS						
Public	University at Albany	39,249	16,376	22,873	139.7%	32	11
Public	University at Buffalo	396,865	270,293	126,572	46.8%	-10	-3
Public	University of Alabama - Birmingham	276,180	186,985	89,195	47.7%	-23	-12
Public	University of Alabama - Huntsville	42,996	30,549	12,446	40.7%	-88	-44
Public	University of Alaska - Fairbanks	115,751	88,409	27,342	30.9%	-29	-13
Public	University of Arizona	525,303	288,726	236,577	81.9%	20	2
Public	University of Arkansas - Fayetteville	649,060	412,444	236,617	57.4%	-1	-5
Public	Univ. of Arkansas for Med. Sciences	20,557	14,711	5,845	39.7%	-187	-79
Public	University of California - Berkeley	2,589,660	1,578,418	1,011,242	64.1%	0	-1
Public	University of California - Davis	775,306	356,293	419,012	117.6%	29	10
Public	University of California - Irvine	532,174	141,159	391,015	277.0%	109	38
Public	University of California - Los Angeles	2,522,435	1,243,938	1,278,497	102.8%	4	1
Public	University of California - Riverside	136,970	65,887	71,083	107.9%	63	13
Public	University of California - San Diego	889,901	285,494	604,407	211.7%	68	26
Public	Univ. of California - San Francisco	1,758,721	734,468	1,024,253	139.5%	15	4
Public	Univ. of California - Santa Barbara	115,037	102,130	12,907	12.6%	-68	-34
Public	University of California - Santa Cruz	111,140	62,507	48,632	77.8%	20	-3
Public	University of Central Florida	89,479	60,807	28,672	47.2%	-33	-16
Private	University of Chicago	4,340,053	3,368,720	971,333	28.8%	-3	-2
Public	University of Cincinnati - Cincinnati	748,296	550,813	197,483	35.9%	-4	-5
Public	University of Colorado - Boulder	358,862	221,679	137,183	61.9%	-8	0
Public	U. of Colorado - Denver/Anschutz Med.	309,111	161,649	147,462	91.2%	25	9
Public	University of Connecticut - Health Ctr.	61,936	44,632	17,304	38.8%	-57	-24
Public	University of Connecticut - Storrs	182,870	123,791	59,080	47.7%	-15	-11
Private	University of Dayton	311,128	211,614	99,514	47.0%	-21	-14
Public	University of Delaware	773,584	666,884	106,700	16.0%	-14	-6
Public	University of Florida	949,553	668,303	281,250	42.1%	-6	-3
Public	University of Georgia	697,575	378,597	318,978	84.3%	9	1

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81,511	76,194	5,317	7.0%	-11	-10	54	46	8	17.4%	-2	2
60,064	47,104	12,960	27.5%	4	0	249	178	71	39.9%	15	11
29,182	22,192	6,991	31.5%	11	2	37	32	5	15.6%	-8	-1
112,626	96,626	16,000	16.6%	-4	-5	668	632	36	5.7%	-4	-2
147,756	141,619	6,137	4.3%	-8	-4	396	349	47	13.5%	2	1
105,267	114,957	-9,690	-8.4%	-13	-10	745	651	94	14.4%	2	2
24,734	24,113	621	2.6%	-16	-7	164	131	33	25.2%	9	4
62,675	63,212	-537	-0.8%	-16	-1	207	168	39	23.2%	4	0
38,762	56,572	-17,810	-31.5%	-47	-16	30	41	-11	-26.8%	-61	-37
9,051	0	9,051		750	367	14	48	-34	-70.8%	-189	-117
87,298	63,743	23,554	37.0%	6	2	737	410	327	79.8%	26	17
600,531	423,303	177,228	41.9%	-1	-1	726	661	65	9.8%	-1	-1
187	93	95	102.2%	118	54	5	0	5		-19	-15
28,587	27,135	1,452	5.4%	-18	-10	311	341	-30	-8.8%	-14	-12
41,977	26,465	15,513	58.6%	16	9	217	405	-188	-46.4%	-56	-40
167,317	123,397	43,919	35.6%	1	2	758	597	161	27.0%	8	5
30,808	23,798	7,010	29.5%	5	3	15	73	-58	-79.5%	-227	-127
38,627	45,086	-6,459	-14.3%	-31	-10	158	133	25	18.8%	-4	-2
56,768	38,263	18,505	48.4%	16	10	130	113	17	15.0%	2	4
5,015	4,564	450	9.9%	-20	-14	172	131	41	31.3%	11	7
30,561	15,925	14,635	91.9%	47	19	332	367	-35	-9.5%	-14	-12
43,208	57,068	-13,859	-24.3%	-38	-25	161	186	-25	-13.4%	-26	-17
1,561	1,041	520	49.9%	100	37	25	32	-7	-21.9%	-60	-17
19,333	9,638	9,695	100.6%	78	31	55	37	18	48.6%	35	19
152,143	93,499	58,645	62.7%	11	5	451	479	-28	-5.8%	-10	-9
121,477	54,194	67,283	124.2%	35	24	204	160	44	27.5%	6	5
10,898	11,998	-1,100	-9.2%	-43	-20	42	38	4	10.5%	-9	-2
229,561	168,694	60,867	36.1%	1	2	871	869	2	0.2%	-1	-1
94,187	61,175	33,012	54.0%	15	10	562	500	62	12.4%	0	-2
111,325	49,969	61,356	122.8%	40	26	380	402	-22	-5.5%	-9	-5
430,613	232,572	198,041	85.2%	4	0	721	760	-39	-5.1%	-6	-4
12,596	13,559	-963	-7.1%	-47	-25	305	188	117	62.2%	27	18
153,273	66,729	86,544	129.7%	31	19	515	437	78	17.8%	2	2
399,749	198,670	201,078	101.2%	9	2	135	153	-18	-11.8%	-27	-20
50,669	26,923	23,746	88.2%	29	17	361	347	14	4.0%	-3	-4
20,822	21,306	-484	-2.3%	-24	-15	159	145	14	9.7%	-10	-7
21,381	10,388	10,994	105.8%	82	30	277	192	85	44.3%	18	11
315,323	164,534	150,789	91.6%	9	4	439	366	73	19.9%	8	3
65,735	59,336	6,399	10.8%	-9	-9	244	250	-6	-2.4%	-16	-12
81,156	44,813	36,343	81.1%	28	17	407	300	107	35.7%	13	9
91,517	34,248	57,268	167.2%	59	37	128	152	-24	-15.8%	-33	-23
2,856	3,975	-1,119	-28.1%	-118	-52	26	22	4	18.2%	-8	2
27,209	18,460	8,749	47.4%	23	7	316	238	78	32.8%	10	5
19,032	13,992	5,040	36.0%	1	5	41	20	21	105.0%	65	38
26,366	18,458	7,908	42.8%	21	6	258	251	7	2.8%	-13	-9
186,043	133,962	52,081	38.9%	0	2	772	841	-69	-8.2%	-4	-4
93,251	44,552	48,699	109.3%	40	27	546	459	87	19.0%	2	1

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Public	University of Hawaii - Manoa	175,737	98,636	77,102	78.2%	22	2
Public	University of Houston - Univ. Park	351,345	292,113	59,232	20.3%	-37	-17
Public	University of Idaho	153,818	98,659	55,158	55.9%	0	-8
Public	University of Illinois - Chicago	191,997	99,298	92,699	93.4%	32	6
Public	Univ. of Illinois - Urbana-Champaign	985,405	567,917	417,488	73.5%	9	1
Public	University of Iowa	821,350	446,844	374,506	83.8%	12	3
Public	University of Kansas - Lawrence	734,681	496,587	238,094	47.9%	-2	-6
Public	University of Kansas Medical Center	218,213	135,203	83,010	61.4%	4	-3
Public	University of Kentucky	745,146	460,828	284,318	61.7%	4	-3
Public	University of Louisville	389,910	396,590	-6,679	-1.7%	-61	-24
Public	University of Maryland - Baltimore	171,470	94,836	76,634	80.8%	25	7
Public	Univ. of Maryland - Baltimore County	53,013	28,748	24,265	84.4%	12	-1
Public	University of Maryland - College Park	331,473	215,213	116,260	54.0%	-10	-1
Public	Univ. of Massachusetts - Amherst	189,922	105,938	83,984	79.3%	16	-1
Public	Univ. of Mass. Med. Sch. - Worcester	113,586	75,408	38,177	50.6%	-4	-8
Private	University of Miami	559,173	356,180	202,993	57.0%	-2	4
Public	University of Michigan - Ann Arbor	6,515,023	3,968,347	2,546,677	64.2%	-3	-2
Public	University of Minnesota - Twin Cities	2,034,946	1,379,174	655,772	47.5%	-4	-3
Public	University of Missouri - Columbia	550,203	291,582	258,621	88.7%	25	4
Public	University of Montana - Missoula	103,738	71,414	32,323	45.3%	-20	-15
Public	University of Nebraska - Lincoln	535,765	414,769	120,996	29.2%	-23	-16
Public	University of Nebraska Medical Ctr.	153,075	95,716	57,360	59.9%	5	-3
Public	University of Nevada - Reno	196,206	122,793	73,413	59.8%	0	-4
Public	Univ. of New Hampshire - Durham	213,208	120,525	92,683	76.9%	17	2
Public	Univ. of New Mexico - Albuquerque	247,713	184,959	62,754	33.9%	-31	-18
Public	Univ. of North Carolina - Chapel Hill	1,879,175	1,259,830	619,345	49.2%	-3	-3
Public	University of North Dakota	152,496	62,174	90,322	145.3%	89	24
Private	University of Notre Dame	5,872,317	3,171,134	2,701,183	85.2%	0	1
Public	University of Oklahoma - HSC	312,559	162,046	150,513	92.9%	27	10
Public	University of Oklahoma - Norman	637,469	398,668	238,801	59.9%	0	-5
Public	University of Oregon	499,509	255,598	243,911	95.4%	26	7
Private	University of Pennsylvania	7,541,771	3,419,277	4,122,494	120.6%	4	2
Public	University of Pittsburgh - Pittsburgh	2,299,193	1,214,951	1,084,242	89.2%	3	1
Public	University of Rhode Island	76,405	48,003	28,402	59.2%	-22	-10
Private	University of Rochester	1,192,165	869,347	322,818	37.1%	-3	-1
Public	Univ. of South Carolina - Columbia	417,001	258,878	158,123	61.1%	5	3
Public	University of South Florida - Tampa	262,986	182,121	80,865	44.4%	-22	-13
Private	University of Southern California	3,037,827	1,766,614	1,271,213	72.0%	2	2
Public	University of Tennessee - Knoxville	388,531	345,753	42,779	12.4%	-47	-21
Public	University of Texas - Austin	7,526,878	3,834,435	3,692,443	96.3%	1	1
Public	University of Texas - El Paso	143,636	88,767	54,869	61.8%	15	-1
Public	University of Texas HSC - Houston	289,352	102,187	187,165	183.2%	74	19
Public	Univ. of Texas HSC - San Antonio	324,536	227,442	97,095	42.7%	-24	-9
Public	U. of Texas MD Anderson Cancer Ctr.	762,736	361,939	400,797	110.7%	25	7
Public	U. of Texas Med. Branch - Galveston	313,835	260,665	53,170	20.4%	-34	-15
Public	Univ. of Texas SW Med. Ctr. - Dallas	1,089,684	757,483	332,201	43.9%	-5	-2
Public	University of Utah	649,738	339,511	310,226	91.4%	23	4
Public	University of Vermont	303,799	179,567	124,232	69.2%	2	1
Public	University of Virginia	3,753,144	2,365,646	1,387,498	58.7%	1	0

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23,522	26,489	-2,967	-11.2%	-29	-16	204	205	-1	-0.5%	-15	-9
53,679	48,416	5,262	10.9%	-5	-7	389	231	158	68.4%	28	19
16,141	10,997	5,144	46.8%	27	9	47	88	-41	-46.6%	-98	-52
31,275	41,969	-10,694	-25.5%	-35	-22	349	292	57	19.5%	5	2
127,717	96,073	31,644	32.9%	0	-1	816	780	36	4.6%	2	1
74,236	77,322	-3,086	-4.0%	-20	-18	452	404	48	11.9%	5	4
80,352	55,184	25,168	45.6%	11	5	325	242	83	34.3%	11	4
21,359	13,796	7,563	54.8%	30	7	41	21	20	95.2%	58	26
81,742	44,168	37,573	85.1%	34	23	309	312	-3	-1.0%	-12	-11
43,311	36,229	7,082	19.5%	2	0	164	142	22	15.5%	-1	-2
31,242	52,453	-21,211	-40.4%	-54	-35	88	86	2	2.3%	-16	-9
8,077	8,924	-847	-9.5%	-65	-30	94	86	8	9.3%	-3	-1
68,345	61,293	7,052	11.5%	-6	-8	641	577	64	11.1%	-2	-1
22,186	15,297	6,890	45.0%	21	6	295	255	40	15.7%	-5	-7
19,681	4,457	15,224	341.6%	282	99	68	55	13	23.6%	11	8
98,587	101,523	-2,937	-2.9%	-11	-1	212	156	56	35.9%	11	5
268,245	174,140	94,105	54.0%	2	2	874	842	32	3.8%	1	1
201,138	171,822	29,315	17.1%	-4	-1	702	680	22	3.2%	-4	-2
80,856	67,394	13,462	20.0%	-4	-6	501	306	195	63.7%	25	18
22,661	15,889	6,772	42.6%	22	6	39	95	-56	-58.9%	-129	-70
64,587	44,647	19,940	44.7%	14	6	283	257	26	10.1%	-7	-9
52,715	37,065	15,649	42.2%	14	5	65	83	-18	-21.7%	-45	-24
23,787	17,179	6,609	38.5%	20	6	134	126	8	6.3%	-6	-8
13,685	10,203	3,482	34.1%	25	10	76	56	20	35.7%	23	16
41,405	41,501	-96	-0.2%	-17	-12	198	208	-10	-4.8%	-19	-13
205,020	178,624	26,396	14.8%	-5	-2	501	483	18	3.7%	-6	-5
13,348	4,285	9,063	211.5%	242	83	74	105	-31	-29.5%	-58	-32
275,217	123,301	151,915	123.2%	15	5	281	165	116	70.3%	31	12
6,526	13,209	-6,683	-50.6%	-204	-83	25	32	-7	-21.9%	-60	-17
58,734	76,650	-17,916	-23.4%	-38	-31	239	204	35	17.2%	-2	-2
105,750	65,825	39,925	60.7%	16	9	182	173	9	5.2%	-9	-5
392,775	290,819	101,956	35.1%	-4	-2	551	544	7	1.3%	-5	-1
71,189	76,124	-4,935	-6.5%	-19	-17	419	448	-29	-6.5%	-13	-9
13,241	8,935	4,306	48.2%	47	18	110	90	20	22.2%	4	-3
62,035	42,453	19,582	46.1%	15	8	261	275	-14	-5.1%	-16	-4
60,443	50,146	10,298	20.5%	1	-2	388	270	118	43.7%	15	9
30,768	22,491	8,277	36.8%	14	4	374	288	86	29.9%	10	6
355,794	244,007	111,787	45.8%	-3	0	762	803	-41	-5.1%	-4	-1
56,475	59,062	-2,587	-4.4%	-22	-17	393	410	-17	-4.1%	-11	-7
195,942	157,392	38,550	24.5%	-2	0	855	818	37	4.5%	1	1
10,151	14,131	-3,980	-28.2%	-99	-43	92	45	47	104.4%	68	36
30,918	24,893	6,025	24.2%	3	2	178	122	56	45.9%	25	15
23,037	25,949	-2,912	-11.2%	-29	-14	48	44	4	9.1%	-7	-2
81,170	61,355	19,815	32.3%	3	0						
37,995	18,780	19,215	102.3%	46	19	40	58	-18	-31.0%	-67	-32
63,345	76,007	-12,663	-16.7%	-27	-23	78	112	-34	-30.4%	-59	-32
128,100	70,664	57,436	81.3%	17	11	346	312	34	10.9%	-3	-4
22,868	17,636	5,233	29.7%	11	1	66	61	5	8.2%	-9	-3
150,925	154,396	-3,471	-2.2%	-6	-3	360	360	0	0.0%	-6	-6

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2019 Endowment Assets x \$1000	2010 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 Washington - Seattle	1,513,104	1,090,589	422,516	38.7%	-4	-3
Public	University of Wisconsin - Madison	1,842,542	1,036,179	806,363	77.8%	1	1
Public	University of Wyoming	301,568	164,903	136,664	82.9%	14	4
Public	Utah State University	205,507	99,978	105,529	105.6%	38	8
Private	Vanderbilt University	2,522,672	1,896,305	626,367	33.0%	-4	-2
Public	Virginia Commonwealth University	1,068,162	167,245	900,917	538.7%	142	57
Public	Virginia Polytechnic Inst. and St. U.	627,351	298,738	328,612	110.0%	32	6
Private	Wake Forest University	732,970	586,415	146,555	25.0%	-14	-5
Public	Washington State Univ. - Pullman	560,746	409,851	150,894	36.8%	-13	-11
Private	Washington University in St. Louis	4,157,043	2,698,470	1,458,572	54.1%	1	1
Public	Wayne State University	206,078	135,255	70,823	52.4%	-6	-6
Private	Weill Cornell Medical College	874,687	590,117	284,570	48.2%	-6	-4
Public	West Virginia University	324,655	208,390	116,265	55.8%	-10	-1
Private	Woods Hole Oceanographic Inst.		174,941				
Private	Yale University	16,066,792	10,797,045	5,269,747	48.8%	0	0
Private	Yeshiva University	354,507	647,699	-293,192	-45.3%	-104	-65

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2019 Annual Giving x \$1000	2010 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2019 Doctorates Awarded	2010 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
372,808	213,960	158,848	74.2%	3	0	633	683	-50	-7.3%	-12	-7
150,516	226,036	-75,519	-33.4%	-21	-13	805	786	19	2.4%	0	-1
26,239	13,452	12,787	95.1%	55	20	113	69	44	63.8%	40	19
16,049	20,287	-4,238	-20.9%	-57	-28	99	88	11	12.5%	-1	0
95,057	106,082	-11,025	-10.4%	-15	-4	324	282	42	14.9%	0	3
38,895	40,434	-1,539	-3.8%	-18	-12	326	227	99	43.6%	17	9
72,753	51,995	20,758	39.9%	11	5	472	435	37	8.5%	-1	-1
97,491	39,767	57,724	145.2%	53	17	36	60	-24	-40.0%	-81	-42
46,599	39,790	6,809	17.1%	-2	0	336	195	141	72.3%	32	22
189,933	101,144	88,789	87.8%	12	6	262	250	12	4.8%	-9	-2
42,191	26,078	16,113	61.8%	18	11	223	252	-29	-11.5%	-25	-20
52,762	110,198	-57,436	-52.1%	-59	-16	56	57	-1	-1.8%	-16	-10
59,325	37,711	21,614	57.3%	22	10	190	186	4	2.2%	-9	-5
	7,014										
320,747	236,843	83,904	35.4%	-3	0	433	390	43	11.0%	2	-2
18,161	67,669	-49,508	-73.2%	-150	-66	101	125	-24	-19.2%	-36	-12

## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2009 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University	1245	1080	165	15.3%	307	87
Public	Auburn University	1295	1190	105	8.8%	49	7
Public	Augusta University	1176					
Private	Baylor College of Medicine						
Private	Boston University	1415	1270	145	11.4%	51	42
Private	Brown University	1485	1425	60	4.2%	1	1
Private	California Institute of Technology	1555	1515	40	2.6%	0	0
Private	Carnegie Mellon University	1500	1395	105	7.5%	21	21
Private	Case Western Reserve University	1430	1340	90	6.7%	12	12
Public	Clemson University	1310	1225	85	6.9%	18	-3
Public	Cleveland State University	1110	970	140	14.4%	407	138
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	1175	1130	45	4.0%	-71	-48
Private	Columbia University	1505	1455	50	3.4%	5	5
Private	Cornell University	1465	1395	70	5.0%	5	5
Private	Dartmouth College	1490	1440	50	3.5%	-4	-4
Private	Drexel University	1275	1205	70	5.8%	-2	10
Private	Duke University	1500	1440	60	4.2%	5	5
Private	Emory University	1435	1405	30	2.1%	-12	-11
Public	Florida International University	1175	1100	75	6.8%	43	-13
Public	Florida State University	1275	1200	75	6.3%	16	-7
Public	George Mason University	1220	1140	80	7.0%	46	4
Private	George Washington University	1370	1280	90	7.0%	9	9
Private	Georgetown University	1450	1400	50	3.6%	-1	0
Public	Georgia Institute of Technology	1465	1335	130	9.7%	30	1
Public	Georgia State University	1155	1070	85	7.9%	94	-5
Private	Harvard University	1520	1475	45	3.1%	2	2
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	1255	1175	80	6.8%	33	0
Public	Iowa State University	1210	1150	60	5.2%	7	-9
Private	Johns Hopkins University	1500	1400	100	7.1%	19	19
Public	Kansas State University		1110				
Public	Louisiana State Univ. - Baton Rouge	1240	1170	70	6.0%	22	-6
Private	Massachusetts Inst. of Technology	1535	1465	70	4.8%	6	6
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	1210	1150	60	5.2%	7	-9
Public	Mississippi State University	1225	1090	135	12.4%	207	57
Public	Montana State University - Bozeman	1195	1110	85	7.7%	70	3
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	1285	1125	160	14.2%	195	55
Public	New Mexico State Univ. - Las Cruces	1040	970	70	7.2%	58	-9
Private	New York University	1410	1320	90	6.8%	6	6
Public	North Carolina State University	1340	1180	160	13.6%	124	37
Private	Northeastern University	1460	1285	175	13.6%	55	47
Private	Northwestern University	1500	1445	55	3.8%	4	4
Public	Ohio State University - Columbus	1355	1240	115	9.3%	41	10
Public	Oklahoma State University - Stillwater	1210	1130	80	7.1%	40	2
Public	Oregon Health & Science University						



# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2019 National Merit Scholars	2010 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2018 Total Student Headcount	Fall 2009 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
136	104	32	30.8%	10	3	111,249	68,064	43,185	63.4%
34	145	-111	-76.6%	-50	-27	30,440	24,602	5,838	23.7%
1	0	1		164	50	8,458			
						1,581	1,428	153	10.7%
66	42	24	57.1%	21	15	34,657	31,960	2,697	8.4%
87	97	-10	-10.3%	2	2	10,257	8,574	1,683	19.6%
40	42	-2	-4.8%	2	5	2,233	2,130	103	4.8%
51	27	24	88.9%	36	24	14,029	11,197	2,832	25.3%
51	39	12	30.8%	17	11	11,890	9,738	2,152	22.1%
44	40	4	10.0%	10	3	24,951	19,111	5,840	30.6%
1	2	-1	-50.0%	9	-11	16,069	16,216	-147	-0.9%
7	3	4	133.3%	91	21	33,478	28,902	4,576	15.8%
67	87	-20	-23.0%	-5	2	31,077	24,230	6,847	28.3%
74	61	13	21.3%	12	10	23,600	20,633	2,967	14.4%
58	95	-37	-38.9%	-14	-5	6,572	5,987	585	9.8%
3	5	-2	-40.0%	1	14	24,634	22,493	2,141	9.5%
119	124	-5	-4.0%	3	2	16,606	14,350	2,256	15.7%
67	80	-13	-16.3%	-3	3	14,458	12,930	1,528	11.8%
0	0	0		91	20	57,942	39,610	18,332	46.3%
20	21	-1	-4.8%	10	-4	41,005	39,785	1,220	3.1%
0	0	0		91	20	37,316	32,067	5,249	16.4%
0	20	-20	-100.0%	-202	-113	28,172	25,061	3,111	12.4%
36	33	3	9.1%	6	7	19,204	16,520	2,684	16.2%
88	132	-44	-33.3%	-3	-3	32,723	20,291	12,432	61.3%
0	2	-2	-100.0%	-64	-41	34,316	30,427	3,889	12.8%
207	325	-118	-36.3%	-6	-4	31,566	27,651	3,915	14.2%
						1,214	1,004	210	20.9%
64	63	1	1.6%	2	-2	43,503	42,347	1,156	2.7%
34	48	-14	-29.2%	-16	-11	34,992	27,945	7,047	25.2%
51	32	19	59.4%	27	18	26,152	20,383	5,769	28.3%
8	12	-4	-33.3%	8	-2	22,221	23,581	-1,360	-5.8%
30	42	-12	-28.6%	-17	-14	30,983	28,643	2,340	8.2%
134	166	-32	-19.3%	2	3	11,574	10,384	1,190	11.5%
						1,413	1,233	180	14.6%
						2,944	2,513	431	17.2%
51	42	9	21.4%	11	2	50,351	47,071	3,280	7.0%
31	21	10	47.6%	29	8	21,974	18,601	3,373	18.1%
9	7	2	28.6%	48	12	16,814	12,348	4,466	36.2%
						2,737	2,484	253	10.2%
0	1	-1	-100.0%	-34	-27	11,423	8,840	2,583	29.2%
0	0	0		91	20	14,289	18,526	-4,237	-22.9%
19	106	-87	-82.1%	-70	-28	51,847	43,404	8,443	19.5%
9	5	4	80.0%	71	17	35,479	33,819	1,660	4.9%
155	67	88	131.3%	25	14	21,627	27,537	-5,910	-21.5%
244	241	3	1.2%	1	3	22,127	19,853	2,274	11.5%
36	100	-64	-64.0%	-37	-20	61,170	55,014	6,156	11.2%
23	31	-8	-25.8%	-8	-13	24,690	23,033	1,657	7.2%
						2,999	2,583	416	16.1%

## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2009 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Oregon State University	1195	1085	110	10.1%	193	44
Public	Penn. State Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	1260	1200	60	5.0%	-1	-13
Private	Princeton University	1505	1485	20	1.3%	-2	-2
Public	Purdue University - West Lafayette	1295	1160	135	11.6%	125	35
Private	Rensselaer Polytechnic Institute	1415	1360	55	4.0%	-4	-1
Private	Rice University	1500	1425	75	5.3%	11	11
Private	Rockefeller University						
Private	Rush University						
Public	Rutgers University - New Brunswick	1300	1185	115	9.7%	76	17
Private	Scripps Research Institute						
Private	Stanford University	1495	1440	55	3.8%	-3	-3
Public	State Univ. of NY - Polytechnic Inst.	1175	1085	90	8.3%	116	9
Public	Stony Brook University	1325	1195	130	10.9%	77	19
Public	Temple University		1105				
Public	Texas A&M Univ. - College Station	1275	1190	85	7.1%	24	-3
Private	Thomas Jefferson University	1150				933	586
Private	Tufts University	1445	1450	-5	-0.3%	-19	-18
Private	Tulane University	1415	1320	95	7.2%	13	12
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	1180	1100	80	7.3%	83	8
Public	University at Buffalo	1245	1150	95	8.3%	71	13
Public	University of Alabama - Birmingham	1210	1110	100	9.0%	104	18
Public	University of Alabama - Huntsville	1310	1150	160	13.9%	154	48
Public	University of Alaska - Fairbanks	1095	1035	60	5.8%	-14	-37
Public	University of Arizona	1195	1095	100	9.1%	131	28
Public	University of Arkansas - Fayetteville	1240	1190	50	4.2%	-22	-23
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	1425	1330	95	7.1%	14	2
Public	University of California - Davis	1280	1175	105	8.9%	74	14
Public	University of California - Irvine	1300	1175	125	10.6%	95	24
Public	University of California - Los Angeles	1405	1275	130	10.2%	38	7
Public	University of California - Riverside	1220	1045	175	16.7%	441	140
Public	University of California - San Diego	1365	1255	110	8.8%	35	7
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	1345	1180	165	14.0%	127	38
Public	University of California - Santa Cruz	1295	1150	145	12.6%	137	40
Public	University of Central Florida	1250	1180	70	5.9%	19	-7
Private	University of Chicago	1500	1465	35	2.4%	-1	-1
Public	University of Cincinnati - Cincinnati	1260	1130	130	11.5%	128	35
Public	University of Colorado - Boulder	1255	1205	50	4.1%	-33	-23
Public	U. of Colorado - Denver/Anschutz Med.	1115	1050	65	6.2%	-9	-34
Public	University of Connecticut - Health Ctr.						
Public	University of Connecticut - Storrs	1315	1215	100	8.2%	31	2
Private	University of Dayton	1280	1170	110	9.4%	78	61
Public	University of Delaware	1255	1170	85	7.3%	37	3
Public	University of Florida	1360	1250	110	8.8%	36	7
Public	University of Georgia	1325	1225	100	8.2%	31	2
Public	University of Hawaii - Manoa	1145	1080	65	6.0%	44	-21

# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2019 National Merit Scholars	2010 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2018 Total Student Headcount	Fall 2009 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
5	17	-12	-70.6%	-42	-25	30,986	21,950	9,036	41.2%
						943	817	126	15.4%
18	17	1	5.9%	16	-1	46,810	45,185	1,625	3.6%
114	228	-114	-50.0%	-11	-5	8,374	7,592	782	10.3%
116	16	100	625.0%	97	46	44,474	41,052	3,422	8.3%
18	23	-5	-21.7%	0	8	7,895	6,901	994	14.4%
65	177	-112	-63.3%	-23	-8	7,124	5,576	1,548	27.8%
						239	215	24	11.2%
0	0	0		91	71	2,708	1,804	904	50.1%
55	25	30	120.0%	45	18	50,254	37,366	12,888	34.5%
124	205	-81	-39.5%	-7	-2	17,381	18,498	-1,117	-6.0%
0	0	0		91	20	3,023	2,934	89	3.0%
9	12	-3	-25.0%	19	2	26,256	24,681	1,575	6.4%
1	2	-1	-50.0%	9	-11	39,740	36,507	3,233	8.9%
188	180	8	4.4%	2	-2	68,679	48,702	19,977	41.0%
0	0	0		91	71	7,786	3,326	4,460	134.1%
38	64	-26	-40.6%	-19	-6	11,586	10,252	1,334	13.0%
35	46	-11	-23.9%	-12	-3	12,646	11,464	1,182	10.3%
0	0	0		91	20				
0	0	0		91	20	17,944	18,020	-76	-0.4%
0	1	-1	-100.0%	-34	-27	31,503	28,881	2,622	9.1%
17	16	1	6.3%	16	-1	21,923	16,874	5,049	29.9%
1	1	0	0.0%	39	3	9,736	7,681	2,055	26.8%
0	0	0		91	20	7,404	9,137	-1,733	-19.0%
73	68	5	7.4%	5	0	44,097	38,767	5,330	13.7%
39	27	12	44.4%	26	7	27,778	19,849	7,929	39.9%
0	0	0		91	20	2,758	2,774	-16	-0.6%
132	86	46	53.5%	14	5	42,501	35,830	6,671	18.6%
4	2	2	100.0%	75	16	38,167	31,247	6,920	22.1%
2	1	1	100.0%	65	14	36,032	27,142	8,890	32.8%
79	24	55	229.2%	64	27	44,537	38,550	5,987	15.5%
0	0	0		91	20	23,922	19,384	4,538	23.4%
18	13	5	38.5%	32	7	37,887	28,418	9,469	33.3%
						3,114	3,119	-5	-0.2%
7	0	7		262	89	25,976	22,850	3,126	13.7%
0	0	0		91	20	19,700	16,775	2,925	17.4%
91	49	42	85.7%	28	11	68,475	53,401	15,074	28.2%
233	274	-41	-15.0%	-3	-1	17,002	15,094	1,908	12.6%
30	41	-11	-26.8%	-13	-12	37,886	31,134	6,752	21.7%
8	3	5	166.7%	98	25	36,681	33,010	3,671	11.1%
0	0	0		91	20	25,645	23,715	1,930	8.1%
						592	331	261	78.9%
4	6	-2	-33.3%	14	-5	27,412	24,698	2,714	11.0%
4	4	0	0.0%	34	33	11,241	10,908	333	3.1%
3	1	2	200.0%	85	20	24,120	21,138	2,982	14.1%
270	169	101	59.8%	13	3	52,218	50,691	1,527	3.0%
62	50	12	24.0%	8	-1	38,652	34,885	3,767	10.8%
0	1	-1	-100.0%	-34	-27	17,710	20,435	-2,725	-13.3%

## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2009 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Houston - Univ. Park	1220	1080	140	13.0%	258	70
Public	University of Idaho	1115	1070	45	4.2%	-90	-71
Public	University of Illinois - Chicago	1120	1090	30	2.8%	-162	-93
Public	Univ. of Illinois - Urbana-Champaign	1340	1280	60	4.7%	-13	-8
Public	University of Iowa	1225	1170	55	4.7%	-10	-15
Public	University of Kansas - Lawrence	1240	1130	110	9.7%	99	21
Public	University of Kansas Medical Center						
Public	University of Kentucky	1240	1130	110	9.7%	99	21
Public	University of Louisville	1225	1110	115	10.4%	131	28
Public	University of Maine - Orono	1150	1075	75	7.0%	65	-14
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	1275	1185	90	7.6%	45	4
Public	University of Maryland - College Park	1380	1295	85	6.6%	4	0
Public	Univ. of Massachusetts - Amherst	1295	1170	125	10.7%	93	24
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	1340	1275	65	5.1%	-5	2
Public	University of Michigan - Ann Arbor	1420	1300	120	9.2%	25	4
Public	University of Minnesota - Twin Cities	1325	1205	120	10.0%	53	11
Public	University of Missouri - Columbia	1240	1170	70	6.0%	22	-6
Public	University of Montana - Missoula	1140	1070	70	6.5%	61	-18
Public	University of Nebraska - Lincoln	1225	1170	55	4.7%	-10	-15
Public	University of Nebraska Medical Ctr.						
Public	University of Nevada - Reno	1160	1058	102	9.6%	198	40
Public	Univ. of New Hampshire - Durham	1180	1135	45	4.0%	-34	-29
Public	Univ. of New Mexico - Albuquerque	1110	1030	80	7.8%	80	0
Public	Univ. of North Carolina - Chapel Hill	1400	1300	100	7.7%	12	1
Public	University of North Dakota	1180	1050	130	12.4%	281	81
Private	University of Notre Dame	1500	1440	60	4.2%	5	5
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	1240	1190	50	4.2%	-22	-23
Public	University of Oregon	1185	1104	81	7.3%	87	10
Private	University of Pennsylvania	1485	1440	45	3.1%	-5	-5
Public	University of Pittsburgh - Pittsburgh	1350	1260	90	7.1%	9	-2
Public	University of Rhode Island	1155	1045	110	10.5%	249	57
Private	University of Rochester	1410	1320	90	6.8%	6	6
Public	Univ. of South Carolina - Columbia	1275	1185	90	7.6%	45	4
Public	University of South Florida - Tampa	1250	1155	95	8.2%	69	13
Private	University of Southern California	1440	1360	80	5.9%	7	8
Public	University of Tennessee - Knoxville	1310	1205	105	8.7%	40	6
Public	University of Texas - Austin	1355	1225	130	10.6%	55	13
Public	University of Texas - El Paso	1035	905	130	14.4%	254	72
Public	University of Texas HSC - Houston						
Public	Univ. of Texas HSC - San Antonio						
Public	U. of Texas MD Anderson Cancer Ctr.						
Public	U. of Texas Med. Branch - Galveston						
Public	Univ. of Texas SW Med. Ctr. - Dallas						
Public	University of Utah	1225	1110	115	10.4%	131	28
Public	University of Vermont	1270	1185	85	7.2%	37	0
Public	University of Virginia	1415	1335	80	6.0%	7	-2

# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2019 National Merit Scholars	2010 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2018 Total Student Headcount	Fall 2009 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
11	16	-5	-31.3%	7	-3	46,324	37,000	9,324	25.2%
9	22	-13	-59.1%	-17	-16	11,841	11,957	-116	-1.0%
7	4	3	75.0%	66	13	31,683	26,840	4,843	18.0%
39	72	-33	-45.8%	-23	-15	49,702	43,881	5,821	13.3%
30	26	4	15.4%	11	-2	31,656	28,987	2,669	9.2%
21	33	-12	-36.4%	-20	-17	27,690	26,826	864	3.2%
						3,956	3,178	778	24.5%
70	33	37	112.1%	37	13	29,182	26,295	2,887	11.0%
21	13	8	61.5%	40	12	21,430	21,016	414	2.0%
4	5	-1	-20.0%	21	-3	11,404	11,894	-490	-4.1%
						6,777	6,382	395	6.2%
1	5	-4	-80.0%	-45	-30	13,767	12,870	897	7.0%
87	70	17	24.3%	10	3	41,200	37,195	4,005	10.8%
2		2		190	61	30,593	27,016	3,577	13.2%
						1,185	1,091	94	8.6%
28	36	-8	-22.2%	-12		17,331	15,629	1,702	10.9%
68	71	-3	-4.2%	1	-4	46,716	41,674	5,042	12.1%
107	101	6	5.9%	3	1	50,734	51,659	-925	-1.8%
41	26	15	57.7%	31	10	29,843	31,237	-1,394	-4.5%
4	3	1	33.3%	59	9	10,962	14,921	-3,959	-26.5%
45	46	-1	-2.2%	3	-1	25,820	24,100	1,720	7.1%
						3,972	3,237	735	22.7%
7	10	-3	-30.0%	14	-2	21,463	16,875	4,588	27.2%
1	1		0.0%	39	3	15,298	15,253	45	0.3%
8	19	-11	-57.9%	-21	-16	24,319	27,241	-2,922	-10.7%
25	170	-145	-85.3%	-64	-38	30,011	28,916	1,095	3.8%
3	7	-4	-57.1%	-22	-18	13,847	13,172	675	5.1%
53	55	-2	-3.6%	2	6	12,607	11,816	791	6.7%
						3,126	3,934	-808	-20.5%
87	232	-145	-62.5%	-16	-10	28,564	25,881	2,683	10.4%
6	11	-5	-45.5%	-3	-9	22,644	22,335	309	1.4%
126	138	-12	-8.7%	3	3	25,860	24,599	1,261	5.1%
20	28	-8	-28.6%	-11	-15	28,673	28,328	345	1.2%
						17,777	16,389	1,388	8.5%
38	46	-8	-17.4%	-5	2	11,817	9,944	1,873	18.8%
53	46	7	15.2%	9	1	34,795	28,482	6,313	22.2%
35	15	20	133.3%	58	25	43,846	40,022	3,824	9.6%
265	256	9	3.5%	2	3	47,310	34,824	12,486	35.9%
31	19	12	63.2%	35	11	28,894	29,934	-1,040	-3.5%
86	54	32	59.3%	19	4	51,832	50,995	837	1.6%
						25,151	21,011	4,140	19.7%
						5,335	3,969	1,366	34.4%
						3,292	3,223	69	2.1%
						376	208	168	80.8%
						3,343	2,430	913	37.6%
						2,266	2,459	-193	-7.8%
37	17	20	117.6%	52	21	33,023	29,284	3,739	12.8%
2	5	-3	-60.0%	-19	-19	13,395	13,391	4	0.0%
33	50	-17	-34.0%	-21	-16	24,639	24,355	284	1.2%

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2018 Median SAT	2009 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Washington - Seattle	1340	1215	125	10.3%	53	12
Public	University of Wisconsin - Madison	1355	1260	95	7.5%	17	1
Public	University of Wyoming	1210	1110	100	9.0%	104	18
Public	Utah State University	1195	1110	85	7.7%	70	3
Private	Vanderbilt University	1500	1420	80	5.6%	15	15
Public	Virginia Commonwealth University	1165	1085	80	7.4%	93	1
Public	Virginia Polytechnic Inst. and St. U.	1285	1210	75	6.2%	3	-9
Private	Wake Forest University		1315				
Public	Washington State Univ. - Pullman	1115	1085	30	2.8%	-134	-85
Private	Washington University in St. Louis	1480	1460	20	1.4%	-11	-11
Public	Wayne State University	1110	950	160	16.8%	501	180
Private	Weill Cornell Medical College						
Public	West Virginia University	1180	1090	90	8.3%	109	18
Private	Woods Hole Oceanographic Inst.						
Public	Wright State University - Dayton	1095					
Private	Yale University	1515	1490	25	1.7%	-3	-3
Private	Yeshiva University	1240	1210	30	2.5%	-56	-22

National Merit and Achievement Scholars						Headcount Enrollment			
2019 National Merit Scholars	2010 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2018 Total Student Headcount	Fall 2009 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
25	30	-5	-16.7%	-2	-9	47,400	45,943	1,457	3.2%
22	25	-3	-12.0%	1	-7	43,463	41,654	1,809	4.3%
5	1	4	400.0%	117	34	12,450	12,427	23	0.2%
3	1	2	200.0%	85	20	27,932	15,612	12,320	78.9%
222	201	21	10.4%	4	5	12,824	12,506	318	2.5%
8	0	8		269	93	30,697	32,172	-1,475	-4.6%
5	21	-16	-76.2%	-54	-31	34,683	30,870	3,813	12.4%
3	16	-13	-81.3%	-70	-34	8,401	7,079	1,322	18.7%
5	4	1	25.0%	46	5	31,478	26,101	5,377	20.6%
35	237	-202	-85.2%	-57	-27	15,852	13,575	2,277	16.8%
6	9	-3	-33.3%	10	-6	27,025	31,786	-4,761	-15.0%
						1,248	1,149	99	8.6%
18	25	-7	-28.0%	-9	-13	26,864	28,898	-2,034	-7.0%
0	1	-1	-100.0%	-34	-27	14,403	17,558	-3,155	-18.0%
140	273	-133	-48.7%	-8	-4	13,433	11,593	1,840	15.9%
2	1	1	100.0%	65	51	6,479	6,228	251	4.0%

Institutional Characteristics				
	Institutions with Over \$40 Million in Federal Research, Alphabetically	State	Highest Degree Offered	Has a Medical School
Public	Arizona State University	AZ	Doctor's - Research/Scholar	
Public	Auburn University	AL	Doctor's - Res/Sch & Prof Prac	Yes
Public	Augusta University	GA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Baylor College of Medicine	TX	Doctor's - Res/Sch & Prof Prac	Yes
Private	Boston University	MA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Brown University	RI	Doctor's - Res/Sch & Prof Prac	Yes
Private	California Institute of Technology	CA	Doctor's - Research/Scholar	
Private	Carnegie Mellon University	PA	Doctor's - Research/Scholar	
Private	Case Western Reserve University	OH	Doctor's - Res/Sch & Prof Prac	Yes
Public	Clemson University	SC	Doctor's - Research/Scholar	
Public	Cleveland State University	OH	Doctor's - Res/Sch & Prof Prac	
Private	Cold Spring Harbor Laboratory	NY	Non-Degree Granting	
Public	Colorado State University - Fort Collins	CO	Doctor's - Res/Sch & Prof Prac	
Private	Columbia University	NY	Doctor's - Res/Sch & Prof Prac	Yes
Private	Cornell University	NY	Doctor's - Res/Sch & Prof Prac	
Private	Dartmouth College	NH	Doctor's - Res/Sch & Prof Prac	Yes
Private	Drexel University	PA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Duke University	NC	Doctor's - Res/Sch & Prof Prac	Yes
Private	Emory University	GA	Doctor's - Res/Sch & Prof Prac	Yes
Public	Florida International University	FL	Doctor's - Res/Sch & Prof Prac	Yes
Public	Florida State University	FL	Doctor's - Res/Sch & Prof Prac	Yes
Public	George Mason University	VA	Doctor's - Res/Sch & Prof Prac	
Private	George Washington University	DC	Doctor's - Res/Sch & Prof Prac	Yes
Private	Georgetown University	DC	Doctor's - Res/Sch & Prof Prac	Yes
Public	Georgia Institute of Technology	GA	Doctor's - Research/Scholar	
Public	Georgia State University	GA	Doctor's - Res/Sch & Prof Prac	
Private	Harvard University	MA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Icahn School of Medicine at Mount Sinai	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	Indiana University - Bloomington	IN	Doctor's - Res/Sch & Prof Prac	Yes
Public	Iowa State University	IA	Doctor's - Res/Sch & Prof Prac	
Private	Johns Hopkins University	MD	Doctor's - Res/Sch & Prof Prac	Yes
Public	Kansas State University	KS	Doctor's - Res/Sch & Prof Prac	
Public	Louisiana State University - Baton Rouge	LA	Doctor's - Res/Sch & Prof Prac	
Private	Massachusetts Institute of Technology	MA	Doctor's - Research/Scholar	
Private	Medical College of Wisconsin	WI	Doctor's - Res/Sch & Prof Prac	Yes
Public	Medical University of South Carolina	SC	Doctor's - Res/Sch & Prof Prac	Yes
Public	Michigan State University	MI	Doctor's - Res/Sch & Prof Prac	Yes
Public	Mississippi State University	MS	Doctor's - Res/Sch & Prof Prac	
Public	Montana State University - Bozeman	MT	Doctor's - Res/Sch & Prof Prac	
Public	Naval Postgraduate School	CA	Doctor's - Research/Scholar	
Public	New Jersey Institute of Technology	NJ	Doctor's - Research/Scholar	
Public	New Mexico State University - Las Cruces	NM	Doctor's - Res/Sch & Prof Prac	
Private	New York University	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	North Carolina State University	NC	Doctor's - Res/Sch & Prof Prac	
Private	Northeastern University	MA	Doctor's - Res/Sch & Prof Prac	
Private	Northwestern University	IL	Doctor's - Res/Sch & Prof Prac	Yes
Public	Ohio State University - Columbus	OH	Doctor's - Res/Sch & Prof Prac	Yes
Public	Oklahoma State University - Stillwater	OK	Doctor's - Res/Sch & Prof Prac	
Public	Oregon Health & Science University	OR	Doctor's - Res/Sch & Prof Prac	Yes



# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2018
	Moderate Life Sciences	111,249
Yes	Moderate Engineering and Moderate Life Sciences	30,440
	All Life Sciences	8,458
	All Life Sciences	1,581
	Strong Life Sciences	34,657
	Strong Life Sciences	10,257
	Strong Physical Sciences	2,233
	Moderate Computer Sciences and Moderate Engineering	14,029
	Heavy Life Sciences	11,890
Yes	Strong Engineering and Moderate Life Sciences	24,951
	Heavy Life Sciences	16,069
	All Life Sciences	
Yes	Moderate Environmental Sciences and Moderate Life Sciences	33,478
	Strong Life Sciences	31,077
Yes	Moderate Physical Sciences and Moderate Life Sciences	23,600
	Strong Life Sciences	6,572
	Moderate Engineering and Strong Life Sciences	24,634
	Heavy Life Sciences	16,606
	Heavy Life Sciences	14,458
	Moderate Life Sciences	57,942
	Moderate Engineering and Moderate Physical Sciences	41,005
	Moderate Computer Sciences	37,316
	Heavy Life Sciences	28,172
	Heavy Life Sciences	19,204
	Strong Engineering	32,723
	Strong Life Sciences	34,316
	Strong Life Sciences	31,566
	All Life Sciences	1,214
	Heavy Life Sciences	43,503
Yes	Moderate Engineering and Moderate Life Sciences	34,992
	Moderate Engineering and Moderate Life Sciences	26,152
Yes	Strong Life Sciences	22,221
Yes-System	Strong Life Sciences	30,983
	Moderate Engineering	11,574
	All Life Sciences	1,413
	All Life Sciences	2,944
Yes	Moderate Physical Sciences and Moderate Life Sciences	50,351
Yes	Moderate Engineering and Moderate Life Sciences	21,974
Yes	Moderate Engineering and Moderate Life Sciences	16,814
	Moderate Engineering	2,737
	Strong Engineering and Moderate Life Sciences	11,423
Yes	Moderate Engineering, Moderate Life Sciences and Moderate Physical Sciences	14,289
	Heavy Life Sciences	51,847
Yes	Moderate Engineering and Moderate Life Sciences	35,479
	Moderate Engineering	21,627
	Strong Life Sciences	22,127
Yes	Strong Life Sciences	61,170
Yes	Moderate Engineering and Moderate Life Sciences	24,690
	All Life Sciences	2,999

## The Top American Research Universities

Institutional Characteristics				
	Institutions with Over \$40 Million in Federal Research, Alphabetically	State	Highest Degree Offered	Has a Medical School
Public	Oregon State University	OR	Doctor's - Res/Sch & Prof Prac	
Public	Pennsylvania State University - Hershey Medical Ctr.	PA	Doctor's - Res/Sch & Prof Prac	Yes
Public	Pennsylvania State University - University Park	PA	Doctor's - Res/Sch & Prof Prac	
Private	Princeton University	NJ	Doctor's - Research/Scholar	
Public	Purdue University - West Lafayette	IN	Doctor's - Res/Sch & Prof Prac	
Private	Rensselaer Polytechnic Institute	NY	Doctor's - Research/Scholar	
Private	Rice University	TX	Doctor's - Research/Scholar	
Private	Rockefeller University	NY	Doctor's - Research/Scholar	
Private	Rush University	IL	Doctor's - Res/Sch & Prof Prac	Yes
Public	Rutgers University - New Brunswick	NJ	Doctor's - Res/Sch & Prof Prac	Yes
Private	Scripps Research Institute	CA	Non-Degree Granting	
Private	Stanford University	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	State University of New York - Polytechnic Institute	NY	Doctor's - Research/Scholar	
Public	Stony Brook University	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	Temple University	PA	Doctor's - Res/Sch & Prof Prac	Yes
Public	Texas A&M University - College Station	TX	Doctor's - Res/Sch & Prof Prac	Yes
Private	Thomas Jefferson University	PA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Tufts University	MA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Tulane University	LA	Doctor's - Res/Sch & Prof Prac	Yes
Public	Uniformed Services University of the Health Sciences	MD	Doctor's - Res/Sch & Prof Prac	
Public	University at Albany	NY	Doctor's - Res/Sch & Prof Prac	
Public	University at Buffalo	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Alabama - Birmingham	AL	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Alabama - Huntsville	AL	Doctor's - Res/Sch & Prof Prac	
Public	University of Alaska - Fairbanks	AK	Doctor's - Research/Scholar	
Public	University of Arizona	AZ	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Arkansas - Fayetteville	AR	Doctor's - Res/Sch & Prof Prac	
Public	University of Arkansas for Medical Sciences	AR	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - Berkeley	CA	Doctor's - Res/Sch & Prof Prac	
Public	University of California - Davis	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - Irvine	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - Los Angeles	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - Riverside	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - San Diego	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - San Francisco	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of California - Santa Barbara	CA	Doctor's - Research/Scholar	
Public	University of California - Santa Cruz	CA	Doctor's - Research/Scholar	
Public	University of Central Florida	FL	Doctor's - Res/Sch & Prof Prac	Yes
Private	University of Chicago	IL	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Cincinnati - Cincinnati	OH	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Colorado - Boulder	CO	Doctor's - Res/Sch & Prof Prac	
Public	University of Colorado - Denver/Anschutz Medical	CO	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Connecticut - Health Center	CT	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Connecticut - Storrs	CT	Doctor's - Res/Sch & Prof Prac	
Private	University of Dayton	OH	Doctor's - Res/Sch & Prof Prac	
Public	University of Delaware	DE	Doctor's - Res/Sch & Prof Prac	
Public	University of Florida	FL	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Georgia	GA	Doctor's - Res/Sch & Prof Prac	
Public	University of Hawaii - Manoa	HI	Doctor's - Res/Sch & Prof Prac	Yes

# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2018
Yes	Moderate Life Sciences	30,986
	All Life Sciences	943
Yes	Moderate Engineering	46,810
	Moderate Physical Sciences and Moderate Life Sciences	8,374
Yes	Moderate Engineering and Moderate Life Sciences	44,474
	Strong Engineering	7,895
	Moderate Engineering	7,124
	Heavy Life Sciences	239
	All Life Sciences	2,708
Yes	Strong Life Sciences	50,254
	All Life Sciences	
	Strong Life Sciences	17,381
	All Engineering	3,023
	Moderate Life Sciences	26,256
	Heavy Life Sciences	39,740
Yes	Moderate Environmental Sciences and Moderate Life Sciences	68,679
	All Life Sciences	7,786
	Moderate Physical Sciences and Moderate Life Sciences	11,586
	Heavy Life Sciences	12,646
	All Life Sciences	
	Heavy Life Sciences	17,944
	Moderate Engineering and Strong Life Sciences	31,503
	Heavy Life Sciences	21,923
	Moderate Computer Sciences and Moderate Engineering	9,736
Yes-System	Strong Environmental Sciences	7,404
Yes	Strong Life Sciences	44,097
Yes	Moderate Engineering and Moderate Life Sciences	27,778
	All Life Sciences	2,758
Yes-System	Moderate Physical Sciences and Moderate Life Sciences	42,501
Yes-System	Heavy Life Sciences	38,167
No-System	Strong Life Sciences	36,032
No-System	Strong Life Sciences	44,537
Yes-System	Moderate Life Sciences	23,922
No-System	Strong Life Sciences	37,887
No-System	Heavy Life Sciences	3,114
No-System	Moderate Engineering and Moderate Physical Sciences	25,976
No-System	Moderate Engineering	19,700
	Moderate Engineering	68,475
	Strong Life Sciences	17,002
	Heavy Life Sciences	37,886
	Moderate Environmental Sciences	36,681
	All Life Sciences	25,645
	All Life Sciences	592
Yes	Moderate Engineering and Moderate Life Sciences	27,412
	All Engineering	11,241
Yes	Moderate Engineering	24,120
Yes	Strong Life Sciences	52,218
Yes	Strong Life Sciences	38,652
Yes	Moderate Environmental Sciences and Moderate Life Sciences	17,710

## The Top American Research Universities

<b>Institutional Characteristics</b>				
	Institutions with Over \$40 Million in Federal Research, Alphabetically	State	Highest Degree Offered	Has a Medical School
Public	University of Houston - University Park	TX	Doctor's - Res/Sch & Prof Prac	
Public	University of Idaho	ID	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Illinois - Chicago	IL	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Illinois - Urbana-Champaign	IL	Doctor's - Res/Sch & Prof Prac	
Public	University of Iowa	IA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Kansas - Lawrence	KS	Doctor's - Res/Sch & Prof Prac	
Public	University of Kansas Medical Center	KS	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Kentucky	KY	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Louisville	KY	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Maine - Orono	ME	Doctor's - Research/Scholar	
Public	University of Maryland - Baltimore	MD	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Maryland - Baltimore County	MD	Doctor's - Research/Scholar	
Public	University of Maryland - College Park	MD	Doctor's - Res/Sch & Prof Prac	
Public	University of Massachusetts - Amherst	MA	Doctor's - Res/Sch & Prof Prac	
Public	University of Massachusetts Medical Sch. - Worcester	MA	Doctor's - Res/Sch & Prof Prac	Yes
Private	University of Miami	FL	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Michigan - Ann Arbor	MI	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Minnesota - Twin Cities	MN	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Missouri - Columbia	MO	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Montana - Missoula	MT	Doctor's - Res/Sch & Prof Prac	
Public	University of Nebraska - Lincoln	NE	Doctor's - Res/Sch & Prof Prac	
Public	University of Nebraska Medical Center	NE	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Nevada - Reno	NV	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of New Hampshire - Durham	NH	Doctor's - Res/Sch & Prof Prac	
Public	University of New Mexico - Albuquerque	NM	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of North Carolina - Chapel Hill	NC	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of North Dakota	ND	Doctor's - Res/Sch & Prof Prac	Yes
Private	University of Notre Dame	IN	Doctor's - Res/Sch & Prof Prac	
Public	University of Oklahoma - Health Sciences Center	OK	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Oklahoma - Norman	OK	Doctor's - Res/Sch & Prof Prac	
Public	University of Oregon	OR	Doctor's - Res/Sch & Prof Prac	
Private	University of Pennsylvania	PA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Pittsburgh - Pittsburgh	PA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Rhode Island	RI	Doctor's - Res/Sch & Prof Prac	
Private	University of Rochester	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of South Carolina - Columbia	SC	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of South Florida - Tampa	FL	Doctor's - Res/Sch & Prof Prac	Yes
Private	University of Southern California	CA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Tennessee - Knoxville	TN	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Texas - Austin	TX	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Texas - El Paso	TX	Doctor's - Res/Sch & Prof Prac	
Public	University of Texas Health Science Center - Houston	TX	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Texas Health Science Ctr. - San Antonio	TX	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Texas MD Anderson Cancer Center	TX	Master's	
Public	University of Texas Medical Branch - Galveston	TX	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Texas SW Medical Center - Dallas	TX	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Utah	UT	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Vermont	VT	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Virginia	VA	Doctor's - Res/Sch & Prof Prac	Yes

# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2018
	Moderate Engineering	46,324
Yes	Strong Life Sciences	11,841
	Heavy Life Sciences	31,683
Yes	Moderate Engineering	49,702
	Heavy Life Sciences	31,656
	Strong Life Sciences	27,690
	All Life Sciences	3,956
Yes	Strong Life Sciences	29,182
	Heavy Life Sciences	21,430
Yes	Moderate Life Sciences	11,404
	All Life Sciences	6,777
	Moderate Environmental Sciences	13,767
Yes		41,200
Yes	Moderate Engineering and Moderate Life Sciences	30,593
	All Life Sciences	1,185
	Strong Life Sciences	17,331
	Strong Life Sciences	46,716
Yes	Strong Life Sciences	50,734
Yes-System	Strong Life Sciences	29,843
	Heavy Life Sciences	10,962
Yes-System	Moderate Life Sciences	25,820
No-System	All Life Sciences	3,972
Yes	Strong Life Sciences	21,463
Yes	Moderate Environmental Sciences and Moderate Life Sciences	15,298
	Strong Life Sciences	24,319
	Strong Life Sciences	30,011
	Strong Engineering and Moderate Life Sciences	13,847
	Moderate Engineering and Moderate Physical Sciences	12,607
	All Life Sciences	3,126
	Moderate Environmental Sciences	28,564
	Moderate Life Sciences	22,644
	Heavy Life Sciences	25,860
	Heavy Life Sciences	28,673
Yes	Moderate Environmental Sciences and Moderate Life Sciences	17,777
	Moderate Physical Sciences and Strong Life Sciences	11,817
	Strong Life Sciences	34,795
	Strong Life Sciences	43,846
	Strong Life Sciences	47,310
Yes	Moderate Engineering	28,894
	Moderate Engineering	51,832
	Moderate Engineering and Moderate Life Sciences	25,151
	All Life Sciences	5,335
	All Life Sciences	3,292
	Heavy Life Sciences	376
	All Life Sciences	3,343
	All Life Sciences	2,266
	Strong Life Sciences	33,023
Yes	Heavy Life Sciences	13,395
	Strong Life Sciences	24,639

Institutional Characteristics				
Institutions with Over \$40 Million in Federal Research, Alphabetically		State	Highest Degree Offered	Has a Medical School
Public	University of Washington - Seattle	WA	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Wisconsin - Madison	WI	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Wyoming	WY	Doctor's - Res/Sch & Prof Prac	
Public	Utah State University	UT	Doctor's - Res/Sch & Prof Prac	
Private	Vanderbilt University	TN	Doctor's - Res/Sch & Prof Prac	Yes
Public	Virginia Commonwealth University	VA	Doctor's - Res/Sch & Prof Prac	Yes
Public	Virginia Polytechnic Institute and State University	VA	Doctor's - Res/Sch & Prof Prac	
Private	Wake Forest University	NC	Doctor's - Res/Sch & Prof Prac	Yes
Public	Washington State University - Pullman	WA	Doctor's - Res/Sch & Prof Prac	Yes
Private	Washington University in St. Louis	MO	Doctor's - Res/Sch & Prof Prac	Yes
Public	Wayne State University	MI	Doctor's - Res/Sch & Prof Prac	Yes
Private	Weill Cornell Medical College	NY	Doctor's - Res/Sch & Prof Prac	Yes
Public	West Virginia University	WV	Doctor's - Res/Sch & Prof Prac	Yes
Private	Woods Hole Oceanographic Institution	MA	Non-Degree Granting	
Public	Wright State University - Dayton	OH	Doctor's - Res/Sch & Prof Prac	Yes
Private	Yale University	CT	Doctor's - Res/Sch & Prof Prac	Yes
Private	Yeshiva University	NY	Doctor's - Res/Sch & Prof Prac	Yes

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2017
	Strong Life Sciences	47,400
Yes	Strong Life Sciences	43,463
Yes	Strong Life Sciences	12,450
Yes	Heavy Engineering	27,932
	Heavy Life Sciences	12,824
	Heavy Life Sciences	30,697
Yes	Strong Engineering and Moderate Life Sciences	34,683
	All Life Sciences	8,401
Yes	Strong Life Sciences	31,478
	Heavy Life Sciences	15,852
	Heavy Life Sciences	27,025
	All Life Sciences	1,248
Yes	Moderate Engineering and Moderate Life Sciences	26,864
	Moderate Engineering and Strong Environmental Sciences	
	Strong Engineering	14,403
	Heavy Life Sciences	13,433
	All Life Sciences	6,479

## The Top American Research Universities

Student Characteristics		Fall 2018 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	Arizona State University	111,249	89,888	80.8%	21,361	19.2%	12,557	7,035
Public	Auburn University	30,440	24,628	80.9%	5,812	19.1%	4,744	1,058
Public	Augusta University	8,458	5,463	64.6%	2,995	35.4%	1,051	447
Private	Baylor College of Medicine	1,581			1,581	100.0%		
Private	Boston University	34,657	18,515	53.4%	16,142	46.6%	3,611	727
Private	Brown University	10,257	7,043	68.7%	3,214	31.3%	1,652	66
Private	California Institute of Technology	2,233	948	42.5%	1,285	57.5%	231	2
Private	Carnegie Mellon University	14,029	6,589	47.0%	7,440	53.0%	1,572	69
Private	Case Western Reserve University	11,890	5,261	44.2%	6,629	55.8%	1,393	33
Public	Clemson University	24,951	19,669	78.8%	5,282	21.2%	3,785	1,475
Public	Cleveland State University	16,069	11,999	74.7%	4,070	25.3%	1,946	964
Private	Cold Spring Harbor Laboratory							
Public	Colorado State Univ. - Fort Collins	33,478	25,962	77.5%	7,516	22.5%	5,180	1,367
Private	Columbia University	31,077	8,216	26.4%	22,861	73.6%	1,447	554
Private	Cornell University	23,600	15,182	64.3%	8,418	35.7%	3,295	644
Private	Dartmouth College	6,572	4,418	67.2%	2,154	32.8%	1,167	8
Private	Drexel University	24,634	15,724	63.8%	8,910	36.2%	3,353	638
Private	Duke University	16,606	6,682	40.2%	9,924	59.8%	1,745	39
Private	Emory University	14,458	7,086	49.0%	7,372	51.0%	1,429	684
Public	Florida International University	57,942	48,818	84.3%	9,124	15.7%	3,942	3,472
Public	Florida State University	41,005	32,472	79.2%	8,533	20.8%	5,907	1,755
Public	George Mason University	37,316	26,192	70.2%	11,124	29.8%	3,664	2,213
Private	George Washington University	28,172	12,546	44.5%	15,626	55.5%	2,838	435
Private	Georgetown University	19,204	7,459	38.8%	11,745	61.2%	1,618	98
Public	Georgia Institute of Technology	32,723	16,049	49.0%	16,674	51.0%	3,115	621
Public	Georgia State University	34,316	27,231	79.4%	7,085	20.6%	4,869	1,383
Private	Harvard University	31,566	9,950	31.5%	21,616	68.5%	1,653	13
Private	Icahn School of Med. at Mount Sinai	1,214			1,214	100.0%		
Public	Indiana University - Bloomington	43,503	33,301	76.5%	10,202	23.5%	8,058	659
Public	Iowa State University	34,992	29,621	84.7%	5,371	15.3%	5,917	1,434
Private	Johns Hopkins University	26,152	6,064	23.2%	20,088	76.8%	1,413	72
Public	Kansas State University	22,221	17,869	80.4%	4,352	19.6%	3,413	1,031
Public	Louisiana State Univ. - Baton Rouge	30,983	25,233	81.4%	5,750	18.6%	5,809	683
Private	Massachusetts Inst. of Technology	11,574	4,602	39.8%	6,972	60.2%	1,114	23
Private	Medical College of Wisconsin	1,413			1,413	100.0%		
Public	Medical University of South Carolina	2,944	329	11.2%	2,615	88.8%		134
Public	Michigan State University	50,351	39,423	78.3%	10,928	21.7%	8,500	1,454
Public	Mississippi State University	21,974	18,490	84.1%	3,484	15.9%	3,550	1,879
Public	Montana State University - Bozeman	16,814	14,851	88.3%	1,963	11.7%	2,805	583
Public	Naval Postgraduate School	2,737			2,737	100.0%		
Public	New Jersey Institute of Technology	11,423	8,532	74.7%	2,891	25.3%	1,264	686
Public	New Mexico State Univ. - Las Cruces	14,289	11,687	81.8%	2,602	18.2%	2,257	475
Private	New York University	51,847	26,733	51.6%	25,114	48.4%	6,160	793
Public	North Carolina State University	35,479	25,199	71.0%	10,280	29.0%	4,939	1,250
Private	Northeastern University	21,627	13,909	64.3%	7,718	35.7%	2,746	449
Private	Northwestern University	22,127	8,642	39.1%	13,485	60.9%	1,931	160
Public	Ohio State University - Columbus	61,170	46,820	76.5%	14,350	23.5%	7,941	2,282
Public	Oklahoma State University - Stillwater	24,690	20,597	83.4%	4,093	16.6%	3,537	1,152
Public	Oregon Health & Science University	2,999	782	26.1%	2,217	73.9%		186



## The Top American Research Universities

Fall 2018 Part-Time Enrollment			2018-2019 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
29.5%	26.5%	41.9%		19,370	7,149	714	282
15.2%	8.8%	42.4%		5,370	1,372	244	277
19.1%	19.1%	19.2%	0	1,061	489	31	412
0.3%		0.3%			74	129	158
18.4%	6.0%	32.5%		4,780	5,599	491	628
5.9%	4.4%	9.4%		2,097	846	225	128
				241	139	207	
6.2%	3.7%	8.4%		1,848	3,133	322	
10.3%	3.2%	16.0%		1,372	1,687	207	460
12.1%	3.5%	43.8%		4,676	1,518	243	
29.9%	22.1%	52.8%		2,879	1,235	47	128
23.5%	13.2%	59.1%		5,498	1,702	263	142
16.1%	6.7%	19.5%		2,702	8,862	576	780
0.4%	0.0%	1.1%		4,145	2,778	531	291
2.1%	1.4%	3.5%		1,249	665	100	100
25.7%	11.3%	51.0%		3,710	2,254	223	457
5.5%	0.3%	8.9%		2,303	3,222	551	367
10.8%	1.4%	19.7%		2,598	1,612	246	546
40.1%	42.8%	25.7%	69	12,352	3,207	215	361
15.3%	10.6%	33.3%	187	9,688	1,962	422	308
31.1%	19.0%	59.6%		5,866	2,969	293	173
32.2%	9.7%	50.3%	197	3,447	4,597	240	834
23.2%	6.3%	34.0%		2,169	4,204	123	846
36.2%	10.8%	60.7%		3,717	3,238	526	
23.8%	22.7%	28.0%		5,196	1,928	273	250
33.5%	27.5%	36.2%	3	2,902	4,925	771	802
					152	32	122
11.9%	3.6%	39.2%	2	7,952	2,768	504	253
10.8%	5.7%	38.9%		7,380	1,021	416	151
44.2%	7.7%	55.2%		1,747	6,673	537	146
15.2%	9.2%	40.1%	17	4,048	1,135	207	107
13.3%	11.2%	22.7%		5,129	1,274	325	257
1.5%	1.0%	1.8%		1,333	1,850	687	
6.2%		6.2%			61	33	229
6.4%	1.8%	6.9%		223	322	150	309
12.9%	9.3%	25.7%		8,997	2,204	562	587
14.9%	8.9%	46.3%		3,923	751	179	91
22.2%	15.7%	71.0%	106	2,551	441	74	27
46.2%		46.2%			1,198	10	
25.0%	20.0%	39.6%		1,646	1,103	56	
22.1%	16.9%	45.4%	10	2,465	687	116	18
16.8%	3.8%	30.7%	83	6,658	9,492	430	1,050
20.0%	11.4%	41.1%	143	5,953	2,762	571	99
3.9%	0.3%	10.3%		4,127	2,652	200	444
19.8%	5.6%	28.9%		2,770	4,667	518	544
13.1%	8.5%	28.2%	3	11,596	2,750	886	803
21.5%	14.0%	59.3%		4,899	920	231	85
38.8%	70.3%	27.7%		383	352	38	227

## The Top American Research Universities

Student Characteristics		Fall 2018 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	Oregon State University	30,986	25,699	82.9%	5,287	17.1%	3,341	1,378
Public	Penn. State Univ. - Hershey Med. Ctr.	943			943	100.0%		
Public	Pennsylvania State Univ. - Univ. Park	46,810	40,363	86.2%	6,447	13.8%	8,055	338
Private	Princeton University	8,374	5,428	64.8%	2,946	35.2%	1,338	9
Public	Purdue University - West Lafayette	44,474	33,735	75.9%	10,739	24.1%	8,453	1,004
Private	Rensselaer Polytechnic Institute	7,895	6,628	84.0%	1,267	16.0%	1,778	134
Private	Rice University	7,124	3,992	56.0%	3,132	44.0%	956	37
Private	Rockefeller University	239			239	100.0%		
Private	Rush University	2,708	121	4.5%	2,587	95.5%		40
Public	Rutgers University - New Brunswick	50,254	36,039	71.7%	14,215	28.3%	7,028	2,451
Private	Scripps Research Institute							
Private	Stanford University	17,381	7,087	40.8%	10,294	59.2%	1,696	24
Public	State Univ. of NY - Polytechnic Inst.	3,023	2,256	74.6%	767	25.4%	423	260
Public	Stony Brook University	26,256	17,522	66.7%	8,734	33.3%	3,375	1,508
Public	Temple University	39,740	29,484	74.2%	10,256	25.8%	5,009	2,072
Public	Texas A&M Univ. - College Station	68,679	53,743	78.3%	14,936	21.7%	10,049	2,481
Private	Thomas Jefferson University	7,786	3,550	45.6%	4,236	54.4%	563	533
Private	Tufts University	11,586	5,643	48.7%	5,943	51.3%	1,541	47
Private	Tulane University	12,646	7,920	62.6%	4,726	37.4%	1,909	116
Public	Uniformed Services Univ. of the HS							
Public	University at Albany	17,944	13,598	75.8%	4,346	24.2%	2,765	1,344
Public	University at Buffalo	31,503	21,607	68.6%	9,896	31.4%	4,252	1,801
Public	University of Alabama - Birmingham	21,923	13,836	63.1%	8,087	36.9%	2,245	896
Public	University of Alabama - Huntsville	9,736	7,671	78.8%	2,065	21.2%	1,428	681
Public	University of Alaska - Fairbanks	7,404	6,429	86.8%	975	13.2%	584	214
Public	University of Arizona	44,097	34,153	77.4%	9,944	22.6%	6,011	1,693
Public	University of Arkansas - Fayetteville	27,778	23,386	84.2%	4,392	15.8%	4,977	1,127
Public	Univ. of Arkansas for Med. Sciences	2,758	606	22.0%	2,152	78.0%		263
Public	University of California - Berkeley	42,501	30,853	72.6%	11,648	27.4%	5,980	2,258
Public	University of California - Davis	38,167	30,718	80.5%	7,449	19.5%	6,296	3,071
Public	University of California - Irvine	36,032	29,736	82.5%	6,296	17.5%	5,779	2,620
Public	University of California - Los Angeles	44,537	31,577	70.9%	12,960	29.1%	6,233	3,392
Public	University of California - Riverside	23,922	20,581	86.0%	3,341	14.0%	4,524	1,879
Public	University of California - San Diego	37,887	30,285	79.9%	7,602	20.1%	6,701	3,061
Public	Univ. of California - San Francisco	3,114			3,114	100.0%		
Public	Univ. of California - Santa Barbara	25,976	23,070	88.8%	2,906	11.2%	5,084	2,410
Public	University of California - Santa Cruz	19,700	17,792	90.3%	1,908	9.7%	3,682	1,778
Public	University of Central Florida	68,475	58,821	85.9%	9,654	14.1%	7,062	4,886
Private	University of Chicago	17,002	6,632	39.0%	10,370	61.0%	1,809	14
Public	University of Cincinnati - Cincinnati	37,886	26,762	70.6%	11,124	29.4%	5,291	845
Public	University of Colorado - Boulder	36,681	30,159	82.2%	6,522	17.8%	6,613	1,457
Public	U. of Colorado - Denver/Anschutz Med.	25,645	16,443	64.1%	9,202	35.9%	1,600	1,416
Public	University of Connecticut - Health Ctr.	592			583	98.5%		
Public	University of Connecticut - Storrs	27,412	19,133	69.8%	8,279	30.2%	3,736	747
Private	University of Dayton	11,241	8,617	76.7%	2,624	23.3%	2,198	111
Public	University of Delaware	24,120	19,956	82.7%	4,164	17.3%	4,694	473
Public	University of Florida	52,218	35,491	68.0%	16,727	32.0%	6,758	1,771
Public	University of Georgia	38,652	29,611	76.6%	9,041	23.4%	5,703	1,702
Public	University of Hawaii - Manoa	17,710	12,968	73.2%	4,742	26.8%	2,114	1,188

## The Top American Research Universities

Fall 2018 Part-Time Enrollment			2018-2019 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
28.6%	27.7%	33.0%		5,981	940	296	152
3.5%		3.5%			66	24	139
3.6%	2.6%	9.7%	2	10,893	1,409	632	142
1.3%	2.0%			1,297	640	398	
13.7%	5.6%	39.0%	48	7,568	2,291	730	249
1.2%	0.3%	6.0%		1,359	368	148	
5.0%	2.3%	8.5%		1,228	898	233	
					9	30	
38.7%	37.2%	38.8%		43	435	17	333
14.9%	5.5%	38.8%	32	8,719	3,129	744	698
6.0%		10.2%		1,892	2,388	770	270
29.0%	14.9%	70.7%		526	214	7	
17.3%	6.7%	38.6%		4,945	2,550	367	271
13.5%	9.2%	25.9%	0	6,523	1,997	250	874
13.8%	11.8%	20.9%		13,198	3,476	774	667
26.1%	17.2%	33.6%	54	1,048	1,012	31	478
7.5%	2.4%	12.3%		1,822	1,281	141	516
16.9%	12.9%	23.6%	52	2,417	1,801	125	348
16.1%	5.1%	50.4%		3,525	1,258	129	5
16.0%	7.7%	34.0%	0	5,273	2,250	387	651
35.1%	27.4%	48.3%		2,613	2,207	146	412
26.8%	16.7%	64.6%		1,348	528	38	34
56.3%	56.7%	53.4%	253	602	210	37	
17.9%	15.0%	27.7%		8,231	2,083	448	533
18.6%	10.2%	63.6%		5,181	1,102	209	122
22.2%	17.2%	23.7%	56	245	224	27	300
7.3%	4.2%	15.7%		9,627	3,287	881	395
3.3%	2.4%	6.7%		8,711	1,297	546	383
2.3%	1.6%	5.5%		8,394	1,618	407	250
3.7%	1.8%	8.3%		9,069	3,534	733	574
2.6%	1.8%	7.5%		4,649	707	293	39
3.4%	2.6%	6.6%		8,037	1,965	528	183
1.0%		1.0%			301	131	432
2.5%	2.0%	6.4%		6,327	541	327	
3.1%	3.0%	3.7%		4,713	430	192	
32.0%	28.8%	51.1%	343	14,087	2,446	251	164
12.0%	0.5%	19.3%		2,024	3,167	423	283
24.4%	14.1%	49.1%	45	6,175	3,029	250	537
16.2%	7.0%	58.7%		6,744	1,614	409	164
48.6%	45.4%	54.3%		2,684	2,066	206	526
						30	
11.8%	3.4%	31.1%	16	6,052	1,948	334	386
10.7%	5.3%	28.5%		2,167	730	46	119
10.0%	8.0%	19.7%	271	4,849	1,042	263	54
15.5%	9.2%	28.7%	180	9,663	3,788	750	1,215
9.6%	5.6%	22.8%		8,022	1,878	488	429
24.7%	17.2%	45.4%		3,245	833	206	187

## The Top American Research Universities

Student Characteristics		Fall 2018 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	University of Houston - Univ. Park	46,324	38,348	82.8%	7,976	17.2%	4,919	3,419
Public	University of Idaho	11,841	9,568	80.8%	2,273	19.2%	1,406	465
Public	University of Illinois - Chicago	31,683	20,783	65.6%	10,900	34.4%	4,109	1,839
Public	Univ. of Illinois - Urbana-Champaign	49,702	33,915	68.2%	15,787	31.8%	7,600	1,232
Public	University of Iowa	31,656	23,989	75.8%	7,667	24.2%	4,726	990
Public	University of Kansas - Lawrence	27,690	19,596	70.8%	8,094	29.2%	4,097	1,023
Public	University of Kansas Medical Center	3,956	532	13.4%	3,553	89.8%	471	28
Public	University of Kentucky	29,182	22,136	75.9%	7,046	24.1%	4,980	719
Public	University of Louisville	21,430	15,641	73.0%	5,789	27.0%	2,731	708
Public	University of Maine - Orono	11,404	9,365	82.1%	2,039	17.9%	2,232	321
Public	University of Maryland - Baltimore	6,777	909	13.4%	5,868	86.6%		193
Public	Univ. of Maryland - Baltimore County	13,767	11,260	81.8%	2,507	18.2%	1,777	971
Public	University of Maryland - College Park	41,200	30,762	74.7%	10,438	25.3%	6,052	1,889
Public	Univ. of Massachusetts - Amherst	30,593	23,515	76.9%	7,078	23.1%	5,030	1,255
Public	Univ. of Mass. Med. Sch. - Worcester	1,185			1,185	100.0%		
Private	University of Miami	17,331	11,117	64.1%	6,214	35.9%	2,342	567
Public	University of Michigan - Ann Arbor	46,716	30,318	64.9%	16,398	35.1%	6,664	1,211
Public	University of Minnesota - Twin Cities	50,734	34,437	67.9%	16,297	32.1%	5,962	2,182
Public	University of Missouri - Columbia	29,843	22,484	75.3%	7,359	24.7%	4,615	847
Public	University of Montana - Missoula	10,962	8,306	75.8%	2,656	24.2%	1,372	451
Public	University of Nebraska - Lincoln	25,820	20,830	80.7%	4,990	19.3%	4,802	758
Public	University of Nebraska Medical Ctr.	3,972	869	21.9%	3,103	78.1%		355
Public	University of Nevada - Reno	21,463	17,930	83.5%	3,533	16.5%	3,651	900
Public	Univ. of New Hampshire - Durham	15,298	12,815	83.8%	2,483	16.2%	3,031	449
Public	Univ. of New Mexico - Albuquerque	24,319	18,621	76.6%	5,698	23.4%	2,596	687
Public	Univ. of North Carolina - Chapel Hill	30,011	19,117	63.7%	10,894	36.3%	4,318	805
Public	University of North Dakota	13,847	10,519	76.0%	3,328	24.0%	1,809	564
Private	University of Notre Dame	12,607	8,617	68.4%	3,990	31.6%	2,070	169
Public	University of Oklahoma - HSC	3,126	760	24.3%	2,366	75.7%		392
Public	University of Oklahoma - Norman	28,564	22,152	77.6%	6,412	22.4%	3,831	823
Public	University of Oregon	22,644	19,101	84.4%	3,543	15.6%	4,107	963
Private	University of Pennsylvania	25,860	11,851	45.8%	14,009	54.2%	2,457	131
Public	University of Pittsburgh - Pittsburgh	28,673	19,330	67.4%	9,343	32.6%	4,126	866
Public	University of Rhode Island	17,777	14,778	83.1%	2,999	16.9%	3,039	457
Private	University of Rochester	11,817	6,535	55.3%	5,282	44.7%	1,522	94
Public	Univ. of South Carolina - Columbia	34,795	26,733	76.8%	8,062	23.2%	5,849	1,817
Public	University of South Florida - Tampa	43,846	32,240	73.5%	11,606	26.5%	4,334	2,693
Private	University of Southern California	47,310	19,907	42.1%	27,403	57.9%	3,399	1,442
Public	University of Tennessee - Knoxville	28,894	22,815	79.0%	6,079	21.0%	5,205	1,219
Public	University of Texas - Austin	51,832	40,804	78.7%	11,028	21.3%	8,817	1,451
Public	University of Texas - El Paso	25,151	21,464	85.3%	3,687	14.7%	2,896	1,079
Public	University of Texas HSC - Houston	5,335	717	13.4%	4,618	86.6%		89
Public	Univ. of Texas HSC - San Antonio	3,292	774	23.5%	2,518	76.5%		187
Public	U. of Texas MD Anderson Cancer Ctr.	376	356	94.7%	20	5.3%		91
Public	U. of Texas Med. Branch - Galveston	3,343	753	22.5%	2,590	77.5%		348
Public	Univ. of Texas SW Med. Ctr. - Dallas	2,266			2,266	100.0%		
Public	University of Utah	33,023	24,743	74.9%	8,280	25.1%	3,987	1,183
Public	University of Vermont	13,395	11,328	84.6%	2,067	15.4%	2,512	425
Public	University of Virginia	24,639	16,777	68.1%	7,862	31.9%	3,822	626

## The Top American Research Universities

Fall 2018 Part-Time Enrollment			2018-2019 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
27.5%	26.9%	30.1%		7,631	1,929	346	482
28.8%	27.0%	36.1%		1,848	490	54	107
14.4%	7.4%	27.9%		4,524	2,460	343	754
12.9%	3.4%	33.1%		8,983	3,991	814	256
16.5%	9.6%	38.2%		5,811	1,324	418	467
16.8%	11.5%	29.7%		4,536	1,697	317	572
49.8%	0.0%	0.0%				39	
10.4%	7.5%	19.5%		5,535	1,253	337	622
25.6%	23.7%	30.8%	10	3,155	1,417	165	383
21.7%	12.9%	62.2%		1,739	353	69	
23.2%	22.8%	23.3%		438	894	73	825
21.3%	14.5%	51.9%		2,722	624	81	
11.2%	7.3%	22.4%		8,390	2,782	612	35
20.4%	7.4%	63.8%	43	6,878	1,701	350	39
5.9%		5.9%			34	52	156
8.2%	5.7%	12.8%		3,118	1,705	195	610
5.1%	3.5%	7.9%		7,815	4,752	827	706
21.6%	12.9%	40.1%		8,988	3,388	751	997
15.3%	7.8%	38.2%		6,314	1,473	426	357
27.3%	18.7%	54.2%	338	1,614	527	51	365
14.1%	6.5%	45.4%	0	4,859	952	316	136
13.5%	18.6%	12.1%		454	239	74	293
21.9%	15.2%	55.6%		4,101	726	123	63
9.2%	2.5%	43.5%	71	3,550	753	77	18
30.5%	26.8%	42.6%		4,321	1,200	220	320
16.0%	3.1%	38.6%		6,076	2,403	514	665
28.3%	22.2%	47.4%		2,231	819	83	231
2.3%	0.1%	6.9%		2,642	1,129	242	192
13.1%	5.4%	15.6%		428	254	19	383
22.8%	13.9%	53.3%		4,805	1,924	233	179
8.6%	8.1%	11.0%		5,139	969	183	101
15.1%	10.5%	18.9%	0	3,632	4,771	548	668
9.7%	4.7%	19.9%	30	5,451	2,137	391	606
19.4%	15.5%	38.8%		3,624	599	106	110
15.9%	3.7%	31.0%		1,921	1,369	253	100
10.1%	4.1%	30.1%	0	6,966	1,750	431	488
28.1%	23.0%	42.2%	362	8,684	3,266	373	379
13.4%	3.6%	20.6%		5,337	9,216	917	936
12.6%	5.8%	38.0%		5,103	1,496	383	197
6.3%	6.6%	5.3%		10,098	2,997	873	429
38.6%	34.6%	62.4%		3,846	1,257	101	31
36.9%	18.8%	39.7%		478	723	211	343
14.3%	13.2%	14.7%		370	269	42	347
19.9%	18.5%	45.0%		142	31		
28.9%	15.1%	32.9%		479	385	37	332
27.1%		27.1%			88	99	201
24.7%	25.2%	23.1%		5,236	2,197	376	459
10.9%	7.9%	27.1%		2,682	565	100	162
8.6%	4.7%	17.1%		5,167	2,085	343	431

Student Characteristics		Fall 2018 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	University of Washington - Seattle	47,400	32,099	67.7%	15,301	32.3%	7,096	1,455
Public	University of Wisconsin - Madison	43,463	31,705	72.9%	11,758	27.1%	6,851	1,104
Public	University of Wyoming	12,450	9,998	80.3%	2,452	19.7%	1,849	809
Public	Utah State University	27,932	24,880	89.1%	3,052	10.9%	4,086	978
Private	Vanderbilt University	12,824	6,861	53.5%	5,963	46.5%	1,601	220
Public	Virginia Commonwealth University	30,697	23,693	77.2%	7,004	22.8%	4,517	1,451
Public	Virginia Polytechnic Inst. and St. U.	34,683	27,811	80.2%	6,872	19.8%	6,254	1,018
Private	Wake Forest University	8,401	5,225	62.2%	3,176	37.8%	1,420	13
Public	Washington State Univ. - Pullman	31,478	26,098	82.9%	5,380	17.1%	5,048	2,213
Private	Washington University in St. Louis	15,852	7,751	48.9%	8,101	51.1%	1,785	94
Public	Wayne State University	27,025	17,574	65.0%	9,451	35.0%	2,957	1,281
Private	Weill Cornell Medical College	1,248			1,248	100.0%		
Public	West Virginia University	26,864	21,155	78.7%	5,709	21.3%	4,714	637
Private	Woods Hole Oceanographic Inst.							
Public	Wright State University - Dayton	14,403	10,925	75.9%	3,478	24.1%	1,854	612
Private	Yale University	13,433	5,964	44.4%	7,469	55.6%	1,573	16
Private	Yeshiva University	6,479	2,728	42.1%	3,751	57.9%	553	15

Fall 2018 Part-Time Enrollment			2018-2019 Degrees Awarded				
Percentage of Total Students Enrolled Part Time	Percentage of Undergraduates Enrolled Part Time	Percentage of Graduates Enrolled Part Time	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctorate Degrees	Professional Degrees
11.7%	8.1%	19.1%		9,269	4,081	729	565
10.2%	7.3%	17.8%		8,915	2,338	829	717
20.0%	15.4%	38.9%		2,387	501	106	132
33.8%	30.1%	64.1%	1,100	4,531	839	113	5
7.5%	1.0%	14.9%		2,280	1,481	319	395
17.6%	14.7%	27.3%		5,372	1,392	353	435
7.8%	2.3%	30.3%	54	7,156	1,501	469	160
6.2%	1.0%	14.7%		1,431	937	54	284
15.2%	12.3%	29.3%		5,827	923	312	273
13.1%	7.8%	18.2%	13	2,407	2,197	302	484
30.6%	26.3%	38.7%		3,652	2,148	216	560
					146	77	95
11.2%	7.5%	25.1%		4,561	1,476	194	373
32.2%	22.7%	62.2%		2,315	1,108	39	141
1.0%	0.4%	1.4%		1,664	2,568	430	305
17.0%	3.5%	26.8%	507	587	400	91	287

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Nationally	2020 No. of Measures in Top 26-50 Nationally	2019 No. of Measures in Top 25 Nationally	2019 No. of Measures in Top 26-50 Nationally
Public	Arizona State University	2	3	1	3
Public	Auburn University	0	0	0	0
Public	Augusta University	0	0	0	0
Private	Baylor College of Medicine	0	3	0	3
Private	Boston University	0	6	0	4
Private	Brown University	1	4	1	3
Private	California Institute of Technology	2	4	2	5
Private	Carnegie Mellon University	1	2	1	3
Private	Case Western Reserve University	0	2	0	2
Public	Clemson University	0	0	0	0
Public	Cleveland State University	0	0	0	0
Private	Cold Spring Harbor Laboratory	0	0	0	0
Public	Colorado State University - Fort Collins	0	0	0	0
Private	Columbia University	9	0	9	0
Private	Cornell University	5	4	4	5
Private	Dartmouth College	2	1	2	1
Private	Drexel University	0	0	0	0
Private	Duke University	8	1	7	2
Private	Emory University	2	6	2	6
Public	Florida International University	0	0	0	0
Public	Florida State University	0	1	0	2
Public	George Mason University	0	0	0	0
Private	George Washington University	0	0	0	0
Private	Georgetown University	0	2	0	1
Public	Georgia Institute of Technology	3	5	3	4
Public	Georgia State University	0	0	0	0
Private	Harvard University	9	0	9	0
Private	Icahn School of Medicine at Mount Sinai	2	2	1	3
Public	Indiana University - Bloomington	0	4	0	5
Public	Iowa State University	0	1	0	2
Private	Johns Hopkins University	8	1	8	1
Public	Kansas State University	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	0	0	0
Private	Massachusetts Institute of Technology	9	0	9	0
Private	Medical College of Wisconsin	0	0	0	0
Public	Medical University of South Carolina	0	0	0	0
Public	Michigan State University	1	6	0	7
Public	Mississippi State University	0	0	0	0
Public	Montana State University - Bozeman	0	0	0	0
Public	Naval Postgraduate School	0	0	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 University	5	3	5	3
Public	North Carolina State University	1	4	0	5
Private	Northeastern University	0	1	1	1
Private	Northwestern University	7	2	6	3
Public	Ohio State University - Columbus	6	1	7	1
Public	Oklahoma State University - Stillwater	0	0	0	0
Public	Oregon Health & Science University	0	1	0	1



# The Top American Research Universities

2018 No. of Measures in Top 25 Nationally	2018 No. of Measures in Top 26-50 Nationally	2017 No. of Measures in Top 25 Nationally	2017 No. of Measures in Top 26-50 Nationally	2016 No. of Measures in Top 25 Nationally	2016 No. of Measures in Top 26-50 Nationally	2015 No. of Measures in Top 25 Nationally	2015 No. of Measures in Top 26-50 Nationally
2	2	2	0	2	0	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	4	0	4	0	4	0	4
0	5	1	3	0	4	0	4
1	3	1	3	1	3	1	3
2	5	2	4	2	5	2	4
1	2	1	3	1	1	1	2
1	1	0	3	0	3	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
0	0	0	0	0	0	0	1
9	0	9	0	9	0	9	0
3	6	2	7	3	6	3	5
1	2	2	1	2	1	2	1
0	0	0	0	0	0	0	0
8	1	7	2	8	1	9	0
2	5	3	5	2	6	3	5
0	0	0	0	0	0	0	0
0	1	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	1	0	1	0	2	0	1
2	5	2	5	2	5	3	5
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
1	2	1	2	1	2	0	4
0	5	0	5	0	3	0	3
0	2	0	0	0	0	0	0
7	2	7	2	6	3	6	3
0	0	0	0	0	0	0	1
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	7	0	7	1	4	1	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
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
4	4	3	5	3	5	3	5
0	4	0	4	0	3	0	4
1	1	1	0	0	2	0	1
6	3	6	3	6	3	6	3
6	2	6	2	5	3	6	2
0	0	0	0	0	0	0	0
0	2	0	1	0	1	0	1

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Nationally	2020 No. of Measures in Top 26-50 Nationally	2019 No. of Measures in Top 25 Nationally	2019 No. of Measures in Top 26-50 Nationally
Public	Oregon State University	0	0	0	0
Public	Penn. State University - Hershey Med. Ctr.	0	0	0	0
Public	Pennsylvania State University - Univ. Park	3	3	3	3
Private	Princeton University	4	3	4	3
Public	Purdue University - West Lafayette	2	5	1	6
Private	Rensselaer Polytechnic Institute	0	1	0	0
Private	Rice University	2	0	2	1
Private	Rockefeller University	1	1	1	1
Private	Rush University	0	0	0	0
Public	Rutgers University - New Brunswick	1	4	1	4
Private	Scripps Research Institute	0	3	0	3
Private	Stanford University	9	0	9	0
Public	State Univ. of New York - Polytechnic Inst.	0	0	0	0
Public	Stony Brook University	0	0	0	0
Public	Temple University	0	0	0	0
Public	Texas A&M University - College Station	3	5	3	5
Private	Thomas Jefferson University	0	0	0	0
Private	Tufts University	0	1	0	1
Private	Tulane University	0	1	0	1
Public	Uniformed Services Univ. of the Health Sci.	0	0	0	0
Public	University at Albany	0	0	0	0
Public	University at Buffalo	0	1	0	0
Public	University of Alabama - Birmingham	0	2	0	2
Public	University of Alabama - Huntsville	0	0	0	0
Public	University of Alaska - Fairbanks	0	0	0	0
Public	University of Arizona	0	6	0	7
Public	University of Arkansas - Fayetteville	0	0	0	1
Public	University of Arkansas for Medical Sciences	0	0	0	0
Public	University of California - Berkeley	6	3	6	3
Public	University of California - Davis	2	5	3	4
Public	University of California - Irvine	0	3	0	4
Public	University of California - Los Angeles	7	1	8	0
Public	University of California - Riverside	0	0	0	1
Public	University of California - San Diego	5	2	5	2
Public	University of California - San Francisco	6	1	5	1
Public	University of California - Santa Barbara	1	2	1	0
Public	University of California - Santa Cruz	0	0	0	0
Public	University of Central Florida	0	0	0	0
Private	University of Chicago	5	3	5	3
Public	University of Cincinnati - Cincinnati	0	0	0	0
Public	University of Colorado - Boulder	0	4	1	4
Public	Univ. of Colorado - Denver/Anschutz Med.	0	3	0	2
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	1	0	1
Private	University of Dayton	0	0	0	0
Public	University of Delaware	0	0	0	0
Public	University of Florida	2	4	3	4
Public	University of Georgia	0	1	0	2
Public	University of Hawaii - Manoa	0	0	0	0

# The Top American Research Universities

2018 No. of Measures in Top 25 Nationally	2018 No. of Measures in Top 26-50 Nationally	2017 No. of Measures in Top 25 Nationally	2017 No. of Measures in Top 26-50 Nationally	2016 No. of Measures in Top 25 Nationally	2016 No. of Measures in Top 26-50 Nationally	2015 No. of Measures in Top 25 Nationally	2015 No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	2	4	1	3	4	3	4
5	1	3	4	4	2	4	3
1	5	2	4	1	5	1	5
0	0	0	1	0	1	0	1
2	1	2	0	2	1	2	1
1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0
1	4	1	3	3	2	0	4
0	3	0	3	1	2	0	3
9	0	9	0	9	0	9	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
4	3	4	3	3	5	4	2
0	0	0	0	0	0	0	0
1	0	1	0	1	0	1	0
0	1	0	0	0	0	0	1
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	2	0	2	0	2	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	7	0	7	0	6	0	5
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
7	2	7	2	7	2	7	1
1	5	2	4	3	3	2	3
0	3	0	3	0	3	0	3
8	0	8	0	7	1	7	1
0	1	0	1	0	0	0	0
5	2	5	2	5	2	4	3
5	2	6	1	6	1	6	1
1	0	1	0	1	0	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	3	5	3	5	3	5	3
0	0	0	2	0	1	0	4
2	4	1	5	1	4	1	3
0	2	0	1	0	2	0	1
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	1
3	4	3	4	3	4	2	5
0	2	0	1	0	1	0	2
0	0	0	0	0	0	0	0

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Nationally	2020 No. of Measures in Top 26-50 Nationally	2019 No. of Measures in Top 25 Nationally	2019 No. of Measures in Top 26-50 Nationally
Public	University of Houston - University Park	0	0	0	0
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	0	0	0
Public	University of Illinois - Urbana-Champaign	2	5	3	4
Public	University of Iowa	0	1	0	2
Public	University of Kansas - Lawrence	0	1	0	0
Public	University of Kansas Medical Center	0	0	0	0
Public	University of Kentucky	0	0	0	0
Public	University of Louisville	0	0	0	0
Public	University of Maine - Orono	0	0	0	0
Public	University of Maryland - Baltimore	0	0	0	0
Public	University of Maryland - Baltimore County	0	0	0	0
Public	University of Maryland - College Park	1	5	1	4
Public	University of Massachusetts - Amherst	0	1	0	1
Public	Univ. of Mass. Med. Sch. - Worcester	0	0	0	0
Private	University of Miami	0	1	0	1
Public	University of Michigan - Ann Arbor	8	1	8	1
Public	University of Minnesota - Twin Cities	6	2	6	2
Public	University of Missouri - Columbia	0	1	0	1
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 - 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	5	3
Public	University of North Dakota	0	0	0	0
Private	University of Notre Dame	3	1	3	0
Public	Univ. of Oklahoma - Health Sciences Ctr.	0	0	0	0
Public	University of Oklahoma - Norman	0	0	0	0
Public	University of Oregon	0	1	0	1
Private	University of Pennsylvania	8	1	8	1
Public	University of Pittsburgh - Pittsburgh	3	3	3	4
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	0	3	0	3
Public	University of South Carolina - Columbia	0	1	0	0
Public	University of South Florida - Tampa	0	1	0	1
Private	University of Southern California	6	3	4	5
Public	University of Tennessee - Knoxville	0	0	0	2
Public	University of Texas - Austin	4	4	5	2
Public	University of Texas - El Paso	0	0	0	0
Public	University of Texas HSC - Houston	0	0	0	0
Public	University of Texas HSC - San Antonio	0	0	0	0
Public	Univ. of Texas MD Anderson Cancer Center	1	1	2	0
Public	Univ. of Texas Medical Branch - Galveston	0	0	0	0
Public	Univ. of Texas SW Medical Center - Dallas	0	2	0	2
Public	University of Utah	0	5	0	4
Public	University of Vermont	0	0	0	0
Public	University of Virginia	1	5	1	1

# The Top American Research Universities

2018 No. of Measures in Top 25 Nationally	2018 No. of Measures in Top 26-50 Nationally	2017 No. of Measures in Top 25 Nationally	2017 No. of Measures in Top 26-50 Nationally	2016 No. of Measures in Top 25 Nationally	2016 No. of Measures in Top 26-50 Nationally	2015 No. of Measures in Top 25 Nationally	2015 No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1
3	4	3	4	3	4	5	2
0	3	0	3	0	3	0	4
0	0	0	0	0	1	0	1
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	0	0	0	0	0	0
0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
1	5	1	5	1	5	1	5
0	1	0	0	0	1	0	0
0	1	0	0	0	0	0	1
0	2	0	1	0	1	0	1
8	1	8	1	8	1	8	0
6	2	6	2	6	2	6	2
0	1	0	1	0	1	0	1
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	0	0	0	0	0	0
0	0	0	0	0	0	0	0
6	3	6	2	5	3	6	2
0	0	0	0	0	0	0	0
3	1	3	1	3	1	3	1
0	0	0	0	0	0	0	0
0	1	0	1	0	1	0	0
0	1	0	0	0	0	0	0
9	0	9	0	9	0	8	1
4	3	3	4	4	2	5	2
0	0	0	0	0	0	0	0
0	2	0	2	0	4	0	3
0	2	0	0	0	0	0	0
0	1	0	2	0	1	0	0
4	4	6	3	6	3	6	3
0	1	0	1	0	0	0	1
5	2	4	4	4	4	4	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
2	0	2	1	1	2	1	2
0	0	0	0	0	0	0	0
0	3	0	5	0	4	0	4
0	1	0	5	0	4	0	5
0	0	0	0	0	0	0	0
1	3	1	2	1	4	1	4

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Nationally	2020 No. of Measures in Top 26-50 Nationally	2019 No. of Measures in Top 25 Nationally	2019 No. of Measures in Top 26-50 Nationally
Public	University of Washington - Seattle	7	1	7	1
Public	University of Wisconsin - Madison	6	2	6	2
Public	University of Wyoming	0	0	0	0
Public	Utah State University	0	0	0	0
Private	Vanderbilt University	3	5	3	5
Public	Virginia Commonwealth University	0	0	0	0
Public	Virginia Polytechnic Institute and St. Univ.	0	3	0	3
Private	Wake Forest University	0	0	0	1
Public	Washington State University - Pullman	0	0	0	0
Private	Washington University in St. Louis	7	1	6	1
Public	Wayne State University	0	0	0	0
Private	Weill Cornell Medical College	0	1	0	2
Public	West Virginia University	0	0	0	0
Private	Woods Hole Oceanographic Institution	0	0	0	0
Public	Wright State University - Dayton	0	0	0	0
Private	Yale University	8	1	8	1
Private	Yeshiva University	0	0	0	0

2018 No. of Measures in Top 25 Nationally	2018 No. of Measures in Top 26-50 Nationally	2017 No. of Measures in Top 25 Nationally	2017 No. of Measures in Top 26-50 Nationally	2016 No. of Measures in Top 25 Nationally	2016 No. of Measures in Top 26-50 Nationally	2015 No. of Measures in Top 25 Nationally	2015 No. of Measures in Top 26-50 Nationally
7	1	7	1	7	1	7	1
6	2	7	1	7	1	6	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	4	3	4	4	3	4	4
0	0	0	0	0	0	0	0
0	3	0	2	0	2	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	3	4	4	4	4	5	3
0	0	0	0	0	0	0	0
0	2	0	1	0	2	0	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
8	1	8	1	8	1	8	1
0	0	0	0	0	0	0	1

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Among Privates/Publics	2020 No. of Measures in Top 26-50 Among Privates/Publics	2019 No. of Measures in Top 25 Among Privates/Publics	2019 No. of Measures in Top 26-50 Among Privates/Publics
Public	Arizona State University	4	4	2	5
Public	Auburn University	0	1	0	2
Public	Augusta University	0	0	0	0
Private	Baylor College of Medicine	4	1	3	2
Private	Boston University	6	3	6	2
Private	Brown University	5	4	4	5
Private	California Institute of Technology	7	2	8	1
Private	Carnegie Mellon University	5	4	6	3
Private	Case Western Reserve University	3	6	2	7
Public	Clemson University	0	1	1	1
Public	Cleveland State University	0	0	0	0
Private	Cold Spring Harbor Laboratory	0	4	0	4
Public	Colorado State University - Fort Collins	0	5	0	5
Private	Columbia University	9	0	9	0
Private	Cornell University	9	0	8	1
Private	Dartmouth College	4	4	4	4
Private	Drexel University	1	5	1	6
Private	Duke University	9	0	9	0
Private	Emory University	8	1	8	1
Public	Florida International University	0	2	0	0
Public	Florida State University	0	4	1	2
Public	George Mason University	0	1	0	0
Private	George Washington University	0	8	1	7
Private	Georgetown University	1	7	1	7
Public	Georgia Institute of Technology	7	2	7	2
Public	Georgia State University	0	0	0	0
Private	Harvard University	9	0	9	0
Private	Icahn School of Medicine at Mount Sinai	5	1	4	2
Public	Indiana University - Bloomington	3	5	4	4
Public	Iowa State University	0	6	0	7
Private	Johns Hopkins University	9	0	9	0
Public	Kansas State University	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	1	0	1
Private	Massachusetts Institute of Technology	9	0	9	0
Private	Medical College of Wisconsin	0	3	0	3
Public	Medical University of South Carolina	0	1	0	0
Public	Michigan State University	7	1	7	1
Public	Mississippi State University	0	0	0	0
Public	Montana State University - Bozeman	0	0	0	0
Public	Naval Postgraduate School	0	0	0	0
Public	New Jersey Institute of Technology	0	1	0	1
Public	New Mexico State University - Las Cruces	0	0	0	0
Private	New York University	8	0	8	0
Public	North Carolina State University	4	5	4	5
Private	Northeastern University	0	8	2	5
Private	Northwestern University	9	0	9	0
Public	Ohio State University - Columbus	8	1	9	0
Public	Oklahoma State University - Stillwater	0	0	0	0
Public	Oregon Health & Science University	0	6	0	5



# The Top American Research Universities

2018 No. of Measures in Top 25 Among Privates/Publics	2018 No. of Measures in Top 26-50 Among Privates/Publics	2017 No. of Measures in Top 25 Among Privates/Publics	2017 No. of Measures in Top 26-50 Among Privates/Publics	2016 No. of Measures in Top 25 Among Privates/Publics	2016 No. of Measures in Top 26-50 Among Privates/Publics	2015 No. of Measures in Top 25 Among Privates/Publics	2015 No. of Measures in Top 26-50 Among Privates/Publics
3	4	2	5	2	5	1	6
0	2	0	2	0	2	0	2
0	0	0	0	0	0	0	0
4	2	4	2	4	3	4	1
6	2	6	2	5	3	5	3
5	4	5	4	4	5	4	5
8	1	7	2	8	1	6	3
4	5	6	3	5	4	6	3
4	5	5	4	2	7	2	7
1	1	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	4	0	4	0	4	0	3
0	5	0	4	0	5	1	5
9	0	9	0	9	0	9	0
7	2	7	2	7	2	7	2
2	6	3	5	3	5	3	5
0	7	0	7	0	7	0	7
9	0	9	0	9	0	9	0
8	1	8	1	8	1	8	1
0	0	0	0	0	1	0	0
0	4	0	5	0	4	0	4
0	0	0	1	0	0	0	0
2	6	1	7	3	5	2	6
1	8	1	7	1	8	1	8
7	2	7	2	7	1	8	1
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
3	3	3	3	4	2	4	2
3	4	2	5	3	1	2	2
1	6	0	5	0	6	0	4
9	0	9	0	8	1	8	1
0	0	0	0	0	0	1	0
0	4	0	2	0	3	0	3
9	0	9	0	9	0	9	0
0	4	0	4	0	4	0	4
0	0	0	0	0	0	0	0
6	3	5	3	4	4	5	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
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
8	0	8	1	8	0	8	0
4	5	3	6	2	7	2	7
2	6	2	5	1	7	1	6
9	0	9	0	9	0	9	0
9	0	9	0	9	0	9	0
0	0	0	1	0	0	0	0
1	5	0	5	0	5	1	4

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Among Privates/Publics	2020 No. of Measures in Top 26-50 Among Privates/Publics	2019 No. of Measures in Top 25 Among Privates/Publics	2019 No. of Measures in Top 26-50 Among Privates/Publics
Public	Oregon State University	0	4	0	2
Public	Pennsylvania State Univ. - Hershey Med. Ctr.	0	0	0	0
Public	Pennsylvania State University - Univ. Park	6	2	6	1
Private	Princeton University	7	2	7	2
Public	Purdue University - West Lafayette	7	2	7	2
Private	Rensselaer Polytechnic Institute	0	8	0	7
Private	Rice University	2	7	3	6
Private	Rockefeller University	2	5	3	4
Private	Rush University	0	3	0	3
Public	Rutgers University - New Brunswick	5	4	5	4
Private	Scripps Research Institute	4	1	4	1
Private	Stanford University	9	0	9	0
Public	State Univ. of New York - Polytechnic Ins.	0	0	0	1
Public	Stony Brook University	1	4	1	3
Public	Temple University	0	0	0	0
Public	Texas A&M University - College Station	8	1	7	1
Private	Thomas Jefferson University	0	6	0	5
Private	Tufts University	0	8	0	9
Private	Tulane University	0	8	0	9
Public	Uniformed Services Univ. of the Health Sci.	0	2	0	2
Public	University at Albany	0	0	0	0
Public	University at Buffalo	0	6	0	5
Public	University of Alabama - Birmingham	2	1	2	1
Public	University of Alabama - Huntsville	0	1	1	0
Public	University of Alaska - Fairbanks	0	0	0	0
Public	University of Arizona	4	4	5	3
Public	University of Arkansas - Fayetteville	0	2	1	2
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	8	1	7	1
Public	University of California - Irvine	2	7	3	5
Public	University of California - Los Angeles	9	0	9	0
Public	University of California - Riverside	0	2	1	1
Public	University of California - San Diego	9	0	9	0
Public	University of California - San Francisco	7	0	6	1
Public	University of California - Santa Barbara	3	3	1	3
Public	University of California - Santa Cruz	0	2	0	2
Public	University of Central Florida	0	1	0	0
Private	University of Chicago	9	0	9	0
Public	University of Cincinnati - Cincinnati	0	5	0	5
Public	University of Colorado - Boulder	3	4	3	5
Public	Univ. of Colorado - Denver/Anschutz Med.	1	4	1	4
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	3	0	3
Private	University of Dayton	0	2	0	2
Public	University of Delaware	1	1	0	2
Public	University of Florida	8	1	8	1
Public	University of Georgia	2	6	2	5
Public	University of Hawaii - Manoa	0	2	0	3

# The Top American Research Universities

2018 No. of Measures in Top 25 Among Privates/Publics	2018 No. of Measures in Top 26-50 Among Privates/Publics	2017 No. of Measures in Top 25 Among Privates/Publics	2017 No. of Measures in Top 26-50 Among Privates/Publics	2016 No. of Measures in Top 25 Among Privates/Publics	2016 No. of Measures in Top 26-50 Among Privates/Publics	2015 No. of Measures in Top 25 Among Privates/Publics	2015 No. of Measures in Top 26-50 Among Privates/Publics
0	1	0	2	0	1	0	3
0	0	0	0	0	0	0	0
5	2	5	2	5	2	7	0
7	2	7	2	7	2	7	2
5	3	5	4	6	3	5	4
0	5	0	7	0	7	0	7
3	6	3	6	3	6	3	6
1	5	3	4	2	4	2	4
0	3	0	3	0	2	0	2
5	3	4	5	5	4	3	6
4	1	5	0	4	0	4	0
9	0	9	0	9	0	9	0
0	1	0	1	0	1	0	1
0	5	1	4	0	5	0	5
0	1	0	0	0	0	0	1
7	1	7	1	7	1	5	2
0	4	0	5	0	4	0	4
1	8	1	8	1	8	1	8
0	8	0	8	0	8	0	7
0	1	1	1	0	1	0	0
0	0	0	0	0	0	0	0
0	5	0	5	0	5	0	4
2	2	2	1	1	3	1	3
1	0	0	1	0	1	0	0
0	0	0	0	0	0	0	0
5	3	5	3	6	2	4	4
0	2	0	1	0	1	0	2
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
5	3	5	4	6	3	5	3
2	5	2	4	2	4	2	5
9	0	9	0	9	0	9	0
1	1	0	2	0	1	0	2
9	0	8	1	8	1	8	1
7	0	7	0	7	0	7	0
1	4	1	5	1	4	1	4
0	1	0	2	0	1	0	1
0	0	0	1	0	0	0	1
9	0	9	0	9	0	9	0
0	7	1	6	1	5	1	6
5	3	5	3	4	4	3	4
2	3	1	4	2	3	1	4
0	0	0	0	0	0	0	0
0	2	1	1	0	3	0	1
0	2	0	2	0	2	0	2
1	2	1	1	1	1	1	1
8	1	8	1	8	1	9	0
1	8	1	6	0	6	1	6
0	4	0	4	0	4	0	5

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Among Privates/Publics	2020 No. of Measures in Top 26-50 Among Privates/Publics	2019 No. of Measures in Top 25 Among Privates/Publics	2019 No. of Measures in Top 26-50 Among Privates/Publics
Public	University of Houston - University Park	0	2	0	4
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	3	0	4
Public	University of Illinois - Urbana-Champaign	9	0	9	0
Public	University of Iowa	1	7	1	7
Public	University of Kansas - Lawrence	1	1	0	2
Public	University of Kansas Medical Center	0	0	0	0
Public	University of Kentucky	0	7	0	5
Public	University of Louisville	0	0	0	0
Public	University of Maine - Orono	0	0	0	0
Public	University of Maryland - Baltimore	0	4	0	3
Public	University of Maryland - Baltimore County	0	1	0	0
Public	University of Maryland - College Park	6	2	6	2
Public	University of Massachusetts - Amherst	1	3	0	2
Public	University of Mass. Med. Sch. - Worcester	0	3	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	9	0	9	0
Public	University of Missouri - Columbia	0	3	1	4
Public	University of Montana - Missoula	0	0	0	0
Public	University of Nebraska - Lincoln	0	2	1	1
Public	University of Nebraska Medical Center	0	1	0	0
Public	University of Nevada - Reno	0	1	0	0
Public	University of New Hampshire - Durham	0	0	0	0
Public	University of New Mexico - Albuquerque	0	2	0	2
Public	University of North Carolina - Chapel Hill	9	0	9	0
Public	University of North Dakota	0	0	0	0
Private	University of Notre Dame	5	2	4	5
Public	Univ. of Oklahoma - Health Sciences Ctr.	0	0	0	0
Public	University of Oklahoma - Norman	0	2	0	0
Public	University of Oregon	1	2	1	3
Private	University of Pennsylvania	9	0	9	0
Public	University of Pittsburgh - Pittsburgh	7	2	7	2
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	4	4	3	5
Public	University of South Carolina - Columbia	0	2	0	4
Public	University of South Florida - Tampa	0	6	0	6
Private	University of Southern California	8	1	8	1
Public	University of Tennessee - Knoxville	0	4	0	3
Public	University of Texas - Austin	9	0	8	1
Public	University of Texas - El Paso	0	0	0	0
Public	University of Texas HSC - Houston	0	0	0	1
Public	University of Texas HSC - San Antonio	0	0	0	0
Public	Univ. of Texas MD Anderson Cancer Center	2	4	2	4
Public	Univ. of Texas Medical Branch - Galveston	0	0	0	0
Public	Univ. of Texas SW Medical Center - Dallas	3	3	3	4
Public	University of Utah	2	6	3	5
Public	University of Vermont	0	0	0	1
Public	University of Virginia	5	4	3	5

# The Top American Research Universities

2018 No. of Measures in Top 25 Among Privates/Publics	2018 No. of Measures in Top 26-50 Among Privates/Publics	2017 No. of Measures in Top 25 Among Privates/Publics	2017 No. of Measures in Top 26-50 Among Privates/Publics	2016 No. of Measures in Top 25 Among Privates/Publics	2016 No. of Measures in Top 26-50 Among Privates/Publics	2015 No. of Measures in Top 25 Among Privates/Publics	2015 No. of Measures in Top 26-50 Among Privates/Publics
0	4	0	4	0	4	0	3
0	0	0	0	0	0	0	0
0	4	0	4	0	5	0	5
9	0	8	1	9	0	9	0
1	7	2	6	2	6	3	6
0	4	0	2	1	2	1	2
0	0	0	0	0	0	0	0
0	8	1	4	0	6	0	6
0	1	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	4	0	4	0	4	0	4
0	0	0	1	0	1	0	1
5	3	7	1	6	2	7	0
0	2	0	3	1	1	0	3
0	4	0	3	0	3	0	3
4	4	3	4	3	4	3	4
9	0	9	0	9	0	9	0
9	0	9	0	9	0	9	0
1	4	0	6	0	5	0	5
0	0	0	0	0	0	0	0
0	1	0	2	1	1	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	2	0	2	0	2	0	2
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
4	5	4	5	5	4	4	5
0	0	0	0	0	0	0	0
1	1	1	1	1	1	0	1
1	2	0	4	0	4	0	1
9	0	9	0	9	0	9	0
6	3	7	2	6	3	7	2
0	0	0	0	0	0	0	0
3	5	3	5	5	3	5	2
2	3	0	2	0	5	0	3
0	6	1	5	0	6	0	5
8	1	8	1	8	1	8	1
0	3	1	2	0	3	0	5
7	2	8	1	8	1	9	0
0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	2
0	0	0	0	0	0	0	0
2	4	4	2	4	2	4	2
0	0	0	0	0	0	0	0
3	4	4	3	4	3	4	3
1	6	5	3	3	5	5	3
0	0	0	0	0	0	0	0
4	5	4	5	5	4	4	5

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2020 No. of Measures in Top 25 Among Privates/Publics	2020 No. of Measures in Top 26-50 Among Privates/Publics	2019 No. of Measures in Top 25 Among Privates/Publics	2019 No. of Measures in Top 26-50 Among Privates/Publics
Public	University of Washington - Seattle	9	0	8	1
Public	University of Wisconsin - Madison	9	0	9	0
Public	University of Wyoming	0	0	0	0
Public	Utah State University	0	1	0	0
Private	Vanderbilt University	9	0	9	0
Public	Virginia Commonwealth University	1	1	1	1
Public	Virginia Polytechnic Institute and St. Univ.	1	7	1	8
Private	Wake Forest University	0	7	1	6
Public	Washington State University - Pullman	0	4	0	5
Private	Washington University in St. Louis	9	0	9	0
Public	Wayne State University	0	0	0	0
Private	Weill Cornell Medical College	2	5	3	3
Public	West Virginia University	0	1	0	0
Private	Woods Hole Oceanographic Institution	0	3	0	4
Public	Wright State University - Dayton	0	0	0	0
Private	Yale University	9	0	9	0
Private	Yeshiva University	1	3	0	5

2018 No. of Measures in Top 25 Among Privates/Publics	2018 No. of Measures in Top 26-50 Among Privates/Publics	2017 No. of Measures in Top 25 Among Privates/Publics	2017 No. of Measures in Top 26-50 Among Privates/Publics	2016 No. of Measures in Top 25 Among Privates/Publics	2016 No. of Measures in Top 26-50 Among Privates/Publics	2015 No. of Measures in Top 25 Among Privates/Publics	2015 No. of Measures in Top 26-50 Among Privates/Publics
8	1	8	1	8	1	8	1
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
9	0	8	1	8	1	9	0
1	0	1	0	1	1	1	1
2	5	1	7	2	6	2	6
0	7	0	7	0	6	0	7
0	4	0	6	0	4	0	3
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	1
4	2	3	3	3	3	4	2
0	0	0	0	0	1	0	0
0	3	0	4	0	4	0	4
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
1	3	0	6	1	5	1	6

Federal Research with and without Medical School Research										
Institutions with Over \$40 Million in Federal Research excluding Standalone Medical Schools, Alphabetically		AAMC Med School	2018 Federal (x1000)	2018 AAMC Fed (x1000)	2018 Rank Incl AAMC	2018 Rank Excl AAMC	2017 Federal (x1000)	2017 AAMC Fed (x1000)	2017 Rank Incl AAMC	2017 Rank Excl AAMC
Public	Arizona State University		244,795	0	56	33	214,845	0	58	36
Public	Auburn University		57,718	0	141	119	54,693	0	142	121
Public	Augusta University	Yes	48,800	31,762	153	206	48,921	27,926	151	185
Private	Boston University	Yes	264,281	104,750	50	51	253,828	103,975	47	52
Private	Brown University	Yes	161,384	49,832	79	71	141,864	45,325	84	82
Private	California Institute of Technology		268,765	0	47	28	272,323	0	44	23
Private	Carnegie Mellon University		181,958	0	70	43	189,974	0	65	40
Private	Case Western Reserve University	Yes	346,935	291,089	33	121	325,354	272,583	36	124
Public	Clemson University		66,618	0	133	110	62,920	0	133	110
Public	Cleveland State University		54,987	0	146	123	52,317	0	146	126
Private	Cold Spring Harbor Laboratory		67,139	0	132	109	54,260	0	143	122
Public	Colorado State University - Fort Collins		257,355	0	52	30	232,405	0	54	30
Private	Columbia University	Yes	673,792	343,676	6	16	632,994	314,062	8	18
Private	Cornell University		297,855	0	43	20	279,525	0	43	22
Private	Dartmouth College	Yes	139,692	78,206	88	115	136,977	83,359	87	123
Private	Drexel University	Yes	80,074	30,248	123	129	69,326	28,813	127	141
Private	Duke University	Yes	644,179	395,619	10	32	622,174	375,864	9	29
Private	Emory University	Yes	392,971	214,150	27	45	381,151	213,016	25	44
Public	Florida International University	Yes	80,417	5,284	122	105	66,351	3,716	130	111
Public	Florida State University	Yes	129,435	10,886	92	69	118,359	6,839	94	72
Public	George Mason University		64,315	0	135	111	52,432	0	145	125
Private	George Washington University	Yes	153,412	34,546	82	68	144,567	30,382	81	68
Private	Georgetown University	Yes	88,778	68,516	110	194	93,224	76,101	107	204
Public	Georgia Institute of Technology		646,317	0	9	2	578,107	0	12	2
Public	Georgia State University		55,241	0	145	122	54,842	0	141	120
Private	Harvard University	Yes	578,722	188,060	13	10	565,269	165,167	13	8
Public	Indiana University - Bloomington	Yes	245,402	153,988	55	87	241,350	131,070	50	74
Public	Iowa State University		145,241	0	83	56	125,607	0	91	63
Private	Johns Hopkins University	Yes	2,246,705	472,304	1	1	2,173,734	464,346	1	1
Public	Kansas State University		77,730	0	125	102	72,321	0	123	101
Public	Louisiana State University - Baton Rouge		83,453	0	121	97	80,044	0	120	97
Private	Massachusetts Institute of Technology		476,576	0	20	6	484,597	0	16	5
Public	Michigan State University	Yes	315,674	18,330	40	21	329,533	14,707	34	19
Public	Mississippi State University		88,365	0	112	89	87,435	0	111	89
Public	Montana State University - Bozeman		67,705	0	131	108	66,449	0	129	107
Public	Naval Postgraduate School		41,151	0	163	141	42,246	0	158	137
Public	New Jersey Institute of Technology		78,313	0	124	101	64,840	0	132	109
Public	New Mexico State University - Las Cruces		53,417	0	148	124	59,087	0	136	114
Private	New York University	Yes	395,445	273,585	26	67	369,947	245,133	27	64
Public	North Carolina State University		214,440	0	61	39	213,544	0	60	37
Private	Northeastern University		109,443	0	99	75	90,190	0	108	87
Private	Northwestern University	Yes	464,689	281,468	21	42	438,732	262,514	22	42
Public	Ohio State University - Columbus	Yes	439,594	50,469	24	11	427,154	47,443	24	10
Public	Oklahoma State University - Stillwater		40,052	0	164	142	42,331	0	157	136
Public	Oregon State University		166,354	0	77	49	157,708	0	76	49
Public	Pennsylvania State University - Univ. Park		501,784	0	17	4	477,111	0	18	6
Private	Princeton University		179,659	0	71	44	175,485	0	72	43
Public	Purdue University - West Lafayette		230,208	0	59	36	224,965	0	55	31
Private	Rensselaer Polytechnic Institute		46,385	0	156	133	47,749	0	153	129



## The Top American Research Universities

2016 Federal (x1000)	2016 AAMC Fed (x1000)	2016 Rank Incl AAMC	2016 Rank Excl AAMC	2015 Federal (x1000)	2015 AAMC Fed (x1000)	2015 Rank Incl AAMC	2015 Rank Excl AAMC	2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC
200,280	0	59	36	186,890	0	65	39	186,126	0	65	38
54,258	0	141	119	47,939	0	149	125	49,739	0	149	126
50,294	27,203	149	175	50,585	23,589	144	160	47,771	27,219	151	185
250,523	97,570	47	48	256,562	113,968	49	52	254,285	115,773	48	51
131,751	41,734	84	84	127,886	41,467	83	83	125,005	37,446	84	87
260,489	0	45	23	269,156	0	44	23	276,447	0	42	22
190,620	0	64	40	187,259	0	64	38	198,247	0	61	34
320,402	263,290	35	117	307,960	251,043	36	117	328,548	265,930	29	112
52,184	0	142	121	45,292	0	153	130	44,673	0	155	132
49,659	0	151	126	41,721	0	157	133	44,139	0	156	133
50,478	0	147	125	49,063	0	148	124	41,845	0	158	134
227,624	0	52	30	213,685	0	54	32	206,958	0	56	33
585,578	275,404	9	17	577,833	275,830	7	18	591,523	277,143	8	15
280,461	0	42	19	277,163	0	41	20	299,320	0	36	20
138,641	92,734	81	130	145,807	92,511	79	121	145,080	94,250	76	124
65,193	28,158	131	142	67,226	24,660	127	132	75,557	9,434	122	108
574,738	335,765	11	28	558,566	318,274	9	27	556,847	318,028	10	28
360,197	205,575	26	46	346,534	199,294	25	50	329,254	199,084	27	54
68,539	2,682	129	106	67,293	2,595	126	108	68,946	1,769	126	106
118,294	5,567	94	67	133,569	4,855	82	56	140,995	3,413	79	52
50,687	0	144	122	54,113	0	140	120	53,775	0	143	120
138,735	21,081	80	64	135,667	19,172	81	66	139,148	17,636	82	58
82,819	67,726	115	207	87,268	74,601	105	219	99,567	82,261	103	204
567,100	0	12	2	548,063	0	11	2	510,422	0	14	2
40,897	0	161	135	36,843	0	164	137	29,470	0	182	153
549,539	163,758	13	8	530,382	153,831	13	8	554,944	170,892	11	8
216,917	116,863	55	72	206,263	108,460	57	73	80,109	0	117	93
124,242	0	89	59	113,443	0	95	69	115,285	0	91	62
2,100,097	471,932	1	1	1,988,993	445,116	1	1	1,936,953	443,740	1	1
67,863	0	130	102	66,632	0	128	106	64,565	0	129	109
84,954	0	113	90	82,276	0	113	89	93,584	0	105	79
501,702	0	15	4	486,650	0	15	4	480,991	0	16	4
294,369	9,749	38	18	256,228	9,194	50	26	247,970	14,634	49	29
86,570	0	111	87	79,181	0	116	92	70,615	0	125	102
61,490	0	135	112	62,827	0	132	109	66,770	0	128	107
50,560	0	146	124	71,987	0	123	101	89,284	0	109	84
63,322	0	132	108	50,554	0	145	122	51,853	0	146	123
61,494	0	134	111	78,253	0	120	96	80,247	0	116	92
332,483	224,016	33	68	326,691	212,823	32	68	314,712	204,375	31	67
197,261	0	61	37	196,058	0	60	36	177,722	0	70	41
78,668	0	120	94	78,379	0	119	95	77,401	0	120	97
424,638	250,143	21	41	385,868	232,322	24	48	385,888	224,480	24	46
418,887	48,670	22	9	406,941	49,761	22	9	416,177	54,055	21	9
41,186	0	160	134	38,498	0	160	136	36,687	0	163	139
156,437	0	74	45	150,625	0	77	49	143,815	0	77	50
463,244	0	18	6	447,956	0	19	5	461,896	0	18	5
161,562	0	73	44	157,867	0	75	47	163,805	0	72	44
214,373	0	56	33	209,005	0	56	34	227,857	0	53	30
48,887	0	153	127	59,417	0	136	114	58,940	0	136	115

**Federal Research with and without Medical School Research**

Institutions with Over \$40 Million in Federal Research excluding Standalone Medical Schools, Alphabetically		AAMC Med School	2018 Federal (x1000)	2018 AAMC Fed (x1000)	2018 Rank Incl AAMC	2018 Rank Excl AAMC	2017 Federal (x1000)	2017 AAMC Fed (x1000)	2017 Rank Incl AAMC	2017 Rank Excl AAMC
Private	Rice University		77,607	0	126	103	83,894	0	117	93
Private	Rockefeller University		87,231	0	116	92	86,763	0	112	90
Public	Rutgers University - New Brunswick	Yes	330,823	54,276	36	26	316,118	53,043	37	25
Private	Scripps Research Institute		267,088	0	48	29	250,090	0	48	28
Private	Stanford University	Yes	685,871	466,092	4	38	684,928	460,584	4	32
Public	State Univ. of New York - Polytechnic Inst.		41,753	0	162	140	41,247	0	161	140
Public	Stony Brook University	Yes	134,802	49,874	89	94	125,150	48,653	92	100
Public	Temple University	Yes	141,505	59,471	87	98	143,636	62,623	82	96
Public	Texas A&M University - College Station	Yes	316,771	18,189	39	19	294,602	14,859	41	21
Private	Tufts University	Yes	128,404	36,727	93	86	138,004	37,686	85	79
Private	Tulane University	Yes	102,090	26,427	104	104	93,747	21,923	106	102
Public	University at Albany		84,561	0	120	95	82,551	0	119	95
Public	University at Buffalo	Yes	183,124	29,810	69	53	184,313	29,782	68	50
Public	University of Alabama - Birmingham	Yes	370,401	228,904	30	60	356,303	209,223	31	55
Public	University of Alabama - Huntsville		74,315	0	129	106	68,259	0	128	106
Public	University of Alaska - Fairbanks		93,562	0	106	84	95,467	0	105	83
Public	University of Arizona	Yes	287,852	56,799	45	35	269,201	50,031	45	35
Public	University of Arkansas - Fayetteville		48,288	0	154	130	42,198	0	159	138
Public	University of California - Berkeley		324,521	0	38	17	326,548	0	35	16
Public	University of California - Davis	Yes	354,823	103,304	31	31	337,995	87,371	33	27
Public	University of California - Irvine	Yes	192,182	54,160	66	61	178,789	50,305	71	61
Public	University of California - Los Angeles	Yes	557,986	271,951	14	23	479,799	260,203	17	34
Public	University of California - Riverside	Yes	75,990	3,667	128	107	75,920	5,798	122	104
Public	University of California - San Diego	Yes	634,676	349,882	12	24	639,643	338,575	7	20
Public	University of California - Santa Barbara		110,065	0	98	73	113,173	0	95	69
Public	University of California - Santa Cruz		62,218	0	137	112	65,133	0	131	108
Public	University of Central Florida	Yes	89,504	5,250	109	96	82,777	5,385	118	99
Private	University of Chicago	Yes	297,824	170,847	44	64	302,361	175,599	40	62
Public	University of Cincinnati - Cincinnati	Yes	246,400	75,881	53	48	239,659	76,341	51	48
Public	University of Colorado - Boulder		376,870	0	29	12	359,462	0	30	14
Public	Univ. of Colorado - Denver/Anschutz Med.	Yes	326,254	191,546	37	62	305,473	173,982	39	60
Public	University of Connecticut - Storrs		88,586	0	111	88	99,884	0	104	81
Private	University of Dayton		130,488	0	91	63	112,584	0	97	71
Public	University of Delaware		113,582	0	96	70	113,031	0	96	70
Public	University of Florida	Yes	340,725	119,864	34	37	314,187	109,751	38	39
Public	University of Georgia		144,926	0	84	57	153,279	0	78	51
Public	University of Hawaii - Manoa	Yes	166,398	18,507	76	55	181,750	17,652	69	47
Public	University of Houston - University Park		62,134	0	138	113	57,263	0	137	117
Public	University of Idaho		47,475	0	155	131	48,879	0	152	128
Public	University of Illinois - Chicago	Yes	189,322	87,927	68	80	188,730	85,213	67	77
Public	University of Illinois - Urbana-Champaign		339,732	0	35	15	344,657	0	32	15
Public	University of Iowa	Yes	243,216	92,819	57	54	236,679	89,205	52	54
Public	University of Kansas - Lawrence		85,397	0	119	93	85,807	0	113	91
Public	University of Kentucky	Yes	168,968	59,140	73	74	168,347	53,935	73	67
Public	University of Louisville	Yes	77,281	51,375	127	172	69,722	44,958	126	173
Public	University of Maine - Orono		45,206	0	157	135	37,189	0	166	144
Public	University of Maryland - Baltimore County		52,934	0	149	125	52,008	0	147	127
Public	University of Maryland - College Park		351,952	0	32	14	361,269	0	29	13
Public	University of Massachusetts - Amherst		103,555	0	103	77	101,992	0	102	78

## The Top American Research Universities

2016 Federal (x1000)	2016 AAMC Fed (x1000)	2016 Rank Incl AAMC	2016 Rank Excl AAMC	2015 Federal (x1000)	2015 AAMC Fed (x1000)	2015 Rank Incl AAMC	2015 Rank Excl AAMC	2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC
82,643	0	116	91	73,817	0	122	100	73,782	0	124	101
80,667	0	117	92	81,949	0	114	91	81,820	0	114	89
318,123	49,191	36	21	320,311	47,981	35	22	355,116	42,392	25	17
242,489	0	48	27	274,097	0	42	21	292,268	0	37	21
668,578	433,557	4	29	645,633	411,680	4	28	608,342	366,231	4	27
21,380	0	209	185	14,641	0	233	207	21,208	0	209	818
118,296	46,827	93	100	115,031	47,049	93	104	111,386	51,367	97	114
134,132	57,156	83	96	119,945	52,951	89	105	118,892	43,055	89	99
281,015	15,533	41	22	291,714	14,231	38	19	266,877	0	45	23
124,363	33,688	88	83	120,181	33,781	88	84	115,046	35,588	92	94
89,028	22,385	108	104	84,143	23,605	109	112	94,287	25,285	104	104
74,092	0	122	98	78,824	0	118	94	104,861	0	99	72
180,095	28,377	68	49	174,146	27,092	70	51	185,144	28,169	66	48
346,190	200,079	28	50	325,008	184,555	33	53	276,112	170,690	44	71
68,882	0	128	101	66,564	0	130	107	73,913	0	123	100
87,829	0	110	86	78,985	0	117	93	83,483	0	113	88
259,443	44,579	46	32	265,878	42,269	46	31	286,595	41,933	38	25
39,527	0	162	136	33,486	0	170	146	26,014	0	192	162
338,562	0	31	14	342,042	0	26	11	309,305	0	33	18
334,534	81,256	32	25	322,919	89,513	34	29	327,697	85,100	30	26
170,674	47,567	71	60	170,622	48,250	72	59	180,431	53,617	69	55
479,718	267,024	17	34	482,771	276,847	16	35	458,157	268,928	19	36
69,924	5,341	125	107	62,642	2,737	133	113	56,327	2,600	137	121
602,336	325,443	8	20	601,184	245,930	5	10	597,270	246,807	7	12
114,884	0	95	66	114,596	0	94	67	119,816	0	87	60
93,651	0	104	81	91,249	0	104	81	89,206	0	110	85
80,365	4,821	118	97	81,788	5,022	115	97	64,323	7,590	130	117
293,557	176,108	39	65	290,776	180,683	39	70	276,237	168,641	43	68
229,761	75,839	51	47	250,457	73,101	51	43	243,705	82,031	51	45
360,827	0	25	10	341,828	0	27	12	302,877	0	34	19
289,757	161,098	40	55	266,147	144,216	45	60	277,209	156,914	41	59
99,926	0	101	73	91,837	0	103	80	80,317	0	115	91
97,635	0	102	75	74,548	0	121	99	63,881	0	131	110
108,378	0	98	69	109,258	0	97	71	111,933	0	96	65
297,267	101,547	37	38	281,317	97,378	40	40	279,920	96,651	40	40
138,374	0	82	53	127,825	0	84	57	122,145	0	85	57
189,683	17,442	65	42	199,818	16,432	58	41	202,574	18,479	59	39
58,085	0	138	115	54,516	0	139	119	55,574	0	138	118
50,083	0	150	809	49,591	0	147	123	49,423	0	150	127
175,302	74,872	69	71	192,930	74,506	61	64	201,646	83,250	60	61
320,703	0	34	16	330,479	0	30	16	336,172	0	26	13
236,363	93,873	49	52	223,730	86,255	53	54	234,122	99,673	52	53
79,916	0	119	93	85,862	0	107	85	88,725	0	111	86
152,708	51,723	77	70	145,097	49,066	80	76	140,450	47,963	80	81
69,781	42,716	126	160	66,100	43,342	131	177	63,258	39,871	132	171
34,125	0	170	147	35,033	0	167	143	50,338	0	148	125
50,645	0	145	123	47,591	0	150	126	46,993	0	152	129
354,788	0	27	12	332,079	0	28	14	328,828	0	28	14
97,576	0	103	76	97,206	0	101	74	102,682	0	101	74

Federal Research with and without Medical School Research										
Institutions with Over \$40 Million in Federal Research excluding Standalone Medical Schools, Alphabetically		AAMC Med School	2018 Federal (x1000)	2018 AAMC Fed (x1000)	2018 Rank Incl AAMC	2018 Rank Excl AAMC	2017 Federal (x1000)	2017 AAMC Fed (x1000)	2017 Rank Incl AAMC	2017 Rank Excl AAMC
Private	University of Miami	Yes	191,408	141,541	67	128	193,549	109,757	64	94
Public	University of Michigan - Ann Arbor	Yes	841,158	354,099	3	5	822,436	330,023	3	4
Public	University of Minnesota - Twin Cities	Yes	455,294	132,660	23	18	448,814	125,588	20	17
Public	University of Missouri - Columbia	Yes	108,254	13,823	100	83	106,804	12,023	100	85
Public	University of Montana - Missoula		51,975	0	150	126	44,465	0	155	132
Public	University of Nebraska - Lincoln		102,078	0	105	78	99,956	0	103	80
Public	University of Nevada - Reno	Yes	59,879	16,268	140	136	53,438	13,971	144	142
Public	University of New Hampshire - Durham		87,854	0	115	91	85,714	0	114	92
Public	University of New Mexico - Albuquerque	Yes	167,315	56,947	74	72	159,583	52,671	75	76
Public	University of North Carolina - Chapel Hill	Yes	681,581	277,044	5	8	657,879	265,721	5	9
Public	University of North Dakota	Yes	48,858	11,272	152	146	40,845	10,689	162	153
Private	University of Notre Dame		92,144	0	108	85	90,038	0	109	88
Public	University of Oklahoma - Norman		87,989	0	114	90	70,348	0	124	103
Public	University of Oregon		56,403	0	143	120	57,092	0	138	118
Private	University of Pennsylvania	Yes	671,796	397,175	7	27	653,405	395,147	6	26
Public	University of Pittsburgh - Pittsburgh	Yes	643,129	411,114	11	34	612,754	390,880	10	33
Public	University of Rhode Island		61,135	0	139	116	59,623	0	135	113
Private	University of Rochester	Yes	283,973	141,070	46	59	267,040	133,394	46	59
Public	University of South Carolina - Columbia	Yes	88,117	9,087	113	99	89,565	10,123	110	98
Public	University of South Florida - Tampa	Yes	245,414	71,876	54	46	234,871	68,276	53	45
Private	University of Southern California	Yes	488,081	193,397	19	22	436,515	170,450	23	24
Public	University of Tennessee - Knoxville		143,406	0	85	58	142,549	0	83	56
Public	University of Texas - Austin	Yes	386,954	10,336	28	13	377,389	3,754	26	11
Public	University of Texas - El Paso		43,214	0	160	137	43,759	0	156	135
Public	University of Utah	Yes	302,586	109,131	41	41	218,405	101,365	56	66
Public	University of Vermont	Yes	86,936	54,153	118	153	78,383	49,284	121	156
Public	University of Virginia	Yes	231,161	132,354	58	82	215,193	120,279	57	84
Public	University of Washington - Seattle	Yes	955,518	451,705	2	3	912,856	411,316	2	3
Public	University of Wisconsin - Madison	Yes	555,666	142,233	15	7	552,983	137,645	14	7
Public	University of Wyoming		42,538	0	161	139	56,178	0	139	119
Public	Utah State University		158,576	0	80	52	137,295	0	86	58
Private	Vanderbilt University	Yes	456,599	65,293	22	9	442,669	72,143	21	12
Public	Virginia Commonwealth University	Yes	122,771	61,115	95	114	127,341	65,386	90	112
Public	Virginia Polytechnic Inst. and State Univ.		195,140	0	64	40	181,379	0	70	41
Private	Wake Forest University	Yes	154,031	137,238	81	209	147,746	134,374	80	222
Public	Washington State University - Pullman	Yes	131,229	8,735	90	66	133,308	10,427	89	65
Private	Washington University in St. Louis	Yes	496,648	388,427	18	76	468,637	359,784	19	75
Public	Wayne State University	Yes	107,791	56,223	101	127	106,865	62,628	99	133
Public	West Virginia University	Yes	73,518	14,196	130	117	70,256	12,030	125	115
Private	Woods Hole Oceanographic Institution		163,003	0	78	50	148,491	0	79	53
Public	Wright State University - Dayton	Yes	43,359	8,366	159	148	35,514	7,574	168	162
Private	Yale University	Yes	549,026	422,519	16	65	531,995	393,639	15	57
Private	Yeshiva University	Yes	197,140	178,147	63	199	189,075	171,698	66	203

## The Top American Research Universities

2016 Federal (x1000)	2016 AAMC Fed (x1000)	2016 Rank Incl AAMC	2016 Rank Excl AAMC	2015 Federal (x1000)	2015 AAMC Fed (x1000)	2015 Rank Incl AAMC	2015 Rank Excl AAMC	2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC
194,346	108,757	62	89	192,691	109,899	62	87	202,818	121,723	58	90
780,080	304,267	3	5	728,712	293,618	3	6	733,779	297,638	3	6
462,570	131,858	19	15	468,482	135,686	18	13	483,542	121,874	15	10
105,125	11,236	99	80	102,852	10,884	99	79	102,784	12,916	100	82
38,726	0	163	138	33,617	0	168	144	30,164	0	179	151
93,532	0	105	82	94,763	0	102	78	93,190	0	106	80
51,630	13,682	143	141	49,977	13,482	146	138	50,904	18,516	147	144
89,457	0	107	85	83,106	0	111	86	89,640	0	107	83
153,100	57,477	76	78	151,619	54,920	76	75	151,082	50,456	75	75
624,131	263,944	6	11	577,574	249,915	8	17	601,933	248,809	6	11
42,253	9,576	157	148	37,457	9,318	163	155	40,191	7,813	160	145
85,870	0	112	88	82,615	0	112	88	79,192	0	119	95
72,153	0	123	99	69,520	0	125	116	53,223	0	145	122
55,137	0	140	118	56,448	0	138	118	62,824	0	133	111
638,336	385,413	5	26	597,791	370,570	6	30	606,115	380,930	5	31
575,281	363,744	10	35	554,658	344,314	10	33	565,409	350,989	9	32
58,438	0	137	114	61,085	0	134	111	61,836	0	134	113
265,430	140,747	44	58	261,023	141,609	47	63	265,686	153,838	46	66
88,231	10,078	109	95	84,723	9,758	108	98	87,844	10,920	112	98
210,823	65,998	57	51	196,215	59,162	59	55	205,155	59,544	57	49
396,197	142,085	23	24	408,105	149,851	21	24	421,887	155,039	20	24
125,528	0	85	56	116,928	0	92	65	122,120	0	86	69
340,181	335	30	13	331,388	81	29	15	313,955	0	32	16
41,384	0	159	133	40,334	0	158	134	34,528	0	166	141
224,270	93,624	53	54	270,311	91,280	43	42	284,125	95,267	39	37
83,124	54,441	114	155	83,733	54,792	110	152	79,727	51,878	118	156
198,760	101,474	60	77	186,676	96,694	66	82	192,907	89,693	63	73
893,050	370,953	2	3	851,573	347,903	2	3	849,713	341,694	2	3
548,247	130,592	14	7	506,910	122,693	14	7	522,251	129,396	13	7
63,223	0	133	109	47,232	0	151	128	39,778	0	162	136
124,981	0	86	57	119,811	0	90	62	114,075	0	93	63
395,505	275,177	24	63	390,701	308,597	23	90	408,743	310,219	23	76
124,962	58,995	87	105	123,665	52,213	86	102	119,507	51,909	88	105
190,975	0	63	39	191,080	0	63	37	198,092	0	62	35
140,651	131,030	79	244	148,084	142,284	78	277	153,069	145,964	74	265
122,275	0	91	61	121,627	0	87	61	112,568	0	95	64
436,229	337,671	20	74	424,723	326,558	20	72	410,115	313,053	22	77
109,460	61,442	96	128	108,221	60,982	98	127	112,608	65,542	94	128
70,313	12,548	124	116	66,608	7,541	129	115	67,450	10,396	127	116
166,010	0	72	43	172,995	0	71	44	177,616	0	71	42
30,093	7,190	175	178	26,814	7,440	189	190	27,523	7,440	187	188
494,504	373,527	16	62	471,381	343,791	17	58	475,585	349,194	17	56
218,787	156,329	54	110	180,791	169,894	69	232	186,885	174,705	64	226



## 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 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.

*The Center for Measuring University Performance* 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 two National Academy members among their faculty. Tables in this section include:

- **2018 Total Research Expenditures**
- **2018 Federal Research Expenditures**
- **2019 Endowment Assets**
- **2019 Annual Giving**
- **2019 National Academy Membership**
- **2019 Faculty Awards**
- **2019 Doctorates Awarded**
- **2018 Postdoctoral Appointees**
- **2018 SAT Scores**
- **2019 National Merit Scholars**

Data found in these tables may not always match the figures published by the original source. *The Center for Measuring University Performance* 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, *The Center for Measuring University Performance* may substitute another figure if available. A full discussion of this subject, and the various adjustments or substitutions made to the original data, is in the Data Notes section of this report.

*The Center for Measuring University Performance* presents these tables, along with the prior years' top 200, as Microsoft Excel spreadsheets online at [<http://mup.umass.edu>].

The Top 200 Institutions – Total Research Expenditures (2018)

Top 1-50 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	2,656,152	1	1	Private
University of California - San Francisco	1,595,732	2	1	Public
University of Michigan - Ann Arbor	1,493,353	3	2	Public
University of Washington - Seattle	1,342,509	4	3	Public
University of Pennsylvania	1,304,291	5	2	Private
University of California - San Diego	1,256,171	6	4	Public
University of California - Los Angeles	1,242,619	7	5	Public
Duke University	1,153,947	8	3	Private
University of Wisconsin - Madison	1,113,968	9	6	Public
Stanford University	1,106,314	10	4	Private
University of North Carolina - Chapel Hill	1,094,063	11	7	Public
Harvard University	1,066,612	12	5	Private
University of Pittsburgh - Pittsburgh	995,762	13	8	Public
Yale University	972,856	14	6	Private
University of Texas MD Anderson Cancer Center	929,710	15	9	Public
University of Minnesota - Twin Cities	915,798	16	10	Public
Columbia University	908,771	17	7	Private
Massachusetts Institute of Technology	893,508	18	8	Private
Texas A&M University - College Station	882,191	19	11	Public
Georgia Institute of Technology	859,009	20	12	Public
University of Southern California	854,673	21	9	Private
University of Florida	831,362	22	13	Public
Ohio State University - Columbus	818,428	23	14	Public
New York University	801,961	24	10	Private
Washington University in St. Louis	797,267	25	11	Private
Pennsylvania State University - University Park	783,960	26	15	Public
Northwestern University	776,458	27	12	Private
University of California - Davis	774,775	28	16	Public
University of California - Berkeley	747,690	29	17	Public
Vanderbilt University	702,128	30	13	Private
Emory University	693,172	31	14	Private
Michigan State University	673,959	32	18	Public
University of Arizona	672,038	33	19	Public
Rutgers University - New Brunswick	666,368	34	20	Public
Icahn School of Medicine at Mount Sinai	640,141	35	15	Private
Cornell University	630,255	36	16	Private
Baylor College of Medicine	623,396	37	17	Private
University of Texas - Austin	617,567	38	21	Public
University of Illinois - Urbana-Champaign	609,984	39	22	Public
University of Alabama - Birmingham	575,060	40	23	Public
Arizona State University	559,391	41	24	Public
Purdue University - West Lafayette	535,826	42	25	Public
Indiana University - Bloomington	534,811	43	26	Public
University of Utah	534,208	44	27	Public
University of Maryland - College Park	529,200	45	28	Public
University of South Florida - Tampa	524,744	46	29	Public
Virginia Polytechnic Institute and State University	520,575	47	30	Public
University of Colorado - Denver/Anschutz Medical	517,749	48	31	Public
North Carolina State University	497,851	49	32	Public
University of Virginia	490,902	50	33	Public



The Top 200 Institutions – Total Research Expenditures (2018)

Top 51-100 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Colorado - Boulder	488,883	51	34	Public
University of Iowa	484,253	52	35	Public
University of Texas SW Medical Center - Dallas	474,260	53	36	Public
University of Cincinnati - Cincinnati	464,289	54	37	Public
University of Maryland - Baltimore	450,619	55	38	Public
Boston University	435,864	56	18	Private
Case Western Reserve University	430,379	57	19	Private
University of Chicago	412,791	58	20	Private
Weill Cornell Medical College	403,485	59	21	Private
University of California - Irvine	399,295	60	39	Public
Scripps Research Institute	396,839	61	22	Private
University at Buffalo	393,241	62	40	Public
University of Georgia	390,773	63	41	Public
University of Kentucky	382,973	64	42	Public
Oregon Health & Science University	372,148	65	43	Public
University of Rochester	369,072	66	23	Private
California Institute of Technology	363,007	67	24	Private
Colorado State University - Fort Collins	356,951	68	44	Public
University of Miami	355,132	69	25	Private
Rockefeller University	353,142	70	26	Private
Princeton University	351,594	71	27	Private
Iowa State University	343,890	72	45	Public
University of Illinois - Chicago	343,254	73	46	Public
Carnegie Mellon University	318,218	74	28	Private
Washington State University - Pullman	314,688	75	47	Public
Uniformed Services University of the Health Sciences	308,326	76	48	Public
University of Tennessee - Knoxville	303,951	77	49	Public
Yeshiva University	300,630	78	29	Private
Dartmouth College	287,951	79	30	Private
Medical University of South Carolina	282,253	80	50	Public
Louisiana State University - Baton Rouge	278,075	81	51	Public
University of Nebraska - Lincoln	275,161	82	52	Public
University of Massachusetts Medical Sch. - Worcester	274,211	83	53	Public
University of Hawaii - Manoa	272,971	84	54	Public
Oregon State University	266,684	85	55	Public
Florida State University	260,486	86	56	Public
University of Texas Health Science Center - Houston	258,411	87	57	Public
State Univ. of New York - Polytechnic Institute	257,316	88	58	Public
Temple University	253,548	89	59	Public
University of Missouri - Columbia	245,600	90	60	Public
University of New Mexico - Albuquerque	245,400	91	61	Public
George Washington University	242,029	92	31	Private
Stony Brook University	240,949	93	62	Public
Mississippi State University	235,581	94	63	Public
Brown University	233,689	95	32	Private
Wayne State University	230,231	96	64	Public
Medical College of Wisconsin	229,436	97	33	Private
University of California - Santa Barbara	223,349	98	65	Public
Virginia Commonwealth University	222,757	99	66	Public
Utah State University	215,994	100	67	Public

The Top 200 Institutions – Total Research Expenditures (2018)

Top 101-150 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Woods Hole Oceanographic Institution	204,400	101	34	Private
Kansas State University	201,866	102	68	Public
University of Texas Health Science Ctr. - San Antonio	201,630	103	69	Public
University of South Carolina - Columbia	199,483	104	70	Public
Tufts University	197,478	105	35	Private
University of Massachusetts - Amherst	193,495	106	71	Public
Georgetown University	192,160	107	36	Private
Wake Forest University	190,991	108	37	Private
University of Notre Dame	190,469	109	38	Private
Auburn University	184,650	110	72	Public
University of Texas Medical Branch - Galveston	181,831	111	73	Public
Tulane University	179,813	112	39	Private
University of Delaware	179,560	113	74	Public
University of Kansas - Lawrence	177,249	114	75	Public
University of Nebraska Medical Center	177,245	115	76	Public
University of Central Florida	176,094	116	77	Public
West Virginia University	176,082	117	78	Public
University of Louisville	168,433	118	79	Public
Florida International University	165,748	119	80	Public
University of Connecticut - Storrs	163,543	120	81	Public
University of California - Riverside	162,054	121	82	Public
Clemson University	160,361	122	83	Public
University of Houston - University Park	158,543	123	84	Public
Rice University	157,352	124	40	Private
Northeastern University	156,546	125	41	Private
Oklahoma State University - Stillwater	154,418	126	85	Public
University at Albany	151,303	127	86	Public
Thomas Jefferson University	148,573	128	42	Private
Drexel University	148,107	129	43	Private
University of Arkansas - Fayetteville	146,029	130	87	Public
University of Dayton	143,636	131	44	Private
University of Oklahoma - Norman	143,376	132	88	Public
North Dakota State University	140,507	133	89	Public
Texas Tech University	139,500	134	90	Public
University of Arkansas for Medical Sciences	139,187	135	91	Public
University of Alaska - Fairbanks	138,989	136	92	Public
University of New Hampshire - Durham	133,378	137	93	Public
Georgia State University	133,302	138	94	Public
University of Vermont	129,798	139	95	Public
University of Nevada - Reno	127,049	140	96	Public
George Mason University	125,416	141	97	Public
New Jersey Institute of Technology	124,565	142	98	Public
University of California - Santa Cruz	123,221	143	99	Public
University of Oklahoma - Health Sciences Center	119,487	144	100	Public
Cold Spring Harbor Laboratory	115,870	145	45	Private
Montana State University - Bozeman	114,496	146	101	Public
University of Wyoming	112,857	147	102	Public
University of Maine - Orono	105,810	148	103	Public
University of Idaho	105,578	149	104	Public
Binghamton University	105,017	150	105	Public

The Top 200 Institutions – Total Research Expenditures (2018)

Top 151-200 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Louisiana - Lafayette	102,812	151	106	Public
Pennsylvania State University - Hershey Medical Ctr.	101,701	152	107	Public
University of Texas - Dallas	100,950	153	108	Public
University of North Dakota	100,061	154	109	Public
Augusta University	99,043	155	110	Public
University of Rhode Island	98,271	156	111	Public
University of Alabama - Huntsville	94,519	157	112	Public
Rensselaer Polytechnic Institute	94,221	158	46	Private
University of Connecticut - Health Center	93,283	159	113	Public
University of Kansas Medical Center	92,245	160	114	Public
New Mexico State University - Las Cruces	92,231	161	115	Public
Rush University	89,101	162	47	Private
University of Texas - Arlington	87,257	163	116	Public
University of Montana - Missoula	86,096	164	117	Public
University of Oregon	83,132	165	118	Public
University of Texas - El Paso	80,824	166	119	Public
University of Tennessee Health Science Center	79,460	167	120	Public
Syracuse University	78,642	168	48	Private
Cleveland State University	77,203	169	121	Public
Michigan Technological University	75,194	170	122	Public
University of Maryland - Baltimore County	70,358	171	123	Public
San Diego State University	69,858	172	124	Public
Wright State University - Dayton	67,615	173	125	Public
Wichita State University	66,916	174	126	Public
University of Texas - San Antonio	66,192	175	127	Public
University of Massachusetts - Lowell	65,060	176	128	Public
South Dakota State University	63,287	177	129	Public
University of Nevada - Las Vegas	62,711	178	130	Public
University of Mississippi Medical Center	60,821	179	131	Public
University of Alabama - Tuscaloosa	59,911	180	132	Public
Colorado School of Mines	58,288	181	133	Public
Brandeis University	56,750	182	49	Private
University of Mississippi - Oxford	56,569	183	134	Public
Saint Louis University - St. Louis	55,913	184	50	Private
University of California System Admin Central Office	55,676	185	135	Public
Van Andel Institute	55,171	186	51	Private
William & Mary	54,508	187	136	Public
Indiana University-Purdue University - Indianapolis	54,270	188	137	Public
University of Wisconsin - Milwaukee	53,585	189	138	Public
Univ. of Maryland Center for Environmental Science	53,398	190	139	Public
City University of NY - City College	53,132	191	140	Public
Naval Postgraduate School	52,551	192	141	Public
Northern Arizona University	52,105	193	142	Public
Old Dominion University	51,747	194	143	Public
University of Memphis	50,819	195	144	Public
University of Southern Mississippi	49,785	196	145	Public
Southern Illinois University - Carbondale	49,636	197	146	Public
Ohio University - Athens	49,518	198	147	Public
University of North Texas Health Science Center	49,503	199	148	Public
University of Toledo	48,184	200	149	Public

The Top 200 Institutions – Federal Research Expenditures (2018)

Top 1-50 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	2,246,705	1	1	Private
University of Washington - Seattle	955,518	2	1	Public
University of Michigan - Ann Arbor	841,158	3	2	Public
Stanford University	685,871	4	2	Private
University of North Carolina - Chapel Hill	681,581	5	3	Public
Columbia University	673,792	6	3	Private
University of Pennsylvania	671,796	7	4	Private
University of California - San Francisco	669,470	8	4	Public
Georgia Institute of Technology	646,317	9	5	Public
Duke University	644,179	10	5	Private
University of Pittsburgh - Pittsburgh	643,129	11	6	Public
University of California - San Diego	634,676	12	7	Public
Harvard University	578,722	13	6	Private
University of California - Los Angeles	557,986	14	8	Public
University of Wisconsin - Madison	555,666	15	9	Public
Yale University	549,026	16	7	Private
Pennsylvania State University - University Park	501,784	17	10	Public
Washington University in St. Louis	496,648	18	8	Private
University of Southern California	488,081	19	9	Private
Massachusetts Institute of Technology	476,576	20	10	Private
Northwestern University	464,689	21	11	Private
Vanderbilt University	456,599	22	12	Private
University of Minnesota - Twin Cities	455,294	23	11	Public
Ohio State University - Columbus	439,594	24	12	Public
Icahn School of Medicine at Mount Sinai	398,656	25	13	Private
New York University	395,445	26	14	Private
Emory University	392,971	27	15	Private
University of Texas - Austin	386,954	28	13	Public
University of Colorado - Boulder	376,870	29	14	Public
University of Alabama - Birmingham	370,401	30	15	Public
University of California - Davis	354,823	31	16	Public
University of Maryland - College Park	351,952	32	17	Public
Case Western Reserve University	346,935	33	16	Private
University of Florida	340,725	34	18	Public
University of Illinois - Urbana-Champaign	339,732	35	19	Public
Rutgers University - New Brunswick	330,823	36	20	Public
University of Colorado - Denver/Anschutz Medical	326,254	37	21	Public
University of California - Berkeley	324,521	38	22	Public
Texas A&M University - College Station	316,771	39	23	Public
Michigan State University	315,674	40	24	Public
University of Utah	302,586	41	25	Public
Baylor College of Medicine	300,098	42	17	Private
Cornell University	297,855	43	18	Private
University of Chicago	297,824	44	19	Private
University of Arizona	287,852	45	26	Public
University of Rochester	283,973	46	20	Private
California Institute of Technology	268,765	47	21	Private
Scripps Research Institute	267,088	48	22	Private
Oregon Health & Science University	264,492	49	27	Public
Boston University	264,281	50	23	Private

The Top 200 Institutions – Federal Research Expenditures (2018)

Top 51-100 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
University of Maryland - Baltimore	263,732	51	28	Public
Colorado State University - Fort Collins	257,355	52	29	Public
University of Cincinnati - Cincinnati	246,400	53	30	Public
University of South Florida - Tampa	245,414	54	31	Public
Indiana University - Bloomington	245,402	55	32	Public
Arizona State University	244,795	56	33	Public
University of Iowa	243,216	57	34	Public
University of Virginia	231,161	58	35	Public
Purdue University - West Lafayette	230,208	59	36	Public
Uniformed Services University of the Health Sciences	218,702	60	37	Public
North Carolina State University	214,440	61	38	Public
University of Texas SW Medical Center - Dallas	197,910	62	39	Public
Yeshiva University	197,140	63	24	Private
Virginia Polytechnic Institute and State University	195,140	64	40	Public
University of Massachusetts Medical Sch. - Worcester	194,953	65	41	Public
University of California - Irvine	192,182	66	42	Public
University of Miami	191,408	67	25	Private
University of Illinois - Chicago	189,322	68	43	Public
University at Buffalo	183,124	69	44	Public
Carnegie Mellon University	181,958	70	26	Private
Princeton University	179,659	71	27	Private
University of Texas MD Anderson Cancer Center	173,206	72	45	Public
University of Kentucky	168,968	73	46	Public
University of New Mexico - Albuquerque	167,315	74	47	Public
Weill Cornell Medical College	166,613	75	28	Private
University of Hawaii - Manoa	166,398	76	48	Public
Oregon State University	166,354	77	49	Public
Woods Hole Oceanographic Institution	163,003	78	29	Private
Brown University	161,384	79	30	Private
Utah State University	158,576	80	50	Public
Wake Forest University	154,031	81	31	Private
George Washington University	153,412	82	32	Private
Iowa State University	145,241	83	51	Public
University of Georgia	144,926	84	52	Public
University of Tennessee - Knoxville	143,406	85	53	Public
Medical University of South Carolina	142,639	86	54	Public
Temple University	141,505	87	55	Public
Dartmouth College	139,692	88	33	Private
Stony Brook University	134,802	89	56	Public
Washington State University - Pullman	131,229	90	57	Public
University of Dayton	130,488	91	34	Private
Florida State University	129,435	92	58	Public
Tufts University	128,404	93	35	Private
University of Texas Health Science Center - Houston	128,232	94	59	Public
Virginia Commonwealth University	122,771	95	60	Public
University of Delaware	113,582	96	61	Public
Medical College of Wisconsin	111,273	97	36	Private
University of California - Santa Barbara	110,065	98	62	Public
Northeastern University	109,443	99	37	Private
University of Missouri - Columbia	108,254	100	63	Public

The Top 200 Institutions – Federal Research Expenditures (2018)

Top 101-150 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Wayne State University	107,791	101	64	Public
University of Texas Medical Branch - Galveston	104,356	102	65	Public
University of Massachusetts - Amherst	103,555	103	66	Public
Tulane University	102,090	104	38	Private
University of Nebraska - Lincoln	102,078	105	67	Public
University of Alaska - Fairbanks	93,562	106	68	Public
University of Nebraska Medical Center	93,463	107	69	Public
University of Notre Dame	92,144	108	39	Private
University of Central Florida	89,504	109	70	Public
Georgetown University	88,778	110	40	Private
University of Connecticut - Storrs	88,586	111	71	Public
Mississippi State University	88,365	112	72	Public
University of South Carolina - Columbia	88,117	113	73	Public
University of Oklahoma - Norman	87,989	114	74	Public
University of New Hampshire - Durham	87,854	115	75	Public
Rockefeller University	87,231	116	41	Private
University of Texas Health Science Ctr. - San Antonio	86,956	117	76	Public
University of Vermont	86,936	118	77	Public
University of Kansas - Lawrence	85,397	119	78	Public
University at Albany	84,561	120	79	Public
Louisiana State University - Baton Rouge	83,453	121	80	Public
Florida International University	80,417	122	81	Public
Drexel University	80,074	123	42	Private
New Jersey Institute of Technology	78,313	124	82	Public
Kansas State University	77,730	125	83	Public
Rice University	77,607	126	43	Private
University of Louisville	77,281	127	84	Public
University of California - Riverside	75,990	128	85	Public
University of Alabama - Huntsville	74,315	129	86	Public
West Virginia University	73,518	130	87	Public
Montana State University - Bozeman	67,705	131	88	Public
Cold Spring Harbor Laboratory	67,139	132	44	Private
Clemson University	66,618	133	89	Public
Thomas Jefferson University	64,869	134	45	Private
George Mason University	64,315	135	90	Public
Rush University	64,178	136	46	Private
University of California - Santa Cruz	62,218	137	91	Public
University of Houston - University Park	62,134	138	92	Public
University of Rhode Island	61,135	139	93	Public
University of Nevada - Reno	59,879	140	94	Public
Auburn University	57,718	141	95	Public
University of Arkansas for Medical Sciences	57,523	142	96	Public
University of Oregon	56,403	143	97	Public
Pennsylvania State University - Hershey Medical Ctr.	55,539	144	98	Public
Georgia State University	55,241	145	99	Public
Cleveland State University	54,987	146	100	Public
University of Oklahoma - Health Sciences Center	54,481	147	101	Public
New Mexico State University - Las Cruces	53,417	148	102	Public
University of Maryland - Baltimore County	52,934	149	103	Public
University of Montana - Missoula	51,975	150	104	Public

The Top 200 Institutions – Federal Research Expenditures (2018)

Top 151-200 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
University of Connecticut - Health Center	50,436	151	105	Public
University of North Dakota	48,858	152	106	Public
Augusta University	48,800	153	107	Public
University of Arkansas - Fayetteville	48,288	154	108	Public
University of Idaho	47,475	155	109	Public
Rensselaer Polytechnic Institute	46,385	156	47	Private
University of Maine - Orono	45,206	157	110	Public
University of Kansas Medical Center	44,639	158	111	Public
Wright State University - Dayton	43,359	159	112	Public
University of Texas - El Paso	43,214	160	113	Public
University of Wyoming	42,538	161	114	Public
State Univ. of New York - Polytechnic Institute	41,753	162	115	Public
Naval Postgraduate School	41,151	163	116	Public
Oklahoma State University - Stillwater	40,052	164	117	Public
University of Tennessee Health Science Center	39,421	165	118	Public
Colorado School of Mines	39,311	166	119	Public
University of Texas - Dallas	39,010	167	120	Public
San Diego State University	37,873	168	121	Public
Brandeis University	37,371	169	48	Private
City University of NY - City College	36,402	170	122	Public
North Dakota State University	34,485	171	123	Public
University of Texas - Arlington	34,063	172	124	Public
Syracuse University	33,045	173	49	Private
University of Nevada - Las Vegas	32,711	174	125	Public
University of Mississippi Medical Center	32,678	175	126	Public
Howard University	32,573	176	50	Private
Michigan Technological University	32,366	177	127	Public
San Jose State University	31,592	178	128	Public
University of Puerto Rico - Medical Sciences	30,597	179	129	Public
University of Southern Mississippi	30,331	180	130	Public
University of Mississippi - Oxford	30,043	181	131	Public
Florida A&M University	29,861	182	132	Public
Northern Arizona University	29,137	183	133	Public
University of Massachusetts - Lowell	28,982	184	134	Public
University of Texas - San Antonio	28,943	185	135	Public
Old Dominion University	28,792	186	136	Public
William & Mary	27,836	187	137	Public
Illinois Institute of Technology	27,742	188	51	Private
Saint Louis University - St. Louis	27,694	189	52	Private
Boston College	27,674	190	53	Private
University of Alabama - Tuscaloosa	27,660	191	138	Public
U.S. Air Force Academy	27,650	192	139	Public
University of North Texas Health Science Center	27,579	193	140	Public
South Dakota State University	27,013	194	141	Public
Louisiana State University HSC - New Orleans	26,988	195	142	Public
State Univ. of New York - Downstate Medical Center	26,302	196	143	Public
Stevens Institute of Technology	25,521	197	54	Private
University of Toledo	25,056	198	144	Public
Texas Tech University	24,503	199	145	Public
University of Wisconsin - Milwaukee	24,348	200	146	Public

The Top 200 Institutions – Endowment Assets (2019)

Top 1-50 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	39,427,896	1	1	Private
Yale University	30,314,800	2	2	Private
Stanford University	27,699,834	3	3	Private
Princeton University	26,116,023	4	4	Private
Massachusetts Institute of Technology	17,569,328	5	5	Private
University of Pennsylvania	14,649,762	6	6	Private
University of Texas - Austin	13,817,599	7	1	Public
Texas A&M University - College Station	12,736,450	8	2	Public
University of Michigan - Ann Arbor	12,448,817	9	3	Public
University of Notre Dame	11,268,365	10	7	Private
Northwestern University	11,091,516	11	8	Private
Columbia University	10,950,738	12	9	Private
Duke University	8,609,004	13	10	Private
University of Chicago	8,263,868	14	11	Private
Washington University in St. Louis	7,953,986	15	12	Private
Emory University	7,872,381	16	13	Private
University of Virginia	7,058,235	17	4	Public
Rice University	6,481,102	18	14	Private
Johns Hopkins University	6,275,939	19	15	Private
Vanderbilt University	6,270,877	20	16	Private
Cornell University	5,803,967	21	17	Private
University of Southern California	5,732,101	22	18	Private
Dartmouth College	5,731,322	23	19	Private
Ohio State University - Columbus	5,256,759	24	5	Public
University of California - Berkeley	4,903,675	25	6	Public
University of California - Los Angeles	4,902,768	26	7	Public
New York University	4,345,608	27	20	Private
University of Pittsburgh - Pittsburgh	4,311,387	28	8	Public
Brown University	3,976,694	29	21	Private
University of Minnesota - Twin Cities	3,951,464	30	9	Public
University of California - San Francisco	3,679,094	31	10	Public
University of North Carolina - Chapel Hill	3,671,351	32	11	Public
University of Wisconsin - Madison	3,553,672	33	12	Public
Michigan State University	3,404,779	34	13	Public
California Institute of Technology	2,975,376	35	22	Private
University of Washington - Seattle	2,935,220	36	14	Public
Williams College	2,888,962	37	23	Private
Purdue University - West Lafayette	2,625,278	38	15	Public
Pennsylvania State University - University Park	2,549,603	39	16	Public
Carnegie Mellon University	2,542,650	40	24	Private
Boston College	2,523,300	41	25	Private
University of Richmond	2,517,969	42	26	Private
Amherst College	2,473,283	43	27	Private
Pomona College	2,324,594	44	28	Private
Boston University	2,304,235	45	29	Private
Rockefeller University	2,293,239	46	30	Private
University of Rochester	2,239,720	47	31	Private
Wellesley College	2,173,415	48	32	Private
Georgia Institute of Technology	2,169,005	49	17	Public
Swarthmore College	2,131,553	50	33	Private



The Top 200 Institutions – Endowment Assets (2019)

Top 51-100 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Grinnell College	2,069,953	51	34	Private
Virginia Commonwealth University	2,042,520	52	18	Public
University of Texas SW Medical Center - Dallas	2,007,032	53	19	Public
Smith College	1,913,253	54	35	Private
Brigham Young University - Provo	1,878,296	55	36	Private
Tufts University	1,867,962	56	37	Private
Case Western Reserve University	1,866,500	57	38	Private
University of Illinois - Urbana-Champaign	1,857,157	58	20	Public
University of Florida	1,825,250	59	21	Public
Georgetown University	1,822,484	60	39	Private
George Washington University	1,778,559	61	40	Private
University of California - San Diego	1,746,546	62	22	Public
Bowdoin College	1,743,663	63	41	Private
Texas Christian University	1,708,867	64	42	Private
Washington and Lee University	1,676,308	65	43	Private
University of California - Davis	1,670,738	66	23	Public
Southern Methodist University	1,663,864	67	44	Private
University of Iowa	1,578,933	68	24	Public
Weill Cornell Medical College	1,522,808	69	45	Private
University of Delaware	1,466,070	70	25	Public
University of Cincinnati - Cincinnati	1,453,000	71	26	Public
Tulane University	1,429,707	72	46	Private
University of Kansas - Lawrence	1,419,568	73	27	Public
Lehigh University	1,411,641	74	47	Private
University of Kentucky	1,407,221	75	28	Public
University of Texas MD Anderson Cancer Center	1,405,649	76	29	Public
North Carolina State University	1,400,655	77	30	Public
Syracuse University	1,392,691	78	48	Private
University of Oklahoma - Norman	1,384,500	79	31	Public
Wake Forest University	1,375,398	80	49	Private
Virginia Polytechnic Institute and State University	1,357,969	81	32	Public
University of Georgia	1,343,987	82	33	Public
Baylor University	1,340,417	83	50	Private
Baylor College of Medicine	1,301,005	84	51	Private
Trinity University	1,280,248	85	52	Private
Rutgers University - New Brunswick	1,253,185	86	34	Public
Saint Louis University - St. Louis	1,252,678	87	53	Private
Indiana University - Purdue University - Indianapolis	1,241,295	88	35	Public
University of Utah	1,225,045	89	36	Public
University of Arkansas - Fayetteville	1,221,935	90	37	Public
Berea College	1,218,740	91	54	Private
Indiana University - Bloomington	1,172,818	92	38	Public
Middlebury College	1,157,786	93	55	Private
MCPHS University	1,131,298	94	56	Private
University of Oregon	1,131,111	95	39	Public
Princeton Theological Seminary	1,127,362	96	57	Private
Vassar College	1,117,380	97	58	Private
University of Tulsa	1,113,722	98	59	Private
Juilliard School	1,103,572	99	60	Private
Iowa State University	1,101,709	100	40	Public

The Top 200 Institutions – Endowment Assets (2019)

Top 101-150 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
University of Nebraska - Lincoln	1,082,434	101	41	Public
Loma Linda University	1,076,898	102	61	Private
Brandeis University	1,073,526	103	62	Private
Washington State University - Pullman	1,067,842	104	42	Public
Berry College	1,058,605	105	63	Private
Northeastern University	1,055,474	106	64	Private
University of Missouri - Columbia	1,052,760	107	43	Public
University of Arizona	1,038,133	108	44	Public
University of California - Irvine	1,029,020	109	45	Public
Santa Clara University	1,019,760	110	65	Private
Wesleyan University	1,004,806	111	66	Private
University of Miami	997,413	112	67	Private
William & Mary	995,874	113	46	Public
Hamilton College (NY)	969,362	114	68	Private
Thomas Jefferson University	954,177	115	69	Private
Colgate University	950,360	116	70	Private
Rochester Institute of Technology	944,883	117	71	Private
Oberlin College	943,469	118	72	Private
University of Alabama - Tuscaloosa	938,532	119	47	Public
Medical College of Wisconsin	937,909	120	73	Private
Arizona State University	922,103	121	48	Public
Bryn Mawr College	907,976	122	74	Private
Carleton College	892,353	123	75	Private
Pepperdine University	887,461	124	76	Private
Davidson College	881,465	125	77	Private
Oregon Health & Science University	877,758	126	49	Public
Denison University	877,592	127	78	Private
Colby College	869,927	128	79	Private
Bucknell University	866,835	129	80	Private
Claremont McKenna College	865,475	130	81	Private
Cooper Union for the Advancement of Science & Art	857,879	131	82	Private
Lafayette College	832,068	132	83	Private
Drexel University	813,685	133	84	Private
University at Buffalo	794,895	134	50	Public
Mount Holyoke College	794,204	135	85	Private
Auburn University	792,983	136	51	Public
University of Denver	786,425	137	86	Private
College of the Holy Cross	785,852	138	87	Private
National University	780,839	139	88	Private
Clemson University	774,514	140	52	Public
Macalester College	770,782	141	89	Private
Colorado College	766,910	142	90	Private
Villanova University	766,903	143	91	Private
Texas Tech University	760,717	144	53	Public
University of Tennessee - Knoxville	750,492	145	54	Public
St. John's University (NY)	748,873	146	92	Private
Rensselaer Polytechnic Institute	739,648	147	93	Private
Fordham University	733,516	148	94	Private
DePauw University	730,341	149	95	Private
American University	723,369	150	96	Private

The Top 200 Institutions – Endowment Assets (2019)

Top 151-200 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
University of Louisville	719,816	151	55	Public
Icahn School of Medicine at Mount Sinai	714,803	152	97	Private
University of South Carolina - Columbia	713,376	153	56	Public
Hillsdale College	710,283	154	98	Private
Principia College	707,266	155	99	Private
University of Colorado - Boulder	705,656	156	57	Public
Florida State University	704,106	157	58	Public
Marquette University	698,021	158	100	Private
DePaul University	696,452	159	101	Private
Furman University	694,272	160	102	Private
Howard University	692,832	161	103	Private
Loyola University Chicago	692,166	162	104	Private
Yeshiva University	665,001	163	105	Private
University of Houston - University Park	658,493	164	59	Public
University of Maryland - College Park	652,556	165	60	Public
University of Mississippi - Oxford	647,934	166	61	Public
Temple University	644,089	167	62	Public
Oklahoma State University - Stillwater	642,500	168	63	Public
Trinity College (CT)	623,153	169	106	Private
Oregon State University	622,473	170	64	Public
Hofstra University	622,235	171	107	Private
Rush University	620,253	172	108	Private
University of Texas Health Science Ctr. - San Antonio	617,388	173	65	Public
Pennsylvania State University - Hershey Medical Ctr.	615,247	174	66	Public
University of Texas Medical Branch - Galveston	612,641	175	67	Public
University of Dayton	604,176	176	109	Private
West Virginia University	589,835	177	68	Public
Creighton University	587,024	178	110	Private
Ohio University - Athens	580,657	179	69	Public
Reed College	579,820	180	111	Private
University of South Alabama - Mobile	568,793	181	70	Public
University of Vermont	566,714	182	71	Public
University of Oklahoma - Health Sciences Center	565,500	183	72	Public
Whitman College	565,256	184	112	Private
Miami University - Oxford	560,965	185	73	Public
University of Texas - Dallas	558,466	186	74	Public
Quinnipiac University	556,604	187	113	Private
University of Colorado - Denver/Anschutz Medical	552,885	188	75	Public
University of Texas Health Science Center - Houston	552,060	189	76	Public
University of San Diego	545,552	190	114	Private
St. Olaf College	544,840	191	115	Private
University of St. Thomas (MN)	540,611	192	116	Private
University of Wyoming	531,547	193	77	Public
Haverford College	529,487	194	117	Private
Mississippi State University	528,679	195	78	Public
Worcester Polytechnic Institute	528,287	196	118	Private
Louisiana State University - Baton Rouge	519,887	197	79	Public
University of Alabama - Birmingham	519,025	198	80	Public
University of South Florida - Tampa	513,545	199	81	Public
Virginia Military Institute	512,179	200	82	Public

The Top 200 Institutions – Annual Giving (2019)

Top 1-50 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	2,665,590	1	1	Private
Harvard University	1,378,968	2	2	Private
Stanford University	1,112,229	3	3	Private
University of California - Los Angeles	733,013	4	1	Public
University of Washington - Seattle	711,063	5	2	Public
University of Southern California	687,363	6	4	Private
Columbia University	668,002	7	5	Private
Yale University	657,109	8	6	Private
University of Pennsylvania	626,235	9	7	Private
University of California - San Francisco	622,751	10	3	Public
Massachusetts Institute of Technology	594,564	11	8	Private
University of California - Berkeley	550,602	12	4	Public
University of Chicago	535,050	13	9	Private
New York University	517,771	14	10	Private
Emory University	513,958	15	11	Private
Duke University	507,090	16	12	Private
University of Michigan - Ann Arbor	500,987	17	5	Public
University of Notre Dame	444,877	18	13	Private
University of Texas - Austin	423,913	19	6	Public
University of North Carolina - Chapel Hill	412,669	20	7	Public
Ohio State University - Columbus	406,588	21	8	Public
Washington University in St. Louis	406,133	22	14	Private
Northwestern University	390,138	23	15	Private
University of Minnesota - Twin Cities	373,210	24	9	Public
Cornell University	358,077	25	16	Private
University of Virginia	342,867	26	10	Public
Princeton University	326,263	27	17	Private
University of Miami	294,135	28	18	Private
University of Florida	289,665	29	11	Public
University of California - San Diego	289,034	30	12	Public
Texas A&M University - College Station	287,998	31	13	Public
University of Wisconsin - Madison	284,393	32	14	Public
Dartmouth College	279,890	33	19	Private
University of Utah	279,746	34	15	Public
University of Oregon	279,154	35	16	Public
Arizona State University	266,131	36	17	Public
University of Arizona	244,738	37	18	Public
California Institute of Technology	240,241	38	20	Private
Brown University	239,379	39	21	Private
Indiana University - Bloomington	236,740	40	19	Public
Vanderbilt University	226,809	41	22	Private
University of Illinois - Urbana-Champaign	215,212	42	20	Public
University of Kansas - Lawrence	208,245	43	21	Public
Purdue University - West Lafayette	190,858	44	22	Public
University of California - Santa Barbara	182,898	45	23	Public
University of California - Davis	182,539	46	24	Public
Michigan State University	177,728	47	25	Public
University of Colorado - Denver/Anschutz Medical	175,877	48	26	Public
Georgetown University	172,119	49	23	Private
Boston University	170,862	50	24	Private

The Top 200 Institutions – Annual Giving (2019)

Top 51-100 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Icahn School of Medicine at Mount Sinai	168,366	51	25	Private
Rice University	160,405	52	26	Private
North Carolina State University	158,539	53	27	Public
Boston College	157,391	54	27	Private
Pennsylvania State University - University Park	153,738	55	28	Public
Rutgers University - New Brunswick	152,940	56	29	Public
University of Maryland - College Park	152,798	57	30	Public
Indiana University - Purdue University - Indianapolis	151,695	58	31	Public
Carnegie Mellon University	150,237	59	28	Private
University of Texas SW Medical Center - Dallas	147,421	60	32	Public
University of Iowa	144,574	61	33	Public
University of Georgia	142,504	62	34	Public
University of Pittsburgh - Pittsburgh	142,451	63	35	Public
University of Texas MD Anderson Cancer Center	137,227	64	36	Public
University of Arkansas - Fayetteville	136,604	65	37	Public
Oregon Health & Science University	136,236	66	38	Public
University of Colorado - Boulder	136,225	67	39	Public
Georgia Institute of Technology	132,774	68	40	Public
University of Kentucky	130,982	69	41	Public
University of Alabama - Tuscaloosa	127,783	70	42	Public
Iowa State University	122,717	71	43	Public
West Virginia University	122,060	72	44	Public
Virginia Polytechnic Institute and State University	119,795	73	45	Public
University of Oklahoma - Norman	119,126	74	46	Public
University of Rochester	117,629	75	29	Private
University of Nebraska Medical Center	117,117	76	47	Public
University of California - Irvine	115,600	77	48	Public
University of Cincinnati - Cincinnati	115,042	78	49	Public
George Washington University	113,273	79	30	Private
Oregon State University	112,749	80	50	Public
Case Western Reserve University	112,286	81	31	Private
Louisiana State University - Baton Rouge	111,593	82	51	Public
Wake Forest University	110,854	83	32	Private
University of Tennessee - Knoxville	109,536	84	52	Public
Tulane University	109,091	85	33	Private
University of Nebraska - Lincoln	107,651	86	53	Public
Kansas State University	105,237	87	54	Public
University of South Carolina - Columbia	104,246	88	55	Public
Mississippi State University	103,050	89	56	Public
Rockefeller University	101,644	90	34	Private
University of Missouri - Columbia	100,290	91	57	Public
Syracuse University	98,761	92	35	Private
Washington State University - Pullman	98,680	93	58	Public
George Mason University	97,695	94	59	Public
Williams College	97,174	95	36	Private
Auburn University	96,605	96	60	Public
Clemson University	94,260	97	61	Public
Santa Clara University	93,606	98	37	Private
Thomas Jefferson University	93,490	99	38	Private
Florida State University	92,895	100	62	Public

The Top 200 Institutions – Annual Giving (2019)

Top 101-150 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Alabama - Birmingham	90,237	101	63	Public
Colby College	89,901	102	39	Private
San Diego State University	89,466	103	64	Public
University of Houston - University Park	89,416	104	65	Public
Southern Methodist University	87,725	105	40	Private
Tufts University	85,612	106	41	Private
Texas Tech University	84,173	107	66	Public
Northeastern University	82,655	108	42	Private
Virginia Commonwealth University	82,365	109	67	Public
University of Texas - Dallas	82,020	110	68	Public
Baylor University	79,571	111	43	Private
University of Louisville	77,321	112	69	Public
Villanova University	75,803	113	44	Private
University of Maryland - Baltimore	75,305	114	70	Public
Weill Cornell Medical College	75,234	115	45	Private
Oklahoma State University - Stillwater	71,089	116	71	Public
University of Texas Health Science Ctr. - San Antonio	68,798	117	72	Public
Stony Brook University	68,501	118	73	Public
University of St. Thomas (MN)	68,133	119	46	Private
University of Mississippi - Oxford	67,338	120	74	Public
Temple University	66,149	121	75	Public
University of South Florida - Tampa	65,533	122	76	Public
University of Delaware	64,419	123	77	Public
Texas Christian University	63,988	124	47	Private
Vassar College	63,707	125	48	Private
University of Texas Medical Branch - Galveston	60,679	126	78	Public
University of New Mexico - Albuquerque	60,157	127	79	Public
University of North Texas	59,175	128	80	Public
Lehigh University	58,967	129	49	Private
University at Buffalo	58,842	130	81	Public
University of Texas Health Science Center - Houston	58,347	131	82	Public
Rensselaer Polytechnic Institute	57,776	132	50	Private
University of Denver	57,728	133	51	Private
Amherst College	57,586	134	52	Private
William & Mary	57,264	135	83	Public
University of Central Florida	56,841	136	84	Public
Wellesley College	56,648	137	53	Private
Drexel University	55,737	138	54	Private
University of Connecticut - Storrs	55,552	139	85	Public
University of Illinois - Chicago	55,212	140	86	Public
Berea College	54,575	141	55	Private
Brandeis University	54,140	142	56	Private
University of Missouri - Kansas City	54,128	143	87	Public
Saint Louis University - St. Louis	53,469	144	57	Private
San Francisco State University	53,275	145	88	Public
Davidson College	53,203	146	58	Private
U.S. Naval Academy	53,070	147	89	Public
Marquette University	52,227	148	59	Private
Seattle University	50,608	149	60	Private
Wayne State University	50,499	150	90	Public

The Top 200 Institutions – Annual Giving (2019)

Top 151-200 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
University of Kansas Medical Center	49,740	151	91	Public
Claremont McKenna College	48,320	152	61	Private
Fordham University	47,999	153	62	Private
Colorado State University - Fort Collins	47,548	154	92	Public
University of Nevada - Las Vegas	47,261	155	93	Public
Creighton University	46,947	156	63	Private
University of Montana - Missoula	46,711	157	94	Public
U.S. Military Academy	46,676	158	95	Public
Middlebury College	46,337	159	64	Private
University of Nevada - Reno	46,212	160	96	Public
Washington and Lee University	45,978	161	65	Private
University of Hawaii - Manoa	45,942	162	97	Public
University of Vermont	45,710	163	98	Public
Carleton College	45,492	164	66	Private
Smith College	44,377	165	67	Private
Baylor College of Medicine	44,086	166	68	Private
Medical University of South Carolina	43,318	167	99	Public
Medical College of Wisconsin	42,907	168	69	Private
Nova Southeastern University	42,731	169	70	Private
University of Toledo	42,307	170	100	Public
University of Massachusetts - Amherst	41,175	171	101	Public
Wesleyan University	40,246	172	71	Private
Bucknell University	40,069	173	72	Private
Florida International University	39,763	174	102	Public
Wheaton College (IL)	39,338	175	73	Private
Pennsylvania State University - Hershey Medical Ctr.	39,180	176	103	Public
U.S. Air Force Academy	39,165	177	104	Public
College of the Holy Cross	39,076	178	74	Private
California Polytechnic State Univ. - San Luis Obispo	38,891	179	105	Public
Miami University - Oxford	38,448	180	106	Public
Colgate University	38,280	181	75	Private
Utah State University	37,242	182	107	Public
Montana State University - Bozeman	37,137	183	108	Public
University of Alaska - Fairbanks	36,720	184	109	Public
University of Wyoming	36,632	185	110	Public
University of the Pacific	36,197	186	76	Private
University of Tulsa	36,196	187	77	Private
Ithaca College	35,965	188	78	Private
University of Massachusetts Medical Sch. - Worcester	35,709	189	111	Public
Loyola Marymount University	34,934	190	79	Private
Chapman University	34,477	191	80	Private
Bowdoin College	34,476	192	81	Private
Florida Atlantic University	33,727	193	112	Public
Boise State University	33,122	194	113	Public
Lafayette College	32,810	195	82	Private
Furman University	32,610	196	83	Private
Bryn Mawr College	31,729	197	84	Private
Yeshiva University	31,379	198	85	Private
University of San Francisco	31,167	199	86	Private
University of California - Santa Cruz	31,070	200	114	Public

The Top 200 Institutions – National Academy Membership (2019)

Top 1-49 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Harvard University	428	1	1	Private
Stanford University	336	2	2	Private
Massachusetts Institute of Technology	283	3	3	Private
University of California - Berkeley	237	4	1	Public
Columbia University	144	5	4	Private
University of California - San Francisco	140	6	2	Public
University of Pennsylvania	136	7	5	Private
Yale University	129	8	6	Private
Princeton University	124	9	7	Private
Johns Hopkins University	120	10	8	Private
University of Michigan - Ann Arbor	120	10	3	Public
University of California - San Diego	119	12	4	Public
California Institute of Technology	116	13	9	Private
University of California - Los Angeles	109	14	5	Public
University of Washington - Seattle	104	15	6	Public
University of Chicago	75	16	10	Private
Duke University	73	17	11	Private
University of Wisconsin - Madison	71	18	7	Public
Cornell University	69	19	12	Private
University of Texas - Austin	69	19	8	Public
New York University	60	21	13	Private
Washington University in St. Louis	56	22	14	Private
Northwestern University	53	23	15	Private
University of California - Santa Barbara	53	23	9	Public
Rockefeller University	51	25	16	Private
University of Illinois - Urbana-Champaign	50	26	10	Public
University of California - Davis	48	27	11	Public
Texas A&M University - College Station	45	28	12	Public
University of Minnesota - Twin Cities	45	28	12	Public
University of Southern California	44	30	17	Private
Carnegie Mellon University	41	31	18	Private
Rutgers University - New Brunswick	38	32	14	Public
University of North Carolina - Chapel Hill	38	32	14	Public
Georgia Institute of Technology	35	34	16	Public
University of California - Irvine	35	34	16	Public
University of Texas SW Medical Center - Dallas	35	34	16	Public
University of Colorado - Boulder	34	37	19	Public
Vanderbilt University	34	37	19	Private
Emory University	33	39	20	Private
Ohio State University - Columbus	33	39	20	Public
University of Arizona	32	41	21	Public
Pennsylvania State University - University Park	30	42	22	Public
Scripps Research Institute	30	42	21	Private
University of Pittsburgh - Pittsburgh	29	44	23	Public
Purdue University - West Lafayette	28	45	24	Public
Gerstner Sloan-Kettering Grad. Sch. of Biomed Sci.	27	46	22	Private
University of Florida	27	46	25	Public
University of Maryland - College Park	27	46	25	Public
Icahn School of Medicine at Mount Sinai	25	49	23	Private



The Top 200 Institutions – National Academy Membership (2019)

Top 50-95 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Arizona State University	24	50	27	Public
Brown University	24	50	24	Private
North Carolina State University	24	50	27	Public
University of Utah	24	50	27	Public
Baylor College of Medicine	23	54	25	Private
University of Iowa	23	54	30	Public
Rice University	22	56	26	Private
University of Virginia	22	56	31	Public
Weill Cornell Medical College	22	56	26	Private
Boston University	21	59	28	Private
Case Western Reserve University	20	60	29	Private
University of Rochester	19	61	30	Private
Indiana University - Bloomington	16	62	32	Public
Dartmouth College	15	63	31	Private
Michigan State University	15	63	33	Public
University of Houston - University Park	15	63	33	Public
Stony Brook University	14	66	35	Public
University of Colorado - Denver/Anschutz Medical	14	66	35	Public
University of Texas MD Anderson Cancer Center	14	66	35	Public
Oregon Health & Science University	13	69	38	Public
Yeshiva University	13	69	32	Private
University of California - Santa Cruz	12	71	39	Public
University of Miami	12	71	33	Private
Virginia Polytechnic Institute and State University	12	71	39	Public
Georgetown University	11	74	34	Private
University of California - Riverside	11	74	41	Public
University of Hawaii - Manoa	11	74	41	Public
University of Oregon	11	74	41	Public
Brandeis University	10	78	35	Private
Colorado State University - Fort Collins	10	78	44	Public
George Washington University	10	78	35	Private
University of Missouri - Columbia	10	78	44	Public
University of South Florida - Tampa	10	78	44	Public
City University of NY - City College	9	83	47	Public
University of Delaware	9	83	47	Public
University of Georgia	9	83	47	Public
University of Maryland - Baltimore	9	83	47	Public
University of Massachusetts - Amherst	9	83	47	Public
University of Massachusetts Medical Sch. - Worcester	9	83	47	Public
Washington State University - Pullman	9	83	47	Public
Florida State University	8	90	54	Public
Iowa State University	8	90	54	Public
Tufts University	8	90	37	Private
University of Alabama - Birmingham	8	90	54	Public
University of Cincinnati - Cincinnati	8	90	54	Public
Rensselaer Polytechnic Institute	7	95	38	Private
University at Buffalo	7	95	58	Public
University of Tennessee - Knoxville	7	95	58	Public
Virginia Commonwealth University	7	95	58	Public

The Top 200 Institutions – National Academy Membership (2019)

Top 99-124 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Cold Spring Harbor Laboratory	6	99	39	Private
Drexel University	6	99	39	Private
Howard University	6	99	39	Private
University of Central Florida	6	99	61	Public
University of Illinois - Chicago	6	99	61	Public
University of Texas Health Science Center - Houston	6	99	61	Public
University of Texas Health Science Ctr. - San Antonio	6	99	61	Public
Wake Forest University	6	99	39	Private
Lehigh University	5	107	43	Private
Mayo Clinic School of Medicine and Science	5	107	43	Private
Morehouse School of Medicine	5	107	43	Private
Northeastern University	5	107	43	Private
Temple University	5	107	65	Public
Texas Tech University	5	107	65	Public
University of Kansas - Lawrence	5	107	65	Public
University of New Mexico - Albuquerque	5	107	65	Public
University of Texas - Arlington	5	107	65	Public
Boston College	4	116	47	Private
Colorado School of Mines	4	116	70	Public
Illinois Institute of Technology	4	116	47	Private
Medical University of South Carolina	4	116	70	Public
Oregon State University	4	116	70	Public
Southern Methodist University	4	116	47	Private
Thomas Jefferson University	4	116	47	Private
University of Arkansas - Fayetteville	4	116	70	Public
Clark University (MA)	3	124	51	Private
Clemson University	3	124	74	Public
Florida International University	3	124	74	Public
Hofstra University	3	124	51	Private
Louisiana State University - Baton Rouge	3	124	74	Public
Oklahoma State University - Stillwater	3	124	74	Public
Pennsylvania State University - Hershey Medical Ctr.	3	124	74	Public
Rush University	3	124	51	Private
Rutgers University - Newark	3	124	74	Public
Tulane University	3	124	51	Private
Uniformed Services University of the Health Sciences	3	124	74	Public
University of Connecticut - Health Center	3	124	74	Public
University of Notre Dame	3	124	51	Private
University of Texas - Dallas	3	124	74	Public
Wayne State University	3	124	74	Public
Woods Hole Oceanographic Institution	3	124	51	Private

The Top 200 Institutions – National Academy Membership (2019)

Institutions with 2 National Academy Members	Number of Members	National Rank	Control Rank	Institutional Control
Binghamton University	2	140	84	Public
Brigham Young University - Provo	2	140	57	Private
Chapman University	2	140	57	Private
Drew University	2	140	57	Private
Florida Atlantic University	2	140	84	Public
George Mason University	2	140	84	Public
Medical College of Wisconsin	2	140	57	Private
Meharry Medical College	2	140	57	Private
Montana State University - Bozeman	2	140	84	Public
Naval Postgraduate School	2	140	84	Public
Stevens Institute of Technology	2	140	57	Private
University of Arkansas - Little Rock	2	140	84	Public
University of Kansas Medical Center	2	140	84	Public
University of Kentucky	2	140	84	Public
University of Nevada - Reno	2	140	84	Public
University of Texas Medical Branch - Galveston	2	140	84	Public
University of Vermont	2	140	84	Public
University of Wyoming	2	140	84	Public
West Virginia University	2	140	84	Public

The Top 200 Institutions – Faculty Awards (2019)

Top 1-52 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Harvard University	76	1	1	Private
University of Michigan - Ann Arbor	56	2	1	Public
Stanford University	51	3	2	Private
University of Washington - Seattle	46	4	2	Public
University of California - Berkeley	45	5	3	Public
Columbia University	41	6	3	Private
University of Pennsylvania	41	6	3	Private
University of Illinois - Urbana-Champaign	32	8	4	Public
University of Minnesota - Twin Cities	31	9	5	Public
Yale University	31	9	5	Private
Massachusetts Institute of Technology	30	11	6	Private
Northwestern University	30	11	6	Private
Pennsylvania State University - University Park	30	11	6	Public
Princeton University	30	11	6	Private
New York University	29	15	9	Private
University of California - Davis	29	15	7	Public
Arizona State University	28	17	8	Public
Purdue University - West Lafayette	28	17	8	Public
University of California - Los Angeles	27	19	10	Public
University of Chicago	27	19	10	Private
University of California - San Diego	26	21	11	Public
University of North Carolina - Chapel Hill	26	21	11	Public
University of Wisconsin - Madison	26	21	11	Public
University of California - San Francisco	24	24	14	Public
Cornell University	23	25	11	Private
Johns Hopkins University	23	25	11	Private
University of Southern California	23	25	11	Private
Duke University	22	28	14	Private
Texas A&M University - College Station	21	29	15	Public
Vanderbilt University	21	29	15	Private
North Carolina State University	20	31	16	Public
University of Massachusetts - Amherst	20	31	16	Public
University of Pittsburgh - Pittsburgh	20	31	16	Public
University of Virginia	20	31	16	Public
Washington University in St. Louis	20	31	16	Private
Michigan State University	19	36	20	Public
University of Colorado - Boulder	19	36	20	Public
University of Texas - Austin	19	36	20	Public
Georgia Institute of Technology	17	39	23	Public
Rutgers University - New Brunswick	17	39	23	Public
University of California - Irvine	17	39	23	Public
University of Maryland - College Park	17	39	23	Public
Brown University	16	43	17	Private
University of California - Santa Barbara	16	43	27	Public
University of Rochester	16	43	17	Private
Virginia Polytechnic Institute and State University	16	43	27	Public
Emory University	15	47	19	Private
University at Buffalo	15	47	29	Public
University of Connecticut - Storrs	15	47	29	Public
University of Notre Dame	15	47	19	Private
University of Utah	15	47	29	Public
Boston University	14	52	21	Private
Colorado State University - Fort Collins	14	52	32	Public
Florida State University	14	52	32	Public
University of Kentucky	14	52	32	Public
University of New Mexico - Albuquerque	14	52	32	Public

The Top 200 Institutions – Faculty Awards (2019)

Top 57-97 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Dartmouth College	13	57	22	Private
Ohio State University - Columbus	13	57	36	Public
University of Florida	13	57	36	Public
University of Georgia	13	57	36	Public
University of South Florida - Tampa	13	57	36	Public
Carnegie Mellon University	12	62	23	Private
Case Western Reserve University	12	62	23	Private
Drexel University	12	62	23	Private
Iowa State University	12	62	40	Public
Oregon State University	12	62	40	Public
University of Tennessee - Knoxville	12	62	40	Public
Florida International University	11	68	43	Public
Northeastern University	11	68	26	Private
University of Arizona	11	68	43	Public
University of California - Riverside	11	68	43	Public
University of Central Florida	11	68	43	Public
University of Iowa	11	68	43	Public
Washington State University - Pullman	11	68	43	Public
California Institute of Technology	10	75	27	Private
Colorado School of Mines	10	75	49	Public
George Mason University	10	75	49	Public
Icahn School of Medicine at Mount Sinai	10	75	27	Private
Indiana University - Bloomington	10	75	49	Public
Stony Brook University	10	75	49	Public
University of Nebraska - Lincoln	10	75	49	Public
University of Nevada - Reno	10	75	49	Public
George Washington University	9	83	29	Private
Mayo Clinic School of Medicine and Science	9	83	29	Private
University of Cincinnati - Cincinnati	9	83	55	Public
University of Hawaii - Manoa	9	83	55	Public
University of Kansas - Lawrence	9	83	55	Public
University of Massachusetts Medical Sch. - Worcester	9	83	55	Public
University of Missouri - Columbia	9	83	55	Public
West Virginia University	9	83	55	Public
Clemson University	8	91	61	Public
Syracuse University	8	91	31	Private
Temple University	8	91	61	Public
University of Alabama - Tuscaloosa	8	91	61	Public
University of California - Santa Cruz	8	91	61	Public
University of Texas - San Antonio	8	91	61	Public
Scripps Research Institute	7	97	32	Private
Texas Tech University	7	97	66	Public
University at Albany	7	97	66	Public
University of Arkansas - Fayetteville	7	97	66	Public
University of Colorado - Denver/Anschutz Medical	7	97	66	Public
University of Illinois - Chicago	7	97	66	Public
University of Oregon	7	97	66	Public
University of Texas - Dallas	7	97	66	Public
University of Texas SW Medical Center - Dallas	7	97	66	Public
Virginia Commonwealth University	7	97	66	Public
Weill Cornell Medical College	7	97	32	Private

The Top 200 Institutions – Faculty Awards (2019)

Top 108-131 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Boston College	6	108	34	Private
Georgetown University	6	108	34	Private
Oklahoma State University - Stillwater	6	108	75	Public
Old Dominion University	6	108	75	Public
Oregon Health & Science University	6	108	75	Public
University of Akron - Akron	6	108	75	Public
University of Houston - University Park	6	108	75	Public
University of Miami	6	108	34	Private
University of South Carolina - Columbia	6	108	75	Public
Utah State University	6	108	75	Public
William & Mary	6	108	75	Public
Appalachian State University	5	119	83	Public
Embry Riddle Aeronautical Univ. - Daytona Beach	5	119	37	Private
Kansas State University	5	119	83	Public
Montana State University - Bozeman	5	119	83	Public
Rensselaer Polytechnic Institute	5	119	37	Private
Rice University	5	119	37	Private
Rockefeller University	5	119	37	Private
Tulane University	5	119	37	Private
University of Idaho	5	119	83	Public
University of Texas MD Anderson Cancer Center	5	119	83	Public
University of Vermont	5	119	83	Public
Wayne State University	5	119	83	Public
American University	4	131	42	Private
Bard College (NY)	4	131	42	Private
Binghamton University	4	131	90	Public
Brandeis University	4	131	42	Private
Bryn Mawr College	4	131	42	Private
DePaul University	4	131	42	Private
Indiana University - Purdue University - Indianapolis	4	131	90	Public
Kenyon College	4	131	42	Private
Lehigh University	4	131	42	Private
Louisiana State University - Baton Rouge	4	131	90	Public
Michigan Technological University	4	131	90	Public
New Jersey Institute of Technology	4	131	90	Public
Northern Arizona University	4	131	90	Public
San Diego State University	4	131	90	Public
Thomas Jefferson University	4	131	42	Private
University of California - Merced	4	131	90	Public
University of Delaware	4	131	90	Public
University of Massachusetts - Boston	4	131	90	Public
University of Massachusetts - Lowell	4	131	90	Public
University of New Hampshire - Durham	4	131	90	Public
University of North Texas	4	131	90	Public
University of Oklahoma - Norman	4	131	90	Public
University of Rhode Island	4	131	90	Public
University of Texas - Arlington	4	131	90	Public
University of Toledo	4	131	90	Public
Villanova University	4	131	42	Private
Wake Forest University	4	131	42	Private
Western Washington University	4	131	90	Public
Worcester Polytechnic Institute	4	131	42	Private

The Top 200 Institutions – Faculty Awards (2019)

Institutions with 3 Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Auburn University	3	160	108	Public
Baylor College of Medicine	3	160	53	Private
Baylor University	3	160	53	Private
Boise State University	3	160	108	Public
Bowdoin College	3	160	53	Private
Bowling Green State University - Bowling Green	3	160	108	Public
Brigham Young University - Provo	3	160	53	Private
California State University - Los Angeles	3	160	108	Public
California State University - Sacramento	3	160	108	Public
City University of NY - Brooklyn College	3	160	108	Public
City University of NY - City College	3	160	108	Public
Coastal Carolina University	3	160	108	Public
Cold Spring Harbor Laboratory	3	160	53	Private
Fordham University	3	160	53	Private
Georgia State University	3	160	108	Public
Grand Valley State University	3	160	108	Public
Harvey Mudd College	3	160	53	Private
Howard University	3	160	53	Private
Loyola Marymount University	3	160	53	Private
Loyola University Chicago	3	160	53	Private
Macalester College	3	160	53	Private
Montclair State University	3	160	108	Public
Morehouse College	3	160	53	Private
Oberlin College	3	160	53	Private
Pennsylvania State University - Hershey Medical Ctr.	3	160	108	Public
Portland State University	3	160	108	Public
Quinnipiac University	3	160	53	Private
Rochester Institute of Technology	3	160	53	Private
Rowan University	3	160	108	Public
Saint Louis University - St. Louis	3	160	53	Private
San Francisco State University	3	160	108	Public
San Jose State University	3	160	108	Public
Southern Methodist University	3	160	53	Private
Stetson University	3	160	53	Private
Texas State University	3	160	108	Public
Towson University	3	160	108	Public
Trinity College (CT)	3	160	53	Private
Tufts University	3	160	53	Private
University of Maryland - Baltimore	3	160	108	Public
University of Michigan - Dearborn	3	160	108	Public
University of Mississippi - Oxford	3	160	108	Public

The Top 200 Institutions – Doctorates Awarded (2019)

Top 1-50 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Southern California	917	1	1	Private
Ohio State University - Columbus	886	2	1	Public
University of California - Berkeley	881	3	2	Public
University of Texas - Austin	873	4	3	Public
University of Wisconsin - Madison	829	5	4	Public
University of Michigan - Ann Arbor	827	6	5	Public
University of Illinois - Urbana-Champaign	814	7	6	Public
Texas A&M University - College Station	774	8	7	Public
Harvard University	771	9	2	Private
Stanford University	770	10	3	Private
University of Minnesota - Twin Cities	751	11	8	Public
University of Florida	750	12	9	Public
Rutgers University - New Brunswick	744	13	10	Public
University of California - Los Angeles	733	14	11	Public
Purdue University - West Lafayette	730	15	12	Public
University of Washington - Seattle	729	16	13	Public
Arizona State University	714	17	14	Public
Massachusetts Institute of Technology	687	18	4	Private
Nova Southeastern University	682	19	5	Private
Pennsylvania State University - University Park	632	20	15	Public
University of Maryland - College Park	612	21	16	Public
Columbia University	576	22	6	Private
North Carolina State University	571	23	17	Public
Michigan State University	562	24	18	Public
Duke University	551	25	7	Private
University of Pennsylvania	548	26	8	Private
University of California - Davis	546	27	19	Public
Johns Hopkins University	537	28	9	Private
Cornell University	531	29	10	Private
University of California - San Diego	528	30	20	Public
Georgia Institute of Technology	526	31	21	Public
Northwestern University	518	32	11	Private
University of North Carolina - Chapel Hill	514	33	22	Public
Indiana University - Bloomington	504	34	23	Public
Boston University	491	35	12	Private
University of Georgia	488	36	24	Public
Virginia Polytechnic Institute and State University	469	37	25	Public
University of Arizona	448	38	26	Public
University of South Carolina - Columbia	431	39	27	Public
New York University	430	40	13	Private
Yale University	430	40	13	Private
University of Missouri - Columbia	426	42	28	Public
University of Chicago	423	43	15	Private
Florida State University	422	44	29	Public
University of Iowa	418	45	30	Public
Iowa State University	416	46	31	Public
University of Colorado - Boulder	409	47	32	Public
University of California - Irvine	407	48	33	Public
Princeton University	398	49	16	Private
City University of NY - Graduate Sch. and Univ. Ctr.	393	50	34	Public



The Top 200 Institutions – Doctorates Awarded (2019)

Top 51-100 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Pittsburgh - Pittsburgh	391	51	35	Public
University at Buffalo	387	52	36	Public
University of Tennessee - Knoxville	383	53	37	Public
University of Utah	376	54	38	Public
University of South Florida - Tampa	373	55	39	Public
Stony Brook University	367	56	40	Public
Virginia Commonwealth University	353	57	41	Public
University of Massachusetts - Amherst	350	58	42	Public
University of Houston - University Park	346	59	43	Public
University of Illinois - Chicago	343	60	44	Public
University of Virginia	343	60	44	Public
Texas Tech University	340	62	46	Public
University of Kentucky	337	63	47	Public
University of Connecticut - Storrs	334	64	48	Public
Liberty University	331	65	17	Private
University of California - Santa Barbara	327	66	49	Public
Louisiana State University - Baton Rouge	325	67	50	Public
Carnegie Mellon University	322	68	18	Private
Vanderbilt University	319	69	19	Private
University of Kansas - Lawrence	317	70	51	Public
University of Nebraska - Lincoln	316	71	52	Public
Washington State University - Pullman	312	72	53	Public
University of North Texas	302	73	54	Public
Washington University in St. Louis	302	73	20	Private
Oregon State University	296	75	55	Public
Alliant International University	294	76	21	Private For-Profit
George Mason University	293	77	56	Public
University of California - Riverside	293	77	56	Public
Georgia State University	273	79	58	Public
Colorado State University - Fort Collins	263	80	59	Public
University of Delaware	263	80	59	Public
University of Rochester	253	82	22	Private
University of Central Florida	251	83	61	Public
Saint Louis University - St. Louis	250	84	23	Private
Temple University	250	84	62	Public
University of Cincinnati - Cincinnati	250	84	62	Public
Emory University	246	87	24	Private
Auburn University	244	88	64	Public
Clemson University	243	89	65	Public
University of Notre Dame	242	90	25	Private
George Washington University	240	91	26	Private
Rice University	233	92	27	Private
University of Oklahoma - Norman	233	92	66	Public
Oklahoma State University - Stillwater	231	94	67	Public
University of Alabama - Tuscaloosa	229	95	68	Public
University of Texas - Dallas	227	96	69	Public
Brown University	225	97	28	Private
Drexel University	223	98	29	Private
University of New Mexico - Albuquerque	220	99	70	Public
Wayne State University	216	100	71	Public

The Top 200 Institutions – Doctorates Awarded (2019)

Top 101-148 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
Florida International University	215	101	72	Public
University of Texas Health Science Center - Houston	211	102	73	Public
University of Arkansas - Fayetteville	209	103	74	Public
California Institute of Technology	207	104	30	Private
Case Western Reserve University	207	104	30	Private
Kansas State University	207	104	75	Public
University of Colorado - Denver/Anschutz Medical	206	107	76	Public
University of Hawaii - Manoa	206	107	76	Public
University of Texas - Arlington	202	109	78	Public
Northeastern University	200	110	32	Private
University of Mississippi - Oxford	196	111	79	Public
University of Miami	195	112	33	Private
West Virginia University	194	113	80	Public
Teachers College at Columbia University	192	114	34	Private
University of California - Santa Cruz	192	114	81	Public
Regent University	185	116	35	Private
University of Oregon	183	117	82	Public
University of Tennessee Health Science Center	182	118	83	Public
Mississippi State University	179	119	84	Public
Kent State University - Kent	176	120	85	Public
University of Southern Mississippi	170	121	86	Public
Maryville University of Saint Louis	167	122	36	Private
University of North Carolina - Charlotte	167	122	87	Public
University of Louisville	165	124	88	Public
University of Wisconsin - Milwaukee	164	125	89	Public
Syracuse University	162	126	37	Private
Claremont Graduate University	161	127	38	Private
University of Nevada - Las Vegas	160	128	90	Public
University of the Cumberland	155	129	39	Private
University of Memphis	153	130	91	Public
Medical University of South Carolina	150	131	92	Public
Rensselaer Polytechnic Institute	148	132	40	Private
Concordia University - Portland	146	133	41	Private
University of Alabama - Birmingham	146	133	93	Public
University of North Carolina - Greensboro	145	135	94	Public
Binghamton University	143	136	95	Public
Tufts University	141	137	42	Private
Ohio University - Athens	140	138	96	Public
Gardner-Webb University	138	139	43	Private
Boston College	137	140	44	Private
Texas Woman's University	137	140	97	Public
Trevecca Nazarene University	135	142	45	Private
University of Missouri - Kansas City	135	142	98	Public
Southern Illinois University - Carbondale	134	144	99	Public
Catholic University of America	131	145	46	Private
University of Akron - Akron	131	145	100	Public
University of California - San Francisco	131	145	100	Public
Baylor College of Medicine	129	148	47	Private
University at Albany	129	148	102	Public

The Top 200 Institutions – Doctorates Awarded (2019)

Top 150-199 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
Old Dominion University	127	150	103	Public
University of Texas - San Antonio	127	150	103	Public
Wilmington University (DE)	127	150	48	Private
Baylor University	126	153	49	Private
East Tennessee State University	126	153	105	Public
Brandman University	125	155	50	Private
Tulane University	125	155	50	Private
Georgetown University	123	157	52	Private
University of Nevada - Reno	123	157	106	Public
Fordham University	122	159	53	Private
University of Toledo	122	159	107	Public
Loma Linda University	118	161	54	Private
Western Michigan University	118	161	108	Public
New Mexico State University - Las Cruces	116	163	109	Public
University of Denver	116	163	55	Private
Florida Atlantic University	115	165	110	Public
Loyola University Chicago	114	166	56	Private
Northern Illinois University	114	166	111	Public
University of Massachusetts - Lowell	114	166	111	Public
St. John's University (NY)	113	169	57	Private
Utah State University	113	169	113	Public
Lehigh University	107	171	58	Private
University of Rhode Island	106	172	114	Public
University of Wyoming	106	172	114	Public
Illinois Institute of Technology	104	174	59	Private
Missouri University of Science and Technology	101	175	116	Public
University of Texas - El Paso	101	175	116	Public
A.T. Still University of Health Sciences	100	177	60	Private
Dartmouth College	100	177	60	Private
University of Vermont	100	177	118	Public
University of Texas SW Medical Center - Dallas	99	180	119	Public
Jackson State University	98	181	120	Public
Shenandoah University	97	182	62	Private
Indiana University of Pennsylvania	96	183	121	Public
Southern Methodist University	96	183	63	Private
Long Island University (Multiple campuses)	95	185	64	Private
Colorado School of Mines	94	186	122	Public
Indiana University - Purdue University - Indianapolis	93	187	123	Public
Brigham Young University - Provo	92	188	65	Private
East Carolina University	92	188	124	Public
Florida Institute of Technology	92	188	65	Private
North Dakota State University	92	188	124	Public
University of Missouri - St. Louis	92	188	124	Public
Howard University	91	193	67	Private
Yeshiva University	91	193	67	Private
Southern Baptist Theological Seminary	89	195	69	Private
Fielding Graduate University	88	196	70	Private
Central Michigan University	87	197	127	Public
Duquesne University	87	197	71	Private
Azusa Pacific University	86	199	72	Private
Michigan Technological University	86	199	128	Public

The Top 200 Institutions – Postdoctoral Appointees (2018)

Top 1-50 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
Harvard University	6,024	1	1	Private
Stanford University	2,304	2	2	Private
Johns Hopkins University	1,786	3	3	Private
Massachusetts Institute of Technology	1,413	4	4	Private
University of Michigan - Ann Arbor	1,350	5	1	Public
Columbia University	1,294	6	5	Private
University of California - San Diego	1,267	7	2	Public
University of California - Berkeley	1,208	8	3	Public
Yale University	1,186	9	6	Private
University of Minnesota - Twin Cities	1,147	10	4	Public
University of Pennsylvania	1,141	11	7	Private
University of California - San Francisco	1,111	12	5	Public
University of Washington - Seattle	1,034	13	6	Public
University of California - Los Angeles	932	14	7	Public
Northwestern University	920	15	8	Private
University of California - Davis	885	16	8	Public
New York University	753	17	9	Private
University of North Carolina - Chapel Hill	743	18	9	Public
University of Wisconsin - Madison	740	19	10	Public
University of Pittsburgh - Pittsburgh	718	20	11	Public
Icahn School of Medicine at Mount Sinai	676	21	10	Private
Duke University	671	22	11	Private
Mayo Clinic Graduate School of Biomedical Sciences	669	23	12	Private
Ohio State University - Columbus	665	24	12	Public
Washington University in St. Louis	665	24	13	Private
University of Florida	664	26	13	Public
Princeton University	621	27	14	Private
California Institute of Technology	617	28	15	Private
University of Texas MD Anderson Cancer Center	611	29	14	Public
University of Texas SW Medical Center - Dallas	585	30	15	Public
Scripps Research Institute	565	31	16	Private
Michigan State University	559	32	16	Public
Emory University	540	33	17	Private
Cornell University	525	34	18	Private
Texas A&M University - College Station	508	35	17	Public
Baylor College of Medicine	506	36	19	Private
North Carolina State University	499	37	18	Public
University of Arizona	497	38	19	Public
Vanderbilt University	492	39	20	Private
University of Maryland - College Park	474	40	20	Public
Weill Cornell Medical College	474	40	21	Private
University of Southern California	459	42	22	Private
University of Texas - Austin	452	43	21	Public
University of Chicago	431	44	23	Private
Purdue University - West Lafayette	424	45	22	Public
University of Illinois - Urbana-Champaign	423	46	23	Public
University of Virginia	402	47	24	Public
Indiana University - Bloomington	399	48	25	Public
Georgia Institute of Technology	373	49	26	Public
Boston University	367	50	24	Private

The Top 200 Institutions – Postdoctoral Appointees (2018)

Top 51-100 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
University of Iowa	362	51	27	Public
University of Utah	362	51	27	Public
Pennsylvania State University - University Park	344	53	29	Public
University of California - Irvine	341	54	30	Public
University of Maryland - Baltimore	332	55	31	Public
Arizona State University	331	56	32	Public
University of Colorado - Denver/Anschutz Medical	331	56	32	Public
Iowa State University	323	58	34	Public
University of California - Santa Barbara	315	59	35	Public
University of South Florida - Tampa	307	60	36	Public
Rutgers University - New Brunswick	290	61	37	Public
University of Cincinnati - Cincinnati	288	62	38	Public
University of Massachusetts Medical Sch. - Worcester	287	63	39	Public
Oregon Health & Science University	286	64	40	Public
University of Colorado - Boulder	284	65	41	Public
University at Buffalo	277	66	42	Public
Stony Brook University	274	67	43	Public
Colorado State University - Fort Collins	269	68	44	Public
Rockefeller University	261	69	25	Private
University of Kentucky	261	69	45	Public
University of Miami	259	71	26	Private
Tufts University	258	72	27	Private
Florida International University	242	73	46	Public
Florida State University	242	73	46	Public
Yeshiva University	241	75	28	Private
University of Georgia	236	76	48	Public
University of Alabama - Birmingham	234	77	49	Public
Brown University	228	78	29	Private
Carnegie Mellon University	224	79	30	Private
Oregon State University	222	80	50	Public
University of Houston - University Park	220	81	51	Public
University of Rochester	218	82	31	Private
Virginia Polytechnic Institute and State University	218	82	52	Public
Irell & Manella Graduate School of Biological Sciences	217	84	32	Private
University of California - Riverside	216	85	53	Public
University of Texas Health Science Center - Houston	216	85	53	Public
Rice University	207	87	33	Private
Virginia Commonwealth University	204	88	55	Public
University of Hawaii - Manoa	199	89	56	Public
University of Missouri - Columbia	199	89	56	Public
University of Texas Health Science Ctr. - San Antonio	190	91	58	Public
Case Western Reserve University	189	92	34	Private
Washington State University - Pullman	181	93	59	Public
Temple University	170	94	60	Public
University of Nebraska - Lincoln	170	94	60	Public
Cold Spring Harbor Laboratory	168	96	35	Private
University of Delaware	160	97	62	Public
Northeastern University	154	98	36	Private
University of Massachusetts - Amherst	153	99	63	Public
Medical University of South Carolina	152	100	64	Public

The Top 200 Institutions – Postdoctoral Appointees (2018)

Top 101-150 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
Dartmouth College	151	101	37	Private
University of Oklahoma - Norman	149	102	65	Public
Cedars-Sinai Medical Center	148	103	38	Private
Texas Tech University	147	104	66	Public
University of Central Florida	146	105	67	Public
Wayne State University	137	106	68	Public
Sanford-Burnham Prebys Medical Discovery Institute	136	107	39	Private
Thomas Jefferson University	136	107	39	Private
University of Nebraska Medical Center	136	107	69	Public
University of California - Santa Cruz	135	110	70	Public
Kansas State University	133	111	71	Public
Louisiana State University - Baton Rouge	132	112	72	Public
Medical College of Wisconsin	132	112	41	Private
University of Tennessee - Knoxville	129	114	73	Public
Wake Forest University	129	114	42	Private
University of Texas Medical Branch - Galveston	122	116	74	Public
University of Illinois - Chicago	117	117	75	Public
Tulane University	115	118	43	Private
University of Connecticut - Health Center	114	119	76	Public
University of South Carolina - Columbia	114	119	76	Public
University of Connecticut - Storrs	113	121	78	Public
Georgetown University	112	122	44	Private
University of Tennessee Health Science Center	108	123	79	Public
University of New Mexico - Albuquerque	103	124	80	Public
University of Texas - San Antonio	103	124	80	Public
University of Kansas - Lawrence	99	126	82	Public
Rush University	97	127	45	Private
George Washington University	95	128	46	Private
Brandeis University	94	129	47	Private
Rensselaer Polytechnic Institute	94	129	47	Private
Georgia State University	93	131	83	Public
Clemson University	91	132	84	Public
University of Texas - Dallas	91	132	84	Public
Woods Hole Oceanographic Institution	90	134	49	Private
Drexel University	88	135	50	Private
University at Albany	88	135	86	Public
University of Nevada - Reno	87	137	87	Public
Jackson State University	84	138	88	Public
West Virginia University	79	139	89	Public
Augusta University	77	140	90	Public
University of Oklahoma - Health Sciences Center	77	140	90	Public
University of Kansas Medical Center	75	142	92	Public
University of Arkansas for Medical Sciences	74	143	93	Public
University of Vermont	73	144	94	Public
University of Louisville	70	145	95	Public
University of Oregon	69	146	96	Public
Auburn University	67	147	97	Public
Northern Illinois University	66	148	98	Public
University of Texas - Arlington	65	149	99	Public
University of Arkansas - Fayetteville	63	150	100	Public

The Top 200 Institutions – Postdoctoral Appointees (2018)

Top 151-199 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
University of New Hampshire - Durham	62	151	101	Public
University of California - Merced	61	152	102	Public
University of Wisconsin - Milwaukee	61	152	102	Public
Pennsylvania State University - Hershey Medical Center	57	154	104	Public
Albany Medical College	53	155	51	Private
City University of NY - City College	53	155	105	Public
Lehigh University	53	155	51	Private
Oklahoma State University - Stillwater	52	158	106	Public
University of Idaho	50	159	107	Public
University of Wyoming	50	159	107	Public
Colorado School of Mines	49	161	109	Public
Louisiana State University Health Sciences Ctr. - New Orleans	49	161	109	Public
Montana State University - Bozeman	48	163	111	Public
Syracuse University	47	164	53	Private
Van Andel Institute	47	164	53	Private
Mississippi State University	46	166	112	Public
University of Nevada - Las Vegas	45	167	113	Public
Uniformed Services University of the Health Sciences	44	168	114	Public
Utah State University	44	168	114	Public
North Dakota State University	43	170	116	Public
Boston College	42	171	55	Private
University of North Texas	42	171	117	Public
Loyola University Chicago	41	173	56	Private
University of Mississippi - Oxford	41	173	118	Public
University of Rhode Island	41	173	118	Public
South Dakota State University	40	176	120	Public
Rutgers University - Newark	39	177	121	Public
Stevens Institute of Technology	39	177	57	Private
University of Massachusetts - Lowell	39	177	121	Public
University of Texas - El Paso	39	177	121	Public
Northern Arizona University	38	181	124	Public
University of Maryland - Baltimore County	38	181	124	Public
George Mason University	36	183	126	Public
Louisiana State University - Shreveport	36	183	126	Public
University of Alabama - Tuscaloosa	36	183	126	Public
University of Mississippi Medical Center	36	183	126	Public
University of Toledo	36	183	126	Public
Worcester Polytechnic Institute	35	188	58	Private
Baylor University	34	189	59	Private
Old Dominion University	34	189	131	Public
University of Louisiana - Lafayette	34	189	131	Public
University of Montana - Missoula	34	189	131	Public
University of Notre Dame	34	189	59	Private
Indiana University- Purdue University - Indianapolis	33	194	134	Public
New Jersey Institute of Technology	33	194	134	Public
Richard Gilder Grad. School at the Am. Mus. of Nat. History	33	194	61	Private
University of North Dakota	33	194	134	Public
Binghamton University	32	198	137	Public
Florida Atlantic University	31	199	138	Public
Missouri University of Science and Technology	31	199	138	Public

## The Top American Research Universities

### The Top 200 Institutions – SAT Scores (2018)

Top 1-48 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
California Institute of Technology	1555	1	1	Private
Massachusetts Institute of Technology	1535	2	2	Private
Harvey Mudd College	1525	3	3	Private
Harvard University	1520	4	4	Private
Yale University	1515	5	5	Private
Columbia University	1505	6	6	Private
Franklin W. Olin College of Engineering	1505	6	6	Private
Princeton University	1505	6	6	Private
Carnegie Mellon University	1500	9	9	Private
Duke University	1500	9	9	Private
Johns Hopkins University	1500	9	9	Private
Northwestern University	1500	9	9	Private
Rice University	1500	9	9	Private
University of Chicago	1500	9	9	Private
University of Notre Dame	1500	9	9	Private
Vanderbilt University	1500	9	9	Private
Stanford University	1495	17	17	Private
Dartmouth College	1490	18	18	Private
Brown University	1485	19	19	Private
University of Pennsylvania	1485	19	19	Private
Washington University in St. Louis	1480	21	21	Private
Williams College	1480	21	21	Private
Webb Institute	1475	23	23	Private
Pomona College	1470	24	24	Private
Cornell University	1465	25	25	Private
Georgia Institute of Technology	1465	25	1	Public
Swarthmore College	1465	25	25	Private
Northeastern University	1460	28	27	Private
Georgetown University	1450	29	28	Private
Haverford College	1450	29	28	Private
Amherst College	1445	31	30	Private
Carleton College	1445	31	30	Private
Claremont McKenna College	1445	31	30	Private
Colgate University	1445	31	30	Private
Tufts University	1445	31	30	Private
Washington and Lee University	1445	31	30	Private
University of Southern California	1440	37	36	Private
Vassar College	1440	37	36	Private
Emory University	1435	39	38	Private
Case Western Reserve University	1430	40	39	Private
Colby College	1430	40	39	Private
Grinnell College	1430	40	39	Private
Hamilton College (NY)	1430	40	39	Private
Jewish Theological Seminary of America	1430	40	39	Private
University of California - Berkeley	1425	45	2	Public
Wellesley College	1425	45	44	Private
University of Michigan - Ann Arbor	1420	47	3	Public
Barnard College	1415	48	45	Private
Boston University	1415	48	45	Private
Middlebury College	1415	48	45	Private
Reed College	1415	48	45	Private
Rensselaer Polytechnic Institute	1415	48	45	Private
Tulane University	1415	48	45	Private
University of Virginia	1415	48	4	Public



The Top 200 Institutions – SAT Scores (2018)

Top 55-100 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
New York University	1410	55	51	Private
University of Rochester	1410	55	51	Private
Boston College	1405	57	53	Private
Stevens Institute of Technology	1405	57	53	Private
University of California - Los Angeles	1405	57	5	Public
Kenyon College	1400	60	55	Private
Macalester College	1400	60	55	Private
Southern Methodist University	1400	60	55	Private
University of North Carolina - Chapel Hill	1400	60	6	Public
William & Mary	1400	60	6	Public
Cooper Union for the Advancement of Science & Art	1397	65	58	Private
Mount Holyoke College	1395	66	59	Private
Brandeis University	1390	67	60	Private
Scripps College	1390	67	60	Private
Hillsdale College	1385	69	62	Private
Oberlin College	1385	69	62	Private
U.S. Air Force Academy	1385	69	8	Public
Villanova University	1385	69	62	Private
Trinity College (CT)	1380	73	65	Private
University of Maryland - College Park	1380	73	9	Public
Binghamton University	1375	75	10	Public
Rose-Hulman Institute of Technology	1375	75	66	Private
University of Richmond	1375	75	66	Private
Colorado School of Mines	1370	78	11	Public
Davidson College	1370	78	68	Private
Furman University	1370	78	68	Private
George Washington University	1370	78	68	Private
University of California - San Diego	1365	82	12	Public
Babson College	1360	83	71	Private
Connecticut College	1360	83	71	Private
Lehigh University	1360	83	71	Private
Occidental College	1360	83	71	Private
University of Florida	1360	83	13	Public
Centre College	1355	88	75	Private
Hendrix College	1355	88	75	Private
Ohio State University - Columbus	1355	88	14	Public
Rhodes College (TN)	1355	88	75	Private
Santa Clara University	1355	88	75	Private
University of Texas - Austin	1355	88	14	Public
University of Wisconsin - Madison	1355	88	14	Public
Whitman College	1355	88	75	Private
University of Pittsburgh - Pittsburgh	1350	96	17	Public
Trinity University	1345	97	80	Private
University of California - Santa Barbara	1345	97	18	Public
Lafayette College	1343	99	81	Private
Fordham University	1340	100	82	Private
Lawrence University	1340	100	82	Private
North Carolina State University	1340	100	19	Public
University of Illinois - Urbana-Champaign	1340	100	19	Public
University of Miami	1340	100	82	Private
University of Washington - Seattle	1340	100	19	Public

The Top 200 Institutions – SAT Scores (2018)

Top 106-154 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
Bucknell University	1335	106	85	Private
California Polytechnic State Univ. - San Luis Obispo	1335	106	22	Public
U.S. Coast Guard Academy	1333	108	23	Public
Sarah Lawrence College	1330	109	86	Private
St. John's College (MD)	1330	109	86	Private
University of Texas - Dallas	1330	109	24	Public
Baylor University	1325	112	88	Private
Bentley University	1325	112	88	Private
Brigham Young University - Provo	1325	112	88	Private
St. Olaf College	1325	112	88	Private
Stony Brook University	1325	112	25	Public
University of Georgia	1325	112	25	Public
University of Minnesota - Twin Cities	1325	112	25	Public
University of Tulsa	1325	112	88	Private
New College of Florida	1320	120	28	Public
Pepperdine University	1320	120	93	Private
University of Connecticut - Storrs	1315	122	29	Public
Wheaton College (IL)	1315	122	94	Private
Skidmore College	1312	124	95	Private
Clemson University	1310	125	30	Public
Illinois Institute of Technology	1310	125	96	Private
Missouri University of Science and Technology	1310	125	30	Public
Rhode Island School of Design	1310	125	96	Private
Saint Louis University - St. Louis	1310	125	96	Private
St. John's College (NM)	1310	125	96	Private
Texas Christian University	1310	125	96	Private
Thomas Aquinas College	1310	125	96	Private
University of Alabama - Huntsville	1310	125	30	Public
University of Tennessee - Knoxville	1310	125	30	Public
City University of NY - Bernard M. Baruch College	1305	135	34	Public
American University	1300	136	102	Private
Loyola Marymount University	1300	136	102	Private
Rochester Institute of Technology	1300	136	102	Private
Rutgers University - New Brunswick	1300	136	35	Public
Savannah State University	1300	136	35	Public
University of California - Irvine	1300	136	35	Public
Auburn University	1295	142	38	Public
Butler University	1295	142	105	Private
College of Wooster	1295	142	105	Private
Denison University	1295	142	105	Private
Emerson College	1295	142	105	Private
Loyola University Chicago	1295	142	105	Private
Miami University - Oxford	1295	142	38	Public
Milwaukee School of Engineering	1295	142	105	Private
Purdue University - West Lafayette	1295	142	38	Public
Soka University of America	1295	142	105	Private
University of California - Santa Cruz	1295	142	38	Public
University of Massachusetts - Amherst	1295	142	38	Public
New Jersey Institute of Technology	1285	154	43	Public
Providence College	1285	154	112	Private
Virginia Polytechnic Institute and State University	1285	154	43	Public

The Top 200 Institutions – SAT Scores (2018)

Top 157-198 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
Chapman University	1280	157	113	Private
Creighton University	1280	157	113	Private
Drake University	1280	157	113	Private
Kettering University	1280	157	113	Private
Marquette University	1280	157	113	Private
Transylvania University	1280	157	113	Private
Truman State University	1280	157	45	Public
University of Alabama - Tuscaloosa	1280	157	45	Public
University of California - Davis	1280	157	45	Public
University of Dayton	1280	157	113	Private
Drexel University	1275	167	120	Private
Florida State University	1275	167	48	Public
Syracuse University	1275	167	120	Private
Texas A&M University - College Station	1275	167	48	Public
University of Maryland - Baltimore County	1275	167	48	Public
University of San Diego	1275	167	120	Private
University of South Carolina - Columbia	1275	167	48	Public
St. Lawrence University	1273	174	123	Private
Earlham College	1270	175	124	Private
Gonzaga University	1270	175	124	Private
University of Denver	1270	175	124	Private
University of Vermont	1270	175	52	Public
Bethlehem College & Seminary	1265	179	127	Private
Michigan Technological University	1265	179	53	Public
Muhlenberg College	1265	179	127	Private
Wheaton College (MA)	1265	179	127	Private
Wofford College	1265	179	127	Private
Belmont University	1260	184	131	Private
Calvin University	1260	184	131	Private
Cornell College	1260	184	131	Private
Covenant College	1260	184	131	Private
Illinois Wesleyan University	1260	184	131	Private
John Brown University	1260	184	131	Private
Mercer University	1260	184	131	Private
Pennsylvania State University - University Park	1260	184	54	Public
South Dakota School of Mines and Technology	1260	184	54	Public
U.S. Merchant Marine Academy	1260	184	54	Public
U.S. Naval Academy	1260	184	54	Public
Union University	1260	184	131	Private
University of Cincinnati - Cincinnati	1260	184	54	Public
University of St. Thomas (MN)	1260	184	131	Private
Clarkson University	1255	198	140	Private
College of New Jersey	1255	198	59	Public
Indiana University - Bloomington	1255	198	59	Public
New Saint Andrews College	1255	198	140	Private
New School	1255	198	140	Private
University of Colorado - Boulder	1255	198	59	Public
University of Delaware	1255	198	59	Public

The Top 200 Institutions – National Merit Scholars (2019)

Top 1-50 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
University of Florida	270	1	1	Public
University of Southern California	265	2	1	Private
University of Alabama - Tuscaloosa	258	3	2	Public
Northwestern University	244	4	2	Private
University of Chicago	233	5	3	Private
Vanderbilt University	222	6	4	Private
Harvard University	207	7	5	Private
University of Texas - Dallas	200	8	3	Public
Texas A&M University - College Station	188	9	4	Public
Northeastern University	155	10	6	Private
Yale University	140	11	7	Private
Arizona State University	136	12	5	Public
Massachusetts Institute of Technology	134	13	8	Private
University of California - Berkeley	132	14	6	Public
University of Pennsylvania	126	15	9	Private
Stanford University	124	16	10	Private
Duke University	119	17	11	Private
Purdue University - West Lafayette	116	18	7	Public
Princeton University	114	19	12	Private
University of Minnesota - Twin Cities	107	20	8	Public
University of Central Florida	91	21	9	Public
Georgia Institute of Technology	88	22	10	Public
Brown University	87	23	13	Private
University of Maryland - College Park	87	23	11	Public
University of Oklahoma - Norman	87	23	11	Public
University of Texas - Austin	86	26	13	Public
University of California - Los Angeles	79	27	14	Public
Cornell University	74	28	14	Private
University of Arizona	73	29	15	Public
University of Kentucky	70	30	16	Public
University of Michigan - Ann Arbor	68	31	17	Public
Columbia University	67	32	15	Private
Emory University	67	32	15	Private
Boston University	66	34	17	Private
Rice University	65	35	18	Private
Indiana University - Bloomington	64	36	18	Public
Brigham Young University - Provo	63	37	19	Private
Fordham University	63	37	19	Private
University of Georgia	62	39	19	Public
Dartmouth College	58	40	21	Private
Rutgers University - New Brunswick	55	41	20	Public
University of Notre Dame	53	42	22	Private
University of South Carolina - Columbia	53	42	21	Public
Carnegie Mellon University	51	44	23	Private
Case Western Reserve University	51	44	23	Private
Johns Hopkins University	51	44	23	Private
Michigan State University	51	44	22	Public
Harvey Mudd College	45	48	26	Private
University of Nebraska - Lincoln	45	48	23	Public
Clemson University	44	50	24	Public

The Top 200 Institutions – National Merit Scholars (2019)

Top 51-99 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
University of Mississippi - Oxford	42	51	25	Public
University of Missouri - Columbia	41	52	26	Public
California Institute of Technology	40	53	27	Private
University of Arkansas - Fayetteville	39	54	27	Public
University of Illinois - Urbana-Champaign	39	54	27	Public
Baylor University	38	56	28	Private
Tufts University	38	56	28	Private
University of Rochester	38	56	28	Private
Carleton College	37	59	31	Private
University of Utah	37	59	29	Public
Georgetown University	36	61	32	Private
Ohio State University - Columbus	36	61	30	Public
Tulane University	35	63	33	Private
University of South Florida - Tampa	35	63	31	Public
Washington University in St. Louis	35	63	33	Private
Auburn University	34	66	32	Public
Iowa State University	34	66	32	Public
University of Virginia	33	68	34	Public
University of North Texas	32	69	35	Public
Mississippi State University	31	70	36	Public
University of Tennessee - Knoxville	31	70	36	Public
Louisiana State University - Baton Rouge	30	72	38	Public
University of Cincinnati - Cincinnati	30	72	38	Public
University of Iowa	30	72	38	Public
University of Miami	28	75	35	Private
Bowdoin College	26	76	36	Private
University of North Carolina - Chapel Hill	25	77	41	Public
University of Washington - Seattle	25	77	41	Public
Florida Atlantic University	24	79	43	Public
Southern Methodist University	24	79	37	Private
Grinnell College	23	81	38	Private
Oklahoma State University - Stillwater	23	81	44	Public
University of Tulsa	23	81	38	Private
Williams College	23	81	38	Private
University of Wisconsin - Madison	22	85	45	Public
Wheaton College (IL)	22	85	41	Private
University of Kansas - Lawrence	21	87	46	Public
University of Louisville	21	87	46	Public
Florida State University	20	89	48	Public
University of Pittsburgh - Pittsburgh	20	89	48	Public
Liberty University	19	91	42	Private
Miami University - Oxford	19	91	50	Public
New York University	19	91	42	Private
Oberlin College	19	91	42	Private
Pennsylvania State University - University Park	18	95	51	Public
Rensselaer Polytechnic Institute	18	95	45	Private
University of California - San Diego	18	95	51	Public
West Virginia University	18	95	51	Public
Boston College	17	99	46	Private
Pomona College	17	99	46	Private
University of Alabama - Birmingham	17	99	54	Public

The Top 200 Institutions – National Merit Scholars (2019)

Top 102-143 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
Texas Tech University	16	102	55	Public
Rhodes College (TN)	14	103	48	Private
Texas Christian University	14	103	48	Private
Villanova University	14	103	48	Private
Rochester Institute of Technology	13	106	51	Private
Rose-Hulman Institute of Technology	13	106	51	Private
Michigan Technological University	11	108	56	Public
St. Olaf College	11	108	53	Private
University of Dallas	11	108	53	Private
University of Houston - University Park	11	108	56	Public
Hillsdale College	10	112	55	Private
Missouri University of Science and Technology	10	112	58	Public
Trinity University	10	112	55	Private
American University	9	115	57	Private
Brandeis University	9	115	57	Private
Colorado College	9	115	57	Private
Drake University	9	115	57	Private
Furman University	9	115	57	Private
Loyola University Chicago	9	115	57	Private
Macalester College	9	115	57	Private
Montana State University - Bozeman	9	115	59	Public
North Carolina State University	9	115	59	Public
Stony Brook University	9	115	59	Public
University of Idaho	9	115	59	Public
Franklin W. Olin College of Engineering	8	126	64	Private
Kansas State University	8	126	63	Public
Lehigh University	8	126	64	Private
University of Colorado - Boulder	8	126	63	Public
University of New Mexico - Albuquerque	8	126	63	Public
Virginia Commonwealth University	8	126	63	Public
Washington and Lee University	8	126	64	Private
Calvin University	7	133	67	Private
Claremont McKenna College	7	133	67	Private
Colorado School of Mines	7	133	67	Public
Colorado State University - Fort Collins	7	133	67	Public
Santa Clara University	7	133	67	Private
University of California - Santa Barbara	7	133	67	Public
University of Illinois - Chicago	7	133	67	Public
University of Nevada - Reno	7	133	67	Public
University of Richmond	7	133	67	Private
Wichita State University	7	133	67	Public
Amherst College	6	143	71	Private
Barnard College	6	143	71	Private
Embry Riddle Aeronautical Univ. - Daytona Beach	6	143	71	Private
Gustavus Adolphus College	6	143	71	Private
Kenyon College	6	143	71	Private
Occidental College	6	143	71	Private
Scripps College	6	143	71	Private
University of Oregon	6	143	73	Public
Wayne State University	6	143	73	Public
Wellesley College	6	143	71	Private

The Top 200 Institutions – National Merit Scholars (2019)

Top 153-185 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
Bucknell University	5	153	79	Private
Colby College	5	153	79	Private
College of Wooster	5	153	79	Private
Davidson College	5	153	79	Private
Lawrence University	5	153	79	Private
Lewis & Clark College	5	153	79	Private
Oregon State University	5	153	75	Public
Swarthmore College	5	153	79	Private
University of St. Thomas (MN)	5	153	79	Private
University of Wyoming	5	153	75	Public
Virginia Polytechnic Institute and State University	5	153	75	Public
Washington State University - Pullman	5	153	75	Public
Butler University	4	165	87	Private
Haverford College	4	165	87	Private
Hendrix College	4	165	87	Private
Hope College	4	165	87	Private
Ithaca College	4	165	87	Private
Marquette University	4	165	87	Private
North Dakota State University	4	165	79	Public
Ohio University - Athens	4	165	79	Public
Pepperdine University	4	165	87	Private
Saint Louis University - St. Louis	4	165	87	Private
University of California - Davis	4	165	79	Public
University of Connecticut - Storrs	4	165	79	Public
University of Dayton	4	165	87	Private
University of Maine - Orono	4	165	79	Public
University of Montana - Missoula	4	165	79	Public
University of Nevada - Las Vegas	4	165	79	Public
University of Southern Mississippi	4	165	79	Public
Vassar College	4	165	87	Private
Western Washington University	4	165	79	Public
William & Mary	4	165	79	Public
Bryn Mawr College	3	185	97	Private
Colgate University	3	185	97	Private
College of Charleston	3	185	89	Public
Creighton University	3	185	97	Private
Drexel University	3	185	97	Private
Middlebury College	3	185	97	Private
Oklahoma Christian University	3	185	97	Private
Reed College	3	185	97	Private
South Dakota State University	3	185	89	Public
Truman State University	3	185	89	Public
University of Delaware	3	185	89	Public
University of Evansville	3	185	97	Private
University of North Dakota	3	185	89	Public
University of Puget Sound	3	185	97	Private
Utah State University	3	185	89	Public
Wake Forest University	3	185	97	Private

## Source Notes

### Total Research Expenditures Federal Research Expenditures

Source: Higher Education Research and Development (HERD) Survey, FY 2018

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 SLAC National Accelerator Laboratory (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 more than one-half of Johns Hopkins’ total 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.

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. Further, for their National Patterns of R&D Resources series, NSF prefers to use the figures reported by the performers of the work (that is, academic institutions, industry, nonprofits) because they believe that the performers are in the best position to accurately report these expenditures.

In some sections of this report, these expenditure data are deflated to constant 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. Originally developed by Research Associates of Washington and currently managed by Commonfund Institute, the HEPI illustrates the effect of inflation on college and university operations.<sup>1</sup> 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.”<sup>2</sup>

### Endowment Assets

Source: NACUBO-TIAA Study of Endowment, endowment market value as of June 30, 2019.

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 NACUBO-Commonfund Study of Endowment 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. IPEDS data are released later than other two sources and are used when NACUBO nor VSE figures are unavailable.

In our inaugural report of *The Top American Research Universities* in 2000, we noted the wide variation in the reporting of endowment market value between all three sources. An examination of the 1997 endowment figures showed only one university (University of North Carolina at Chapel Hill) had submitted the same figure to each of the three organizations. In a more recent study of major research universities, we found about one-third of the all institutions report identical figures but just seven universities in our over \$40 million federal research group. In the earlier study, we found that endowment assets reported to IPEDS tended to be lower than NACUBO or VSE data, but this is no longer true. In general, the greater the endowment the likelihood that the figures reported to the three sources will vary. Both studies found no consistent pattern to explain reporting variations among the institutions.

## Annual Giving

Source: Council for Aid to Education's Voluntary Support of Education (VSE) Survey, FY 2019.

The Council for Aid to Education (CAE), formerly an independent subsidiary of RAND, has produced the Voluntary Support of Education (VSE) Survey since 1957. 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 online, provides 11 years of data for all participating institutions. Although this is a

subscription-based service and requires a user ID and password, limited access is available online at [<http://www.cae.org/vse>].

## National Academy Members

Source: National Academy of Sciences, National Academy of Engineering, and National Academy of Medicine membership directories for 2019.

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 National Academy of Medicine (NAM), formerly known as the Institute of Medicine. 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 (NAM).

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

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

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

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

- American Council of Learned Societies (ACLS) Fellows, 2018-19
- Beckman Young Investigators, 2019
- Burroughs Wellcome Fund Career Awards, 2019
- Cottrell Scholars, 2019
- Fulbright American Scholars, 2019-20
- Getty Scholars in Residence, 2019-20
- Guggenheim Fellows, 2019
- Howard Hughes Medical Institute Investigators, 2019
- Lasker Medical Research Awards, 2019
- MacArthur Foundation Fellows, 2019

- National Endowment for the Humanities (NEH) Fellows, 2020
- National Humanities Center Fellows, 2019-20
- National Institutes of Health (NIH) MERIT (R37), FY 2019
- NSF CAREER awards, 2019
- Newberry Library Long-term Fellows, 2019-20
- Pew Scholars in Biomedicine, 2019
- Robert Wood Johnson Policy Fellows, 2019-20
- Searle Scholars, 2019
- Sloan Research Fellows, 2019
- Woodrow Wilson Fellows, 2019-20

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, 2018, and June 30, 2019.

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, we present degrees awarded at other levels—associate's, bachelor's, master's, and professional degrees—in the Student Characteristics table.

## Postdoctoral Appointees

Source: NSF/Division of Science Resource Statistics (SRS) Survey of Graduate Students and Postdoctorates in Science and Engineering, Fall 2018.

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,<sup>3</sup> 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: NCES IPEDS Survey, SAT and ACT scores for Fall 2018.

IPEDS reports the 25th and 75th percentiles for verbal and quantitative SAT I scores for most institutions in our study. For our measure, we calculated the median of that range. Some institutions report the ACT instead of the SAT to IPEDS and some report both. We selected the test which has the greatest percentage of students reporting. To convert ACT scores, we use a conversion table provided by The College Board<sup>4</sup> to generate a comparable SAT equivalent score. When an institution submits neither an SAT nor ACT score, we substitute data from other national data sources.

## Other Measures of Undergraduate Quality

### National Merit and Achievement Scholars

Source: The 2018-19 National Merit Scholarship Corporation Annual Report, which reflects the 2019 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 15,000 National Merit Finalists each February. Of these, about 8,000 will receive a National Merit \$2,500 Scholarship, a corporate-sponsored scholarship, or a college-sponsored scholarship.

Until it was discontinued in 2015, National Achievement Scholars were selected and funded in a similar fashion and represented 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 our 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, 2018, and June 30, 2019.

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 106 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."

### **Research Focus**

Source: Higher Education Research and Development, FY 2018.

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 we provide the proportion of total and federal expenditures in each discipline for those institutions with more than \$40 million in federal research. These data are useful for developing groups of similar institutions for peer analysis.

The Institutional Characteristics table 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 \$40 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. We choose 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, 2018.

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. We provide 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 our nine quality measures, we did not attempt to adjust these figures.

### Federal Research with and without Medical School Research

Source: Association of American Medical Colleges, FY 2018

The Association of American Medical Colleges collects data on federally sponsored research at medical colleges through on the Liaison Committee on Medical Education (LCME) Part I-A, Annual Financial Questionnaire. We calculate each medical school's federal R&D by summing the recorded dollars and a portion of the relative administrative costs. We exclude the not-recorded dollars.

## Footnotes

1 About HEPI, Commonfund Institute  
(Online: <http://www.commonfund.org/CommonfundInstitute/HEPI>)

2 National Patterns of R&D Resources, 2003: Technical Notes  
(Online: <http://www.nsf.gov/statistics/nsf05308/appa.htm>)

3 Survey Methodology: Survey of Graduate Students and Postdoctorates in Science and Engineering  
(Online: <http://www.nsf.gov/statistics/srvygradpostdoc/>)

4 ACT and SAT Concordance Tables, November 6, 2009  
(Online: <http://www.research.collegeboard.org/publications>)

## 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, we adjusted the original reported figures, when necessary, to ensure that all data represent the strength of a single-campus institution. *MUP* Center 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 post-doctorates), 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 website.

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.

*MUP* Center 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 \$40 million in fiscal year 2018 federal research.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>Auburn University</b>			
2019 Endowment		792,983	Estimate at least 97% is main campus.
2019 Giving		96,605	Estimate at least 97% is main campus.
<b>Cleveland State University</b>			
2019 Endowment		7,427	Substituted IPEDS 2019.
2019 Giving		14,276	Estimate based on univeristy documents.
<b>Cornell University</b>			
2019 Endowment	7,328,241	5,805,433	Estimate 79.2% based on published documents.
2018 Federal Research	464,468	297,855	Estimate 64.1% based on university documents.
2019 Giving	433,311	358,077	Estimate 82.6% based on 2019 IPEDS.
2018 Total Research	1,033,740	630,255	Estimate 61.0% based on university documents.
<b>Icahn School of Medicine at Mount Sinai</b>			
2019 Endowment		714,803	Substituted IPEDS 2019.
2019 Giving		168,366	Substituted 2019 IPEDS.
<b>Indiana University - Bloomington</b>			
2019 Endowment	2,486,037	1,172,818	Substituted 2019 IPEDS.
2019 Giving	388,435	236,740	Estimate based on IPEDS and university documents.
<b>Louisiana State University - Baton Rouge</b>			
2019 Endowment	926,247	519,887	Substituted 2019 VSE.
<b>Medical College of Wisconsin</b>			
2019 Giving		42,907	Substituted 2019 IPEDS.
<b>Michigan State University</b>			
2019 Endowment		3,404,779	Combined university and foundation.
<b>New Mexico State University - Las Cruces</b>			
2019 Endowment		182,676	Estimate at least 97% is main campus.
<b>New York University</b>			
2018 Postdoc		753	Includes NY Polytechnic Institute (31)
<b>Ohio State University - Columbus</b>			
2019 Endowment		5,256,759	Estimate at least 97% is main campus.
2019 Giving		406,588	Estimate at least 97% is main campus.
<b>Oklahoma State University - Stillwater</b>			
2019 Endowment		642,500	Substituted institutional data.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>Pennsylvania State University - Hershey Medical Center</b>			
2019 Endowment	4,546,105	615,247	Substituted data from published documents.
2018 Federal Research	557,323	55,539	Estimate 10.0% based on university documents.
2019 Giving	198,885	39,180	Estimate 19.7% based on university documents.
2018 Postdoc	401	57	Estimate 14.2% based on postdoc disciplines.
2018 Total Research	885,661	101,701	Estimate 11.5% based on university documents.
<b>Pennsylvania State University - University Park</b>			
2019 Endowment	4,546,105	2,549,603	Substituted data from published documents.
2018 Federal Research	557,323	501,784	Estimate 90.0% based on university documents.
2019 Giving	198,885	153,738	Estimate 77.3% based on university documents.
2018 Postdoc	401	344	Estimate 85.8% based on postdoc disciplines.
2018 Total Research	885,661	783,960	Estimate 88.5% based on university documents.
<b>Purdue University - West Lafayette</b>			
2019 Endowment		2,625,278	Estimate at least 97% is main campus.
2019 Giving		190,858	Estimate at least 97% is main campus.
<b>Rockefeller University</b>			
2019 Giving		101,644	Substituted 2019 IPEDS.
<b>Rush University</b>			
2019 Giving		11,352	Substituted 2019 IPEDS.
<b>Rutgers University - New Brunswick</b>			
2019 Endowment	1,476,072	1,253,683	Estimate 84.9% based on 2018 IPEDS.
2019 Giving	158,936	152,940	Estimate 96.2% based on university documents.
2018 Postdoc		290	Includes 90 reported under UMDNJ.
<b>Texas A&amp;M University - College Station</b>			
2019 Endowment	13,514,528	12,736,450	Substituted 2019 VSE.
<b>Thomas Jefferson University</b>			
2019 Endowment		954,177	Substituted 2019 VSE. Did not report to NACUBO.
<b>University of Alabama - Birmingham</b>			
2019 Endowment	1,519,595	519,025	Substituted 2019 VSE.
<b>University of Alabama - Huntsville</b>			
2019 Endowment	1,519,595	77,250	Substituted 2019 VSE.
<b>University of Alaska - Fairbanks</b>			
2019 Endowment	364,003	230,603	Estimate 63.4% based on IPEDS.
2019 Giving		36,720	Estimate at least 97% is main campus.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>University of Arkansas - Fayetteville</b>			
2019 Endowment		1,221,935	Substituted 2019 VSE.
<b>University of Arkansas for Medical Sciences</b>			
2019 Endowment		60,485	Substituted IPEDS 2019.
2019 Giving		19,840	Substituted 2019 IPEDS.
<b>University of California - Berkeley</b>			
2019 Endowment	2,070,905	4,903,675	Substituted 2019 VSE.
<b>University of California - Davis</b>			
2019 Endowment	477,555	1,670,738	Substituted 2019 VSE.
<b>University of California - Los Angeles</b>			
2019 Endowment	2,746,930	4,902,768	Substituted 2019 VSE.
<b>University of California - Riverside</b>			
2019 Endowment		257,119	Substituted 2019 VSE.
<b>University of California - San Diego</b>			
2019 Endowment	792,364	1,746,546	Substituted 2019 VSE.
<b>University of California - San Francisco</b>			
2019 Endowment	1,840,206	3,679,094	Substituted 2019 VSE.
<b>University of California - Santa Cruz</b>			
2019 Endowment		210,387	Substituted 2019 VSE.
<b>University of Cincinnati - Cincinnati</b>			
2019 Endowment		1,453,000	Estimate at least 97% is main campus.
<b>University of Colorado - Boulder</b>			
2019 Endowment	1,452,722	705,656	Substituted data from published documents.
2019 Giving	328,347	136,225	Estimate 41.5% based on university documents.
<b>University of Colorado - Denver/Anschutz Medical</b>			
2019 Endowment	1,452,722	552,885	Substituted data from published documents.
2019 Giving	328,347	175,877	Estimate 53.6% based on university documents.
<b>University of Connecticut - Health Center</b>			
2018 Doctorates	364	30	Est. based on univ. factbook and IPEDS Completions.
2019 Endowment	462,375	108,381	Estimate 23.4% based on published documents.
2018 Federal Research	139,022	50,436	Estimate 36.3% based on university documents.
2019 Giving	60,752	5,200	Estimate 8.6% based on university documents.
2018 Postdoc	227	114	Estimate 50.2%% based on postdoc disciplines.
2018 Total Research	256,826	93,283	Estimate 36.3% based on university documents.



## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>University of Connecticut - Storrs</b>			
2018 Doctorates	364	334	Est. based on univ. factbook and IPEDS Completions.
2019 Endowment	462,375	353,994	Estimate 76.6% based on published documents.
2018 Federal Research	139,022	88,586	Estimate 63.7% based on university documents.
2019 Giving	60,752	55,552	Estimate 91.4% based on university documents.
2018 Postdoc	227	113	Estimate 49.8% based on postdoc disciplines.
2018 Total Research	256,826	163,543	Estimate 63.7% based on university documents.
<b>University of Hawaii - Manoa</b>			
2019 Endowment		326,993	Estimate at least 97% is main campus.
<b>University of Houston - University Park</b>			
2019 Endowment	959,815	658,493	Substituted 2019 VSE.
<b>University of Illinois - Chicago</b>			
2019 Endowment	2,353,821	357,455	Substituted 2019 VSE.
<b>University of Illinois - Urbana-Champaign</b>			
2019 Endowment	2,353,821	1,857,157	Substituted 2019 VSE.
<b>University of Kansas - Lawrence</b>			
2018 Doctorates	356	317	Estimate based on KS Board of Regents data book and IPEDS Completions.
2019 Endowment	1,816,931	1,419,568	Estimate 78.1% based on published documents.
2018 Federal Research	130,036	85,397	Estimate 65.7% based on university documents.
2019 Giving	257,985	208,245	Estimate 80.7% based on university documents.
2018 Postdoc	174	99	Estimate 56.9% based on postdoc disciplines.
2018 Total Research	269,494	177,249	Estimate 65.8% based on university documents.
<b>University of Kansas Medical Center</b>			
2018 Doctorates	356	39	Estimate based on KS Board of Regents data book and IPEDS Completions.
2019 Endowment	1,816,931	397,363	Estimate 21.9% based on published documents.
2018 Federal Research	130,036	44,639	Estimate 34.3% based on university documents.
2019 Giving	257,985	49,740	Estimate 19.3% based on university documents.
2018 Postdoc	174	75	Estimate 43.1% based on postdoc disciplines.
2018 Total Research	269,494	92,245	Estimate 34.2% based on university documents
<b>University of Maine - Orono</b>			
2019 Endowment	227,085	337,808	Substituted 2019 VSE.
<b>University of Maryland - Baltimore</b>			
2019 Endowment	1,436,215	361,175	Substituted 2019 VSE.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>University of Maryland - Baltimore County</b>			
2019 Endowment	1,436,215	102,019	Substituted 2019 VSE.
<b>University of Maryland - College Park</b>			
2019 Endowment	1,436,215	652,556	Substituted 2019 VSE.
<b>University of Massachusetts - Amherst</b>			
2019 Endowment	881,302	367,075	Substituted 2019 VSE.
<b>University of Massachusetts Medical School - Worcester</b>			
2019 Endowment	881,302	295,000	Substituted 2019 VSE.
<b>University of Michigan - Ann Arbor</b>			
2019 Endowment		12,448,817	Estimate at least 97% is main campus.
2019 Giving		500,987	Estimate at least 97% is main campus.
<b>University of Minnesota - Twin Cities</b>			
2019 Endowment		3,951,464	Estimate at least 97% is main campus.
2019 Giving	388,635	373,210	Est. 96.0% based on IPEDS and university documents.
<b>University of Missouri - Columbia</b>			
2019 Endowment	1,743,142	1,052,760	Substituted 2019 VSE.
<b>University of Nebraska - Lincoln</b>			
2019 Endowment	1,435,753	1,082,434	Estimate 75.4% based on IPEDS.
2019 Giving	224,768	107,651	Estimate 47.9% based on 2019 IPEDS.
<b>University of Nebraska Medical Center</b>			
2019 Endowment	1,435,753	235,757	Estimate 16.4% based on IPEDS.
2019 Giving	224,768	117,117	Estimate 52.1% based on 2019 IPEDS.
<b>University of New Hampshire - Durham</b>			
2019 Endowment		403,858	Substituted 2019 VSE.
<b>University of New Mexico - Albuquerque</b>			
2019 Giving		60,157	Estimate at least 97% is main campus.
<b>University of Oklahoma - Health Sciences Center</b>			
2019 Endowment		565,500	Estimate based on Institutional Data.
2018 Federal Research	142,470	54,481	Estimate 38.2% based on university documents.
2019 Giving	136,300	17,174	Estimate 12.6% based on 2019 IPEDS.
2018 Total Research	262,863	119,487	Estimate 45.5% based on university documents.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>University of Oklahoma - Norman</b>			
2019 Endowment		1,384,500	Estimate based on Institutional Data.
2018 Federal Research	142,470	87,989	Estimate 61.8% based on university documents.
2019 Giving	136,300	119,126	Estimate 87.4% based on 2019 IPEDS.
2018 Total Research	262,863	143,376	Estimate 54.5% based on university documents.
<b>University of Oregon</b>			
2019 Endowment		1,131,111	Substituted 2019 VSE. Did not report to NACUBO.
<b>University of South Carolina - Columbia</b>			
2019 Endowment	788,261	713,376	Estimate 90.5% based on 2018 IPEDS.
2019 Giving		104,246	Estimate at least 97% is main campus.
<b>University of South Florida - Tampa</b>			
2019 Giving		65,533	Estimate at least 97% is main campus.
<b>University of Tennessee - Knoxville</b>			
2019 Endowment	1,354,756	750,492	Substituted 2019 VSE.
<b>University of Texas - Austin</b>			
2019 Endowment		13,817,599	Substituted 2019 VSE.
<b>University of Texas - El Paso</b>			
2019 Endowment		267,894	Substituted 2019 VSE.
<b>University of Texas Health Science Center - Houston</b>			
2019 Endowment		552,060	Substituted 2019 VSE.
<b>University of Texas Health Science Center - San Antonio</b>			
2019 Endowment		617,388	Substituted 2019 VSE.
<b>University of Texas MD Anderson Cancer Center</b>			
2019 Endowment		1,405,649	Substituted 2019 VSE.
<b>University of Texas Medical Branch - Galveston</b>			
2019 Endowment		612,641	Substituted 2019 VSE.
<b>University of Texas SW Medical Center - Dallas</b>			
2019 Endowment		2,007,032	Substituted 2019 VSE.
<b>University of Vermont</b>			
2019 Endowment		566,714	Substituted 2019 VSE.
<b>University of Washington - Seattle</b>			
2019 Endowment		2,935,220	Estimate at least 97% is main campus.
2019 Giving		711,063	Estimate at least 97% is main campus.

## The Top American Research Universities

<b>Data Notes for Universities with Over \$40 Million in Federal Research</b>			
University / Statistics	Original Data (dollars in thousands)	<i>MUP</i> Data (dollars in thousands)	Comments
<b>University of Wisconsin - Madison</b>			
2019 Endowment	3,152,578	3,553,672	Substituted 2019 VSE.
<b>University of Wyoming</b>			
2019 Endowment		531,547	Substituted 2019 VSE as only the foundation reported to NACUBO.
<b>Washington State University - Pullman</b>			
2019 Endowment		1,067,842	Estimate at least 97% is main campus.
2019 Giving		98,680	Estimate at least 97% is main campus.
<b>Weill Cornell Medical College</b>			
2019 Endowment	7,328,241	1,522,808	Estimate 20.8% based on published documents.
2018 Federal Research	464,468	166,613	Estimate 35.9% based on university documents.
2019 Giving	433,311	75,234	Estimate 17.4% based on 2019 IPEDS.
2018 Total Research	1,033,740	403,485	Estimate 39.0% based on university documents.

## Supplemental Notes

### Top American Research Universities: Annual Reports 2000-2020

- (2000) *The Top American Research Universities*  
John V. Lombardi, Diane D. Craig, Elizabeth D. Capaldi, and  
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- (2001) *The Top American Research Universities*  
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- (2002) *The Top American Research Universities*  
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- (2003) *The Top American Research Universities*  
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- (2004) *The Top American Research Universities*  
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- (2006) *The Top American Research Universities*  
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Massachusetts Amherst and the University of Florida, 2021.

### Publications from Participants in the Measuring University Performance Center and Essays included in the Measuring University Performance Center Annual Reports

*TARU* refers to *The Top American Research Universities*.

*MUP* refers to The Center for Measuring University Performance  
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