

# *The Top American Research Universities*

*2018 Annual Report*

*The Center for Measuring University Performance*

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# Table of Contents

<b>Introduction</b> .....	2
<b>Staying at the Top: An Essay on the Comparative Advantage of America’s Top Research Universities</b> .....	3
<b>Part I: The Top American Research Universities</b> .....	13
Universities Ranking in the Top 25 Nationally .....	14
Universities Ranking in the Top 26-50 Nationally .....	16
Private Universities Ranking in the Top 25 among Privates .....	18
Private Universities Ranking in the Top 26-50 among Privates .....	20
Public Universities Ranking in the Top 25 among Publics .....	22
Public Universities Ranking in the Top 26-50 among Publics .....	24
Medical and Specialized Research Universities Ranking in the Top 50 .....	26
Private Medical and Specialized Research Universities Ranking in the Top 50 .....	26
Public Medical and Specialized Research Universities Ranking in the Top 50 .....	26
<b>Part II: MUP Research Universities</b> .....	29
Total Research Expenditures .....	30
Federal Research Expenditures .....	38
Research by Major Discipline .....	46
Endowment Assets .....	54
Annual Giving .....	62
National Academy Membership .....	70
Faculty Awards .....	78
Doctorates Awarded .....	86
Postdoctoral Appointees .....	94
SAT Scores .....	102
National Merit Scholars and Achievement Scholars .....	110
Change: Research .....	118
Change: Private Support and Doctorates .....	126
Change: Students .....	134
Institutional Characteristics .....	142
Student Characteristics .....	150
MUP Center Measures – National .....	158
MUP Center Measures – Control .....	166
Federal Research with and without Medical School Research .....	174
<b>Part III: The Top 200 Institutions</b> .....	181
Total Research Expenditures (2016) .....	182
Federal Research Expenditures (2016) .....	186
Endowment Assets (2017) .....	190
Annual Giving (2017) .....	194
National Academy Membership (2017) .....	198
Faculty Awards (2017) .....	202
Doctorates Awarded (2017) .....	206
Postdoctoral Appointees (2016) .....	210
SAT Scores (2016) .....	214
National Merit Scholars (2017) .....	218
<b>Source Notes</b> .....	222
<b>Data Notes</b> .....	227

## INTRODUCTION

This 19th edition of *The Top American Research Universities* reflects a consistent and continuing view of the remarkable commitment of American universities to an academic research mission. Over the years, within the constantly changing circumstances for American higher education, the research mission of these institutions has remained a key element in defining the competitive context within which American universities operate. This competition is reflected in many ways, especially in the recruitment, retention, and graduation of students and the acquisition of high quality faculty and staff. Our work has focused on the elements that define the top research universities within this competitive context, relying on data that is public and reasonably verifiable.

The consistency of our approach to measuring research university performance since 2000 has allowed us to observe the impact of the changing economic circumstances surrounding American higher education on the research mission of these institutions. As is our tradition, each year we offer an introductory essay that focuses on some aspect of the context of American research university competition. Among the many elements that define this competition, nothing is more important than money. Although the rhetoric of our profession speaks of resources, the critical dimensions of research university success depend on the financial resources available to each institution that can be invested in the acquisition of faculty, staff, and students of the highest quality.

Of particular interest in this conversation about university competition is a recognition that the changing economic circumstances of higher education has increased the differentiation in the research performance of institutions. The group of universities at the top level of competition have a much higher level of resources available to invest in their research mission than do other institutions. These resources allow high performing institutions to not only sustain quality undergraduate and graduate instructional programs and provide a wide range of services to their students, staff, local and state communities, and the nation, but also invest in the special facilities and support required to sustain large scale aggregate research accomplishments.

Along with many other observers, we have seen that over time the distance that separates the top level of research institutional resources from those of other institutions continues to be significant and growing and that while a few institutions do manage to move into the top levels of

research performance, major additional resources are required to achieve this goal. Massive fund raising campaigns are but one symptom of the drive to acquire the money necessary to buy the competitive elements needed to stay within or within reach of the top levels of research performance. The essay that accompanies this edition of *The Top American Research Universities* highlights the large scale financial resources available to the top ten public and top ten private research universities that allow them to compete for the federal research funding that is the major component of external support for American university research.

The stable and reliable indicators contained in this report, along with the data available to the public on the Center for Measuring University Performance website (<https://mup.umass.edu>) allow universities to review their own placement within the context of the institutions included in this year's report and to construct alternative ways of measuring that performance. As is our custom, this year's report explains any adjustments we have made to the data to reflect changes in reporting agencies policies and practices and changes in institutional organization and structure.

We generally mail about 1500 copies of *The Top American Research Universities* to university leadership, libraries, and others interested in this topic. In addition, each year we receive about 300 hits per day on the website. Our staff responds to a significant number of queries from institutional research officers and others interested in the topic of research university competition and performance. Our staff also participates in a variety of academic meetings related to university performance and competition. As always, we rely on the advice, expertise, and experience of our Advisory Board.

We have been able to pursue this project consistently over the years thanks to the continuing commitment of our sponsoring institutions and the creative engagement of their academic and administrative staff, currently the University of Massachusetts Amherst and the University of Florida, and in the past including Arizona State University, as well as the support of the institutions where our staff is resident, the University at Buffalo, the University of Florida, and UMass Amherst.

The Staff of the Center for Measuring University Performance

November 2019

# Staying at the Top: An Essay on the Comparative Advantage of America’s Top Research Universities

John V. Lombardi and Diane D. Craig

**Abstract:** The complex system of American university education defies easy characterization, but the predominance of the top academic research institutions remains a stable element within a changing national higher education marketplace. The key requirement for success within this marketplace is the acquisition of talent and the ability to support this research talent with equipment, facilities, and personnel. A review of some indicators demonstrates that success in the university research competition requires sustained high levels of revenue available for investment in the elements of research performance. The difficulty of achieving this level of revenue is demonstrated by the remarkable ability of the top performers to maintain their position in the competition, and difficulty other institutions have in challenging this dominance.

While the national conversation about higher education swirls around controversial topics of all kinds, giving the impression of an industry in crisis, the overall operation of this industry remains reasonably stable. Change of course does occur, but much of it reflects the continued significance of a college education for large number of individuals, the constantly documented lifetime earnings advantage of a college education, and the significant demand for educational services from individuals older than 25, many of whom engage higher education online. Enrollment in traditional non-profit four-year institutions has risen steadily over the years and today stands at about 16 million undergraduate students with the best projections indicating a relatively stable number with perhaps some small growth over the next five years or so.

## General Characteristics of the University Marketplace

It is useful in interpreting generalizations about college enrollment to recognize some characteristics of the distribution of both institutions and students as summarized below.

### Institutions<sup>i</sup>

- Of the 2,340 four-year non-profit institutions, 32% are public and 68% are private.
- Among the 750 public institutions, 81% have enrollments of 2,500 or more students and 10% have enrollments over 30,000.
- Among the 1,589 private institutions<sup>ii</sup>, 25% have enrollments of 2,500 or more students and 1% have enrollments over 30,000.

### Students

Of the almost 16 million undergraduate students enrolled in 4-year non-profit institutions, just over 80% are enrolled in public institutions and just under 18% are in private institutions (Table 1). However, the nearly three million post-baccalaureate students in these institutions are divided much more evenly with about 53% in public institutions and 47% in private institutions.

**Table 1. 2017 Fall Enrollment at Four-Year Institutions**

Institutional Control	Under-graduate	% of Total	Post-baccalaureate	% of Total
Public	13,100,953	82%	1,459,202	53%
Private	2,817,017	18%	1,289,460	47%
Total	15,917,970		2,748,662	

Source: Digest of Education Statistics, 2018, tables 303.70 and 303.80.

### The Research University Marketplace

Of particular interest in this context are those universities NCES classifies into two groups based on the Carnegie Classification®, those with very high research and those with high research (Table 2). This is a group that coincides in many ways with those we identify at the Center for Measuring University Performance (MUP) as Top Research Universities, or those with an annual federal research expenditure of \$40 million or more. Of the 219 institutions in these two NCES categories in Fall 2017, 120 (55%) have 20,000 students or more, and 64 (29%) have 30,000 or more. Public institutions make up 71% of the universities classified by NCES as having high or very high research performance. In terms of enrollment, the high to very high research universities have 5.2 million students, with the public institutions in these categories enrolling just over 4 million, or about 81%.

**Table 2. Institutions with Very High or High Research Activity and Fall 2017 Enrollment**

Institutional Control and Research Activity	No. of Institutions	Less than 20,000 students	20,000 to 29,999 students	30,000 or more students	Total Students
Public	155	50	47	58	4,211,036
Very High	81	4	26	51	2,844,803
High	74	46	21	7	1,366,233
Private	64	49	9	6	959,608
Very high	34	22	7	5	633,342
High	30	27	2	1	326,266
All Institutions	219	99	56	64	5,170,644
Very High	115	26	33	56	3,478,145
High	104	73	23	8	1,692,499

Source: Digest of Education Statistics, 2018, table 317.40.

In short, these institutions differ significantly by size and type, with public institutions serving the largest number of students although, overall, there are more private institutions than public institutions. It is not easy to generalize about students and institutions when the range of institutional size and their public or private character are significantly different.

Although much has been written about a possible crisis reflected in institutional failures, the number of four-year, not-for-profit colleges that have closed over the last seventeen years averages about five per year, and the most recent seven years saw the average number of closures at about the same rate, although there was a jump to 12 in 2016-17. For those institutions, their few remaining students, faculty, staff and their alumni and friends, these closures can be traumatic, but as a statistical measure of the industry’s health, these institutions represent only a tiny fraction of four-year colleges and an even smaller fraction of total enrollment.

**Table 3. Degree-granting Institution Closings**

Academic Year	4-year Public	4-year Private
2010-11	0	6
2011-12	0	2
2012-13	1	2
2013-14	1	3
2014-15	0	3
2015-16	0	5
2016-17	0	12

Source: Digest of Education Statistics, 2018, tables 317.50.

Many observers also worry about the decline in the percentage of tenure-track full-time faculty at these four-year and above institutions. In the period between 1993-94 and 2017-18, the percentage of public 4-year doctoral institutions with tenure systems declined less than one percent from 100%, while public masters' institutions declined from 98% to 97% (Table 4). However, their private counterparts saw much greater declines, from 91% to 80% among doctoral institutions and from 77% to 59% among masters' institutions. Clearly the public institutions have held onto tenure systems more successfully than their private counterparts.

**Table 4. Percentage of Four-year Institutions with a Tenure System, AY 1994-2018**

Academic Year	Total Public Institutions	Public Doctoral Institution	Public Master's Institution	Total Private Institutions	Private Doctoral Institution	Private Master's Institution
1993-94	93%	100%	98%	66%	91%	77%
2003-04	91%	100%	98%	61%	87%	72%
2013-14	96%	100%	98%	62%	80%	63%
2017-18	95%	100%	97%	61%	80%	59%

Source: Digest of Education Statistics, 2018, table 316.80

Within those institutions with tenure systems, since 1993-94 the percentage of full-time faculty with tenure in doctoral public institutions has steadily declined from 55% to 42% in 2017-18, and by nearly three percentage points in just the past four years (Table 5). In contrast, among masters' public institutions, the proportion of tenured faculty has fluctuated over the past two and a half decades. There was a large decline between 1993-94 (61%) and 2003-04 (53%) but began to rebound in mid-2000s and peaked in 2013-14 at 55% before declining to a record low in 2017-18 of 53%. In the private institutions with tenure systems, during this same period, the percentages of full-time faculty with tenure declined from about 48% to 38% percent at doctoral institutions, with slower decline in recent years as compared to their public counterparts. Tenured faculty rates have remained relatively stable at private masters' institutions since 1993-94 (range of 49-52%).

**Table 5. Percentage of Full-time Faculty with Tenure at Four-year Institutions with a Tenure System, AY 1994-2018**

Academic Year	Total Public Institutions	Public Doctoral Institution	Public Master's Institution	Total Private Institutions	Private Doctoral Institution	Private Master's Institution
1993-94	56%	55%	61%	50%	48%	52%
2003-04	50%	49%	53%	45%	40%	49%
2013-14	47%	45%	55%	44%	40%	52%
2017-18	45%	42%	53%	42%	38%	51%

Source: Digest of Education Statistics, 2018, table 316.80

However, these numbers depend significantly on the composition of faculty. Among full-time instructional faculty in 2016-17, 89% of those with the rank of Professor and 76% with the rank of Associate Professor have tenure at public doctoral institutions (Table 6). Among doctoral institutions in the private not-for-profit sector, 85% of the Professors and 63% of the Associate Professors have tenure. Among masters' institutions, both public and private universities have high levels of tenure among Professor ranks (98% for publics; 93% for privates) and Associate Professor (90% and 78%, respectively). The slightly higher percentage of tenure at masters' institutions, both public and private, and at all ranks, may reflect less emphasis on research productivity than at the doctoral institutions, although given the wide range of institutional characteristics among these institutions this can only be a guess without a more detailed study.

**Table 6. Percentage of Full-time Faculty with Tenure at Four-year Institutions by Rank, AY 2017**

Faculty Rank	Total Public Institutions	Public Doctoral Institution	Public Master's Institution	Total Private Institutions	Private Doctoral Institution	Private Masters' Institution
Professor	91%	89%	98%	88%	85%	93%
Asso Professor	79%	76%	90%	69%	63%	78%
Ast Professor	4%	1%	8%	3%	2%	5%
Instructor	10%	1%	2%	0%	0%	0%

Source: Digest of Education Statistics, 2018, table 316.80

Tenure is clearly still a major element of faculty work and careers at these institutions but with significant variations by institutional type, and probably by research intensity. It is likely that the existence of strong union presence at many public institutions may well have helped sustain the tenure systems at higher levels at these universities, although the research intensity of the institutions is also likely to have a significant influence on the prevalence of tenure as most research competitive faculty seek positions on the tenure-track. Also, as these data only apply to full-time instructional faculty, they do not account for the prevalence of contingent teaching faculty or research staff on various forms of term contracts who are usually not part of the tenure system.

### The Top American Research Universities: Scale of Operations

These general characteristics of the higher education institutional marketplace prompted a review of the enrollment characteristics of the MUP's top research institutions. At a glance, enrollment at these highly competitive research universities has grown over the years, with a 7% increase in total undergraduate enrollment and a 4% increase in total graduate enrollment between 2012 and 2016. This leads to a possible competitive advantage to scale in the effort to acquire the top faculty, staff, and students that translate into sustained success in research funding. Moreover, these institutions all have outstanding brand identification reflected in the high selectivity they exhibit in their undergraduate application processes. Scale is important, as the difficulty of sustaining top research performance continues to increase with constantly expanding requirements for enhanced equipment, facilities, support personnel, and administrative services to manage the complex and highly regulated research environment.

Institutions grow in other ways too, as they develop ever-expanding commercial initiatives based on their research productivity and enhance the services they provide students, faculty, staff, and their surrounding communities. A reasonably high level of participation by students is an advantage as their substantially discounted tuition and fees nonetheless contribute a significant portion to institutional revenue. Moreover, in public institutions, larger student populations often translate into increased state support, and in all institutions, larger student bodies in the long run produce larger alumni groups that, in turn, eventually generate larger annual giving and endowments.



Some indicators of enrollment growth within the domain of our top research universities illustrate this perspective, recognizing from the review of general enrollment indicators above, that the changes in enrollment while significant for individual institutions in different circumstances, are overall, rather modest. This illustration shows enrollment in terms of the competitive group of top research universities, defined here by the MUP project as those with at least \$40 million in annual federal research expenditures. Excluding standalone medical schools and specialized institutions, there are 129 institutions (public and private) that meet this criterion. In addition, within this group, public and private institutions belong to two smaller groups: the top 10 public and the top 10 private institutions ranked by their annual federal research expenditures, that allow a perspective on the characteristics of the most research competitive institutions compared to the performance of the rest of the high performing public and private research universities.

Between 2010 and 2016 the mean undergraduate enrollment for the top 10 public research institutions has grown by a little over 2%. The rest of the public research universities saw about the same enrollment growth of about 3%. In the case of the private research universities in our group, the top 10 grew their average undergraduate enrollment by 10% with the average of the rest of the private research institutions growing at about 11%. However, the size of the undergraduate populations of these institutions diverge substantially by their public and private status. The top 10 public institutions in 2016 had an average undergraduate student body of 24,739 while the rest of the public research universities had an average undergraduate student body of 24,670. The top 10 private institutions had an average of 8,579 undergraduates while the rest of the private universities had 8,379 headcount enrollment.

**Table 7. Mean Undergraduate Headcount Enrollment, 2010-2016**

Institutions with over \$40M Federal Research								2010-16	2010-16
	2010	2011	2012	2013	2014	2015	2016	Net Change	Percent Change
Top 10 Publics	25,923	26,113	26,349	26,732	27,089	27,382	27,924	2,001	8%
Rest of Publics (N=81)	21,948	22,307	22,567	22,916	23,335	23,799	24,346	2,397	11%
Top 10 Privates	8,374	8,409	8,528	8,581	8,612	8,638	8,579	205	2%
Rest of Privates (N=28)	8,095	8,075	8,190	8,161	8,284	8,304	8,325	230	3%

Graduate student enrollment provides an additional perspective, particularly significant for these top performing research universities. During the recent seven-year period from 2010-2016 the average graduate student headcount enrollment for the top 10 public institutions increased by 5% or 598 students, while the rest of the public research universities in our group grew by only 3% or 176 students. Private institutions experienced greater enrollment gains over this time period. The average graduate student headcount of top 10 private research universities grew by about 13%, an increase of 1,546 students, while the rest of the private universities in our group grew by about 6%, or an increase of 384 students (Table 8).

**Table 8. Mean Graduate Headcount Enrollment, 2010-2016**

Institutions with over \$40M Federal Research								2010-16	2010-16
	2010	2011	2012	2013	2014	2015	2016	Net Change	Percent Change
Top 10 Publics	11,055	11,087	11,117	11,053	11,172	11,352	11,652	598	5%
Rest of Publics	6,864	6,886	6,786	6,830	6,864	6,895	7,039	176	3%
Top 10 Privates	12,258	12,524	12,584	12,757	12,972	13,369	13,804	1,546	13%
Rest of Privates	6,325	6,425	6,540	6,419	6,511	6,581	6,709	384	6%

Note that top 10 public and private research universities have significantly larger average graduate populations than the rest of the research universities in their group. This difference reflects the higher research intensity of the top 10 public and top 10 private institutions with the increased emphasis on graduate education and research.

Although, on average, both the public and private institutions have grown in the size of their undergraduate and graduate populations, the average public institution has a much larger undergraduate student body, reflecting the public character of their missions and organization, the requirements of their states for access to quality higher education, and the relatively common link between enrollment and state funding.

However, while the general trends in growth and student-body size are evident, caution in generalizing is warranted because the variation in undergraduate and graduate enrollment is substantial among these institutions. Private high performing research universities in our group of 129 institutions range from NYU's reported 2016 fall headcount total enrollment of 50,550 to Cal Tech's 2,240. Public universities, while generally recruiting substantially larger undergraduate student populations than their private counterparts, also show some significant variations. The range here is quite large from the 97,849 reported for the multiple locations of Arizona State University to the fall headcount enrollment of 8,283 at the University of Alaska Fairbanks.

These differences clearly indicate that enrollment size responds to a wide range of incentives and opportunities. In the case of the public institutions, in particular, local considerations of a state's population, the rural-urban balance, the state's commitment to funding the institution, the relationship of funding models to enrollment considerations, and the competition with nearby states all have an impact on enrollment. While all these institutions compete for students nationally and internationally, some are much more centered on their state's residents, even to the extent of limits on out of state enrollment. Others respond to the political concerns for access to the state's flagship institutions and other high-quality state universities. As a result, while increased enrollment has many advantages, the elements that contribute to an individual institution's enrollment numbers are highly variable and require close analysis of individual institutional history and policies. In addition, the organization of state institutions varies, and in some instances, students from statewide programs, fully integrated online programs, and off-campus facilities increase the reported enrollment numbers.

For private institutions, it is also difficult to make firm generalizations about the rationale for any particular university undergraduate size. Historically, many major private research universities sought to keep their undergraduate populations relatively small to create the experience of an elite liberal arts college, but over time, some of the benefits of larger undergraduate and graduate populations have clearly prompted institutions to expand their reach. In some instances, the need to diversify and internationalize the student body has encouraged the expansion of student opportunities. In others, the net tuition/fee revenue recovered has proved to be an important financial resource even if endowment and annual giving are nonetheless required to pay the full cost of a student's education. Without a careful individual examination of an institution's history and circumstances, it is difficult to offer generalizations that will serve to capture the success of Cal Tech and the scale and research achievements of NYU.

### **The Top American Research Universities: Revenue**

The net tuition generated by an institution's total enrollment offers a likely incentive to increase the number of undergraduate and graduate students at most universities. In exploring this relationship, the different rules used by public and private universities in accounting for the various discounts students receive for different forms of financial aid makes comparisons between public and private institutions problematic. Nonetheless, it is possible to see trends in the growth of enrollment related revenue even if public-private comparisons are challenging.

One way to approach the issue of revenue is to look at the sum of the average revenue reported for two or three major components of research university financing: net tuition and fees, estimated discretionary income generated by a university's endowment (calculated at a standard payout of 4.4% of endowment assets), and for public institutions, the contribution of state appropriated funds (Table 9). For our group of institutions, the combination of these revenue elements has increased steadily over the past seven years.

**Table 9. Mean Selected Revenue Streams for Top Research Universities\***

Revenue Sources	2010	2011	2012	2013	2014	2015	2016	2010-16 Percent Change
<b>Top 10 Publics</b>								
Mean Tuition & Fees	\$496,664	\$541,674	\$591,357	\$633,618	\$661,596	\$693,794	\$728,927	47%
Mean State Approp.	\$375,694	\$366,033	\$309,012	\$324,176	\$337,504	\$340,191	\$352,645	-6%
Mean Endowment (4.4%)	\$94,907	\$111,995	\$110,446	\$121,325	\$141,832	\$148,960	\$146,070	54%
<b>Mean Total Top 10 Publics</b>	<b>\$967,265</b>	<b>\$1,019,702</b>	<b>\$1,010,815</b>	<b>\$1,079,119</b>	<b>\$1,140,932</b>	<b>\$1,182,945</b>	<b>\$1,227,642</b>	<b>27%</b>
<b>Rest of Publics (N=81)</b>								
Mean Tuition & Fees	\$231,213	\$255,323	\$282,446	\$298,859	\$313,233	\$330,923	\$348,775	51%
Mean State Approp.	\$223,635	\$223,189	\$207,442	\$206,652	\$225,313	\$231,946	\$236,597	6%
Mean Endowment (4.4%)	\$27,072	\$32,108	\$32,955	\$37,423	\$44,135	\$44,170	\$43,697	61%
<b>Mean Total Rest of Publics</b>	<b>\$481,920</b>	<b>\$510,620</b>	<b>\$522,843</b>	<b>\$542,934</b>	<b>\$582,681</b>	<b>\$607,039</b>	<b>\$629,069</b>	<b>31%</b>
<b>Top 10 Privates</b>								
Mean Tuition & Fees	\$449,841	\$482,494	\$510,478	\$542,227	\$573,790	\$607,948	\$645,959	44%
Mean Endowment (4.4%)	\$409,323	\$478,861	\$477,321	\$515,455	\$590,394	\$614,806	\$604,667	48%
<b>Mean Total Top 10 Privates</b>	<b>\$481,920</b>	<b>\$510,620</b>	<b>\$522,843</b>	<b>\$542,934</b>	<b>\$582,681</b>	<b>\$607,039</b>	<b>\$629,069</b>	<b>31%</b>
<b>Rest of Privates (N=28)</b>								
Mean Tuition & Fees	\$315,099	\$332,250	\$352,011	\$372,006	\$390,816	\$407,927	\$422,807	34%
Mean Endowment (4.4%)	\$108,619	\$127,338	\$125,944	\$136,092	\$156,510	\$161,974	\$155,596	43%
<b>Mean Total Rest of Privates</b>	<b>\$481,920</b>	<b>\$510,620</b>	<b>\$522,843</b>	<b>\$542,934</b>	<b>\$582,681</b>	<b>\$607,039</b>	<b>\$629,069</b>	<b>31%</b>

\* Dollars in thousands.

Next, we compare the relative advantage of the top 10 universities on these selected revenue sources to the rest of the top research universities in our group of 129. In Table 10, we show the net difference between the top 10 average value and the rest of the institutions average value. Of particular interest for the issue of comparative advantage, note that by 2016 the average top 10 public institution has \$598.6 million more to spend from these three revenue sources than does the average other top public research university in this group. Private universities show similar and even larger advantages, with a \$672.2 million advantage over their research peers in 2016.

**Table 10. Mean Revenue Advantage of Top Public and Private Research Universities Over the Rest of Top Universities\***

Revenue Sources	2010	2011	2012	2013	2014	2015	2016	2010-16 Total
<b>Top 10 Public Net Advantage</b>								
Mean Tuition & Fees	\$265,451	\$286,351	\$308,911	\$334,759	\$348,363	\$362,871	\$380,152	\$2,286,858
Mean State Appropriations	\$152,058	\$142,844	\$101,570	\$117,524	\$112,191	\$108,244	\$116,048	\$850,480
Mean Endowment (4.4%)	\$67,835	\$79,887	\$77,491	\$83,902	\$97,697	\$104,790	\$102,373	\$613,975
<b>Top 10 Public Mean Advantage</b>	<b>\$485,344</b>	<b>\$509,082</b>	<b>\$487,972</b>	<b>\$536,184</b>	<b>\$558,251</b>	<b>\$575,905</b>	<b>\$598,573</b>	<b>\$3,751,312</b>
<b>Top 10 Private Net Advantage</b>								
Mean Tuition & Fees	\$134,742	\$150,245	\$158,468	\$170,222	\$182,974	\$200,021	\$223,152	\$1,219,824
Mean Endowment (4.4%)	\$300,704	\$351,524	\$351,378	\$379,363	\$433,883	\$452,832	\$449,071	\$2,718,755
<b>Top 10 Private Mean Advantage</b>	<b>\$435,445</b>	<b>\$501,768</b>	<b>\$509,845</b>	<b>\$549,585</b>	<b>\$616,857</b>	<b>\$652,853</b>	<b>\$672,223</b>	<b>\$3,938,576</b>

\* Dollars in thousands.

Note that the combination of these revenue sources, on average, for the public and private institutions demonstrates relatively close levels of advantage. The average top 10 public institutions' advantage includes state appropriations but this is offset by the average top 10 privates' significantly higher earnings on endowment. The comparative advantage demonstrated here is visible not only for the 2016 year but also throughout the period 2010-2016. This simple exercise suggests the private and public top 10 research institutions accumulated a substantial revenue advantage over the rest of the institutions within their group.

### **The Top American Research Universities: The Comparative Advantage**

Universities do many things in addition to instruction, research, and various forms of public service. They generate money from more than the sources we highlight here in order to subsidize the pursuit of federally funded research. In the aggregate, it is the money universities can generate over and above the cost of operating a baseline institution that permits the substantial investment required to compete nationally among the best research institutions.

The exercise in this essay does not offer a complete view of the revenue advantage held by the top institutions, nor does it address how individual institutions choose to invest their funds. Some institutions have complex, expensive educational programs for undergraduates, others use large much less expensive distance education programs to capture revenue in both undergraduate and graduate programs. Whatever they do, however, all of these top institutions have grown their enrollment, generated more funds from tuition and fees, and sought ever high amounts of endowment. Private institutions generate substantially more revenue from the payout on their larger endowments than do their public counterparts, and even recognizing the differences in accounting rules between public and private institutions, it would appear that the public institutions, between net tuition and fees and the contributions of state appropriations, along with the earnings on their endowments, generate a total comparative advantage within a range similar to that of their private top 10 counterparts.

These comparative advantages have another consequence in creating entry barriers to the top levels of university research competitiveness. Out of the 945 universities that the MUP Center classifies as research universities because they have reported any federal research expenditures in the past five years (2012-16), only 161 (including standalone medical and specialized institutions) compete at the significant level of \$40M in annual federal research expenditures. These spend something on the order of 90% of all university-based annual federal research expenditures. The large and growing cumulative advantage of the top 10 in this group would appear to indicate that it will become more and more difficult to maintain large-scale research enterprises at top competitive levels.<sup>iii</sup>

These generalizations, however, only provide a framework within which the highly evolved competition for research talent and funding plays out. The presence or absence of a research oriented medical school, the existence of a land grant mission, the size of the international student population, the balance in public institutions between in-state and out-of-state students, the extent of profit generating distance education and short term certificate programs, the reliance of an institution on tenured/tenure-track or contingent faculty, and the success of university-corporate joint ventures all have an impact on the revenue made available to support the development of a competitive research enterprise.

### **Maintaining Elite Research Performance**

It seems likely, that over the next decade or so, the comparative advantage of these top institutions will continue to grow, recognizing that the current environment depends on today's scale, organization, and operation of the federal research agencies and their peer review systems. Predicting the future is always risky, although the structure, organization, and performance of America's top research universities have demonstrated remarkable stability and continued strength in the face of multiple national fiscal crises and substantial shifts in American attitudes towards college and advanced study.

In this context, it is helpful to remind ourselves of the remarkable stability of the top research universities that hold their advantage in the competition over many years. Of the top 10 public and private institutions we examined here, six of the publics and eight of the privates have been in the top 10 in federal research since 2010. Although four public and two privates left the top ten at least one time over those seven years (2010-2016), they fell no further down than 12th place. The institutions that took their place rose over those years from no lower than 13th. The competition at the very top of the research competitive institutions takes place among a relatively small group of high performing institutions.

### Conclusion

In short, while there is much to discuss about American higher education institutions, the wide range of institutional type and characteristics argue for caution in making generalizations about the higher education industry as a whole. Even if confining the discussion to undergraduate education or graduate education, research, or individual graduate economic success, the wide range of characteristics that define the individual institutions make clear the difficulty of simple answers to questions about these academic enterprises. By focusing on particular subsets of institutions that compete in the same marketplace, as the MUP Center does, this exercise offers some help in understanding the trends and overall characteristics of the institutions in the high performing research university subset.

The success of these high performing research universities highlights the growing challenges facing academic research institutions. As the data summarized here show, there is no way to compete in this top marketplace without substantial resources, and the cost of that competition continues to rise. The ever increasing cost of the research enterprise itself, with expensive equipment, underfunded grants, high personnel costs, increased competition for funding, and rising bureaucratic and regulatory requirements, clearly indicate that the number of universities able to compete at the upper end of this distribution of research universities will likely remain small, and many aspiring research institutions may well find the competition far too rich for their resources.

Research is a luxury good for most universities because however calculated, the cost of performing research significantly exceeds the revenue it generates. As a result, research is a loss leader in higher education in almost all institutions, and while some significant revenue is possible from enterprises and activities associated with successful research institutions, this added benefit is rarely sufficient to complete the subsidies required for performing the university's research. The tendency to focus on scientific research, moreover, often obscures the significant subsidy required to sustain the non-science and non-grant funded research activities of most comprehensive institutions.

As a result, research universities seek revenue from other sources to support the deficits generated by large dynamic research enterprises. Massive fundraising campaigns, elaborate efforts to expand profit-generating distance education, expansion of undergraduate and graduate student bodies to produce enrollment driven surpluses, state financial support, expansion of revenue generating medical enterprises, all these sources and others are required to sustain the top brand name institutions. At the same time, many of these sources face limits to future expansion, whether from resistance to tuition increases, reluctance of states to pay more, declining potential student populations, and reductions in overall grant or foundation funding relative to the cost of research.

While many colleges and universities will continue to support some stellar research activities, primarily to validate their claims to participation in the elite enterprise associated with academic excellence, the scale of investment most universities will be able to sustain is likely to shrink as the competition from the top performers continues to drive the cost of participation in this marketplace upward and the availability of surpluses to support these costs declines for most institutions.<sup>iv</sup>

There are many benefits for a university subsidizing a modest research enterprise, primary among them is the enhanced prestige and brand value provided by the existence of some stellar research faculty and programs. The general belief that research is a premier product of the very best universities, in America and the world, makes some research investment likely for many institutions that, while they will not compete among the top American research universities, may well be able to support quality research programs on a smaller and narrower scale.

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- i Digest of Education Statistics, 2018, table 317.20.
  - ii References to private institutions in all tables and text in this article includes only private, nonprofit institutions.
  - iii A recent Chronicle of Higher Education article highlights this pressure to compete at the highest levels and its impact on the bond ratings of some private research universities. See Dan Bauman, “How Chasing Prestige is Starting to Strain Some Elite Institutions,” *Chronicle of Higher Education*, November 14, 2019.
  - iv We have discussed various elements of these themes elsewhere. See for example, John V. Lombardi and Diane D. Craig, “America’s Research Universities: Is the Enterprise Model Sustainable?” *The Top American Research Universities*, 2017; William B. Rouse, Lombardi, Craig, “Modeling Research Universities: Predicting Probable Futures of Public vs. Private and Large vs. Small Research Universities,” *Proceedings of the National Academy of Sciences*, (119, 2018); and Lombardi and Craig, “American Research Universities in an Era of Change: 2006-2015,” *The Top American Research Universities*, 2016.



## 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 2016. This is the same dollar cutoff used since the 2008 report. There were 161 institutions who met our criteria, 113 public and 48 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 50 institutions (26 private, 24 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 28 institutions (5 private, 23 public) that rank 26 through 50 nationally on at least one of the nine measures.
- **The Top Private Research Universities (1-25)** identifies the 32 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 6 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 46 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 24 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	2016 Total Research x \$1000	2016 National Rank	2016 Federal Research x \$1000	2016 National Rank	2017 Endowment Assets x \$1000	2017 National Rank
Private	Columbia University	9	0	793,710	19	585,578	9	9,996,596	11
Private	Harvard University	9	0	1,011,950	11	549,539	13	36,021,516	1
Private	Massachusetts Institute of Technology	9	0	880,111	14	501,702	15	14,967,983	5
Private	Stanford University	9	0	1,012,351	10	668,578	4	24,784,943	3
Private	University of Pennsylvania	9	0	1,140,833	5	638,336	5	12,213,202	6
Private	Duke University	8	1	1,044,046	8	574,738	11	7,911,175	13
Public	University of Michigan - Ann Arbor	8	1	1,357,228	2	780,080	3	10,936,014	8
Private	Yale University	8	1	865,970	16	494,504	16	27,176,100	2
Public	University of California - Los Angeles	8	0	1,002,013	12	479,718	17	4,356,826	22
Private	Johns Hopkins University	7	2	2,425,199	1	2,100,097	1	3,844,918	28
Public	University of California - Berkeley	7	2	734,486	24	338,562	31	4,271,453	23
Public	University of Washington - Seattle	7	1	1,197,773	4	893,050	2	2,529,250	36
Private	Northwestern University	6	3	684,767	28	424,638	21	10,436,692	10
Public	Univ. of North Carolina - Chapel Hill	6	3	1,013,128	9	624,131	6	3,027,227	33
Public	Ohio State University - Columbus	6	2	751,293	22	418,887	22	4,253,459	24
Public	University of Minnesota - Twin Cities	6	2	872,514	15	462,570	19	3,493,641	29
Public	University of Wisconsin - Madison	6	2	1,051,311	7	548,247	14	3,101,888	31
Private	University of Chicago	5	3	402,491	53	293,557	39	7,523,720	15
Private	Washington University in St. Louis	5	3	726,622	25	436,229	20	7,860,774	14
Public	University of California - San Diego	5	2	1,079,429	6	602,336	8	1,339,164	69
Public	University of Texas - Austin	5	2	565,708	38	340,181	30	11,867,843	7
Private	Princeton University	5	1	285,733	78	161,562	73	23,812,241	4
Private	Cornell University	4	5	588,513	34	280,461	42	5,298,076	19
Private	New York University	4	4	751,393	21	332,483	33	3,991,638	26
Private	University of Southern California	4	4	662,029	29	396,197	23	5,128,459	20
Public	Texas A&M University - College Station	4	3	859,952	17	281,015	41	10,908,003	9
Public	University of Pittsburgh - Pittsburgh	4	3	880,508	13	575,281	10	3,945,687	27
Public	University of Florida	3	4	741,945	23	297,267	37	1,612,003	61
Public	Univ. of Illinois - Urbana-Champaign	3	4	587,264	35	320,703	34	1,659,338	60
Private	Vanderbilt University	3	4	612,351	30	395,505	24	4,136,465	25
Public	Pennsylvania State Univ. - Univ. Park	3	3	704,687	27	463,244	18	2,118,610	45
Private	University of Notre Dame	3	1	175,187	110	85,870	112	9,352,376	12
Private	California Institute of Technology	2	5	356,204	62	260,489	45	2,606,505	34
Private	Emory University	2	5	597,971	32	360,197	26	6,905,465	16
Public	Georgia Institute of Technology	2	5	780,118	20	567,100	12	1,985,802	47
Public	University of Colorado - Boulder	2	4	433,850	50	360,827	25	596,407	160
Public	Arizona State University	2	2	441,411	49	200,280	59	665,488	147
Private	Rice University	2	1	151,855	119	82,643	116	5,814,444	18
Public	Purdue University - West Lafayette	1	5	517,879	41	214,373	56	2,424,872	38
Public	University of California - Davis	1	5	726,070	26	334,534	32	1,107,701	86
Public	University of Maryland - College Park	1	5	517,173	42	354,788	27	518,808	178
Public	Rutgers University - New Brunswick	1	4	610,648	31	318,123	36	985,463	97
Private	Brown University	1	3	235,373	89	131,751	84	3,245,531	30
Public	University of Virginia	1	3	367,926	58	198,760	60	6,393,561	17
Private	Carnegie Mellon University	1	2	304,383	76	190,620	64	2,154,098	43
Private	Dartmouth College	1	2	224,497	94	138,641	81	4,956,494	21
Private	Case Western Reserve University	1	1	403,827	52	320,402	35	1,798,790	54
Private	Northeastern University	1	1	121,574	135	78,668	120	778,948	127
Private	Tufts University	1	0	181,011	106	124,363	88	1,738,706	56
Public	University of California - Santa Barbara	1	0	219,907	95	114,884	95	322,419	245



## The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 National Rank	2017 National Academy Members	2017 National Rank	2017 Faculty Awards	2017 National Rank	2017 Doctorates Granted	2017 National Rank	2016 Post Docs	2016 National Rank	2016 Median SAT	2016 National Rank
603,077	8	133	6	31	13	570	23	1,219	8	1500	8
1,283,740	1	401	1	75	1	718	13	5,873	1	1515	6
672,939	3	271	3	43	6	622	21	1,503	4	1525	2
1,129,330	2	342	2	62	2	752	10	2,228	2	1480	18
626,485	6	127	7	40	7	589	22	964	12	1475	19
581,051	10	70	17	27	18	685	16	587	33	1475	19
456,132	15	118	9	54	3	820	4	1,313	6	1430	35
595,866	9	118	9	37	9	375	49	1,169	9	1510	7
550,934	13	102	15	30	14	770	8	1,120	10	1315	103
636,911	5	107	14	28	17	553	26	1,697	3	1485	15
404,588	18	227	4	44	5	818	5	795	18	1405	47
553,891	12	111	13	49	4	624	20	1,264	7	1245	177
344,299	20	45	28	36	10	454	39	813	17	1500	8
325,932	22	36	32	24	22	566	25	825	16	1415	42
401,850	19	32	36	20	28	818	5	638	24	1360	68
326,158	21	43	30	26	20	702	14	906	14	1340	83
258,645	31	75	16	27	18	876	1	745	19	1360	68
483,470	14	70	17	33	12	395	47	606	29	1525	2
281,491	26	53	25	13	44	288	73	629	27	1500	8
240,076	33	118	9	30	14	531	30	1,319	5	1310	106
304,294	23	69	19	24	22	827	2	343	52	1275	135
303,394	24	125	8	40	7	358	53	522	36	1495	12
621,155	7	63	20	29	16	501	35	444	45	1430	35
567,121	11	58	21	20	28	445	40	647	22	1365	66
668,332	4	46	27	18	34	679	17	449	44	1390	56
290,458	25	38	31	8	78	761	9	602	31	1190	283
121,564	68	27	45	24	22	416	43	703	20	1285	131
267,350	29	29	42	17	37	728	12	666	21	1275	135
198,897	40	55	23	35	11	827	2	512	39	1360	68
193,581	41	32	36	11	54	337	58	618	28	1520	4
148,864	55	27	45	24	22	695	15	338	53	1195	278
451,433	16	4	113	23	26	239	90	152	103	1520	4
235,882	34	114	12	17	37	180	113	601	32	1555	1
218,501	37	33	35	12	48	251	86	641	23	1395	55
119,142	72	31	39	19	32	508	34	284	64	1410	46
134,126	62	32	36	18	34	408	44	939	13	1305	110
179,604	42	22	56	25	21	677	18	251	73	1220	209
98,158	88	24	50	7	87	215	98	208	91	1490	13
152,638	53	27	45	12	48	746	11	411	46	1195	278
163,088	49	47	26	10	60	517	31	837	15	1190	283
115,151	73	24	50	15	42	567	24	479	42	1315	103
113,555	75	36	32	16	41	636	19	303	62	1230	200
241,987	32	23	52	14	43	210	100	305	60	1470	21
268,407	28	23	52	20	28	361	52	346	50	1350	78
155,209	51	44	29	9	69	288	73	220	83	1465	24
216,825	38	16	62	9	69	83	197	176	95	1455	26
113,767	74	22	56	10	60	206	103	261	71	1470	21
125,342	63	3	120	12	48	228	94	149	105	1485	15
103,248	82	11	72	8	78	139	133	205	92	1485	15
145,824	57	56	22	7	87	321	63	297	63	1255	174

## 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	2016 Total Research x \$1000	2016 National Rank	2016 Federal Research x \$1000	2016 National Rank	2017 Endowment Assets x \$1000	2017 National Rank
Public	Michigan State University	7	573,204	36	294,369	38	3,075,113	32
Public	University of Arizona	7	592,412	33	259,443	46	843,529	115
Private	Boston University	5	379,117	55	250,523	47	1,957,021	48
Public	Indiana University - Bloomington	5	471,055	45	216,917	55	1,081,730	89
Public	North Carolina State University	4	479,039	44	197,261	61	1,122,899	85
Public	University of California - Irvine	3	325,582	69	170,674	71	869,491	110
Public	University of Iowa	3	447,718	47	236,363	49	1,387,001	67
Public	Virginia Polytechnic Institute and State University	3	512,333	43	190,975	63	995,807	96
Public	Iowa State University	2	316,822	72	124,242	89	838,871	117
Public	University of Alabama - Birmingham	2	531,492	40	346,190	28	475,558	194
Public	University of Colorado - Denver/Anschutz Medical	2	432,693	51	289,757	40	493,142	189
Public	University of Georgia	2	360,520	61	138,374	82	1,151,904	81
Private	University of Miami	2	355,690	63	194,346	62	948,579	103
Private	University of Rochester	2	344,489	64	265,430	44	2,121,390	44
Public	University of South Carolina - Columbia	2	183,478	104	88,231	109	770,782	129
Public	Florida State University	1	243,327	86	118,294	94	639,371	157
Private	Georgetown University	1	162,734	116	82,819	115	1,661,745	59
Private	Tulane University	1	153,298	117	89,028	108	1,288,374	71
Public	U.S. Air Force Academy	1	50,659	191	44,567	155	123,000	463
Public	University of California - Riverside	1	147,268	123	69,924	125	226,990	299
Public	University of Illinois - Chicago	1	314,365	74	175,302	69	321,559	246
Public	University of Massachusetts - Amherst	1	193,863	102	97,576	103	323,759	244
Public	University of Missouri - Columbia	1	238,605	87	105,125	99	970,162	100
Public	University of Oklahoma - Norman	1	130,746	132	72,153	123	1,104,778	87
Public	University of Oregon	1	68,631	170	55,137	140	828,459	119
Public	University of South Florida - Tampa	1	447,812	46	210,823	57	442,033	202
Public	University of Tennessee - Knoxville	1	246,376	85	125,528	85	659,489	149
Public	University of Utah	1	322,670	71	224,270	53	1,127,686	84

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 National Rank	2017 National Academy Members	2017 National Rank	2017 Faculty Awards	2017 National Rank	2017 Doctorates Granted	2017 National Rank	2016 Post Docs	2016 National Rank	2016 Median SAT	2016 National Rank
199,928	39	15	64	13	44	552	27	522	36	1275	135
219,929	36	30	41	12	48	442	41	451	43		
157,478	50	19	61	13	44	509	33	328	58	1320	95
276,434	27	15	64	20	28	485	37	404	47	1175	391
147,125	56	22	56	19	32	540	29	485	41	1340	83
97,056	92	31	39	22	27	403	45	338	53	1195	278
137,193	61	20	60	7	87	464	38	345	51	1240	180
122,042	65	14	66	17	37	516	32	214	88	1210	233
175,453	46	10	75	11	54	374	50	308	59	1220	209
81,250	108	8	86	2	187	126	144	247	76	1200	239
178,660	43	14	66	4	125	132	138	332	57	1075	709
163,545	48	8	86	10	60	543	28	260	72	1240	180
221,706	35	12	71	10	60	209	101	268	68	1400	49
97,233	91	22	56	9	69	249	88	249	74		
174,208	47	1	161	12	48	317	64	130	112	1305	110
77,268	112	8	86	10	60	398	46	218	86	1290	118
143,251	58	10	75	8	78	124	148	104	123	1420	39
86,033	100	2	137	5	113	146	130	128	114	1415	42
14,042	348	0	228	1	270	0	642	0	358	1400	49
25,586	227	8	86	17	37	268	80	215	87	1065	770
56,597	131	6	100	12	48	370	51	229	81	1180	351
63,084	124	8	86	13	44	307	69	132	110	1230	200
119,526	71	9	82	7	87	500	36	219	84	1260	155
260,220	30	1	161	2	187	213	99	134	109	1260	155
177,447	44	10	75	7	87	200	105	66	148	1100	678
52,986	136	10	75	10	60	332	60	272	67	1160	406
98,124	89	6	100	8	78	381	48	132	110	1290	118
153,527	52	23	52	7	87	339	57	504	40	1180	351

## 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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Private	Columbia University	9	0	793,710	8	585,578	4	9,996,596	8
Private	Duke University	9	0	1,044,046	3	574,738	5	7,911,175	10
Private	Harvard University	9	0	1,011,950	5	549,539	6	36,021,516	1
Private	Johns Hopkins University	9	0	2,425,199	1	2,100,097	1	3,844,918	20
Private	Massachusetts Institute of Technology	9	0	880,111	6	501,702	7	14,967,983	5
Private	Northwestern University	9	0	684,767	11	424,638	10	10,436,692	7
Private	Stanford University	9	0	1,012,351	4	668,578	2	24,784,943	3
Private	University of Chicago	9	0	402,491	19	293,557	17	7,523,720	12
Private	University of Pennsylvania	9	0	1,140,833	2	638,336	3	12,213,202	6
Private	Vanderbilt University	9	0	612,351	13	395,505	12	4,136,465	18
Private	Washington University in St. Louis	9	0	726,622	10	436,229	9	7,860,774	11
Private	Yale University	9	0	865,970	7	494,504	8	27,176,100	2
Private	California Institute of Technology	8	1	356,204	23	260,489	21	2,606,505	22
Private	Cornell University	8	1	588,513	15	280,461	18	5,298,076	15
Private	Emory University	8	1	597,971	14	360,197	13	6,905,465	13
Private	University of Southern California	8	1	662,029	12	396,197	11	5,128,459	16
Private	New York University	8	0	751,393	9	332,483	15	3,991,638	19
Private	Princeton University	7	2	285,733	29	161,562	28	23,812,241	4
Private	Boston University	6	2	379,117	20	250,523	22	1,957,021	31
Private	Brown University	5	4	235,373	30	131,751	33	3,245,531	21
Private	Carnegie Mellon University	4	5	304,383	28	190,620	26	2,154,098	28
Private	Case Western Reserve University	4	5	403,827	18	320,402	16	1,798,790	35
Private	University of Notre Dame	4	5	175,187	36	85,870	38	9,352,376	9
Private	University of Miami	4	4	355,690	24	194,346	25	948,579	62
Private	Rice University	3	6	151,855	40	82,643	40	5,814,444	14
Private	University of Rochester	3	5	344,489	25	265,430	20	2,121,390	29
Private	Dartmouth College	2	6	224,497	31	138,641	32	4,956,494	17
Private	George Washington University	2	6	214,984	32	138,735	31	1,729,147	38
Private	Northeastern University	2	6	121,574	42	78,668	42	778,948	80
Private	Georgetown University	1	8	162,734	38	82,819	39	1,661,745	40
Private	Tufts University	1	8	181,011	35	124,363	34	1,738,706	37
Private	Yeshiva University	1	3	335,790	26	218,787	24	644,570	100

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank	2016 Median SAT	2016 Control Rank
603,077	8	133	4	31	9	570	8	1,219	5	1500	8
581,051	10	70	10	27	12	685	4	587	17	1475	19
1,283,740	1	401	1	75	1	718	3	5,873	1	1515	6
636,911	5	107	9	28	11	553	9	1,697	3	1485	15
672,939	3	271	3	43	3	622	6	1,503	4	1525	2
344,299	14	45	17	36	7	454	12	813	8	1500	8
1,129,330	2	342	2	62	2	752	2	2,228	2	1480	18
483,470	12	70	10	33	8	395	14	606	14	1525	2
626,485	6	127	5	40	4	589	7	964	7	1475	19
193,581	22	32	20	11	22	337	17	618	13	1520	4
281,491	16	53	15	13	18	288	19	629	12	1500	8
595,886	9	118	7	37	6	375	15	1,169	6	1510	7
235,882	18	114	8	17	16	180	36	601	16	1555	1
621,155	7	63	12	29	10	501	11	444	22	1430	35
218,501	20	33	19	12	20	251	23	641	10	1395	49
668,332	4	46	16	18	15	679	5	449	21	1390	50
567,121	11	58	13	20	14	445	13	647	9	1365	60
303,394	15	125	6	40	4	358	16	522	19	1495	12
157,478	23	19	30	13	18	509	10	328	24	1320	79
241,987	17	23	26	14	17	210	30	305	25	1470	21
155,209	24	44	18	9	27	288	19	220	31	1465	24
113,767	29	22	28	10	24	206	32	261	28	1470	21
451,433	13	4	44	23	13	239	26	152	37	1520	4
221,706	19	12	33	10	24	209	31	268	27	1400	44
98,158	34	24	25	7	34	215	29	208	32	1490	13
97,233	36	22	28	9	27	249	25	249	29		
216,825	21	16	31	9	27	83	65	176	34	1455	26
95,034	37	11	34	10	24	251	23	99	46	1288	100
125,342	27	3	47	12	20	228	27	149	39	1485	15
143,251	25	10	37	8	31	124	44	104	44	1420	38
103,248	31	11	34	8	31	139	40	205	33	1485	15
41,343	68	13	32	3	51	102	52	243	30	1225	143

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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Private	Tulane University	8	153,298	39	89,028	37	1,288,374	46
Private	Drexel University	7	120,789	43	65,193	43	707,650	89
Private	Wake Forest University	7	169,533	37	140,651	30	1,205,323	50
Private	Brandeis University	6	56,871	48	47,708	48	976,887	60
Private	Rensselaer Polytechnic Institute	5	93,907	45	48,887	47	677,231	92
Private	University of Dayton	2	111,363	44	97,635	36	524,186	109

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank	2016 Median SAT	2016 Control Rank
86,033	39	2	55	5	39	146	39	128	41	1415	41
68,965	45	8	38	4	42	227	28	85	48	1190	198
105,164	30	7	39	4	42	64	76	90	47		
99,260	32	11	34	4	42	86	62	105	43	1375	57
46,571	59	7	39	2	64	122	46	70	50	1380	52
37,840	74	0	89	1	92	39	117	15	76	1275	102

## 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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Public	Ohio State University - Columbus	9	0	751,293	13	418,887	12	4,253,459	7
Public	University of California - Berkeley	9	0	734,486	15	338,562	17	4,271,453	6
Public	University of California - Los Angeles	9	0	1,002,013	7	479,718	9	4,356,826	5
Public	University of California - San Diego	9	0	1,079,429	4	602,336	5	1,339,164	24
Public	Univ. of Illinois - Urbana-Champaign	9	0	587,264	20	320,703	19	1,659,338	20
Public	University of Michigan - Ann Arbor	9	0	1,357,228	1	780,080	2	10,936,014	2
Public	University of Minnesota - Twin Cities	9	0	872,514	9	462,570	11	3,493,641	9
Public	Univ. of North Carolina - Chapel Hill	9	0	1,013,128	6	624,131	3	3,027,227	12
Public	University of Wisconsin - Madison	9	0	1,051,311	5	548,247	8	3,101,888	10
Public	University of Florida	8	1	741,945	14	297,267	21	1,612,003	21
Public	University of Washington - Seattle	8	1	1,197,773	3	893,050	1	2,529,250	14
Public	Georgia Institute of Technology	7	2	780,118	12	567,100	7	1,985,802	17
Public	University of Texas - Austin	7	2	565,708	22	340,181	16	11,867,843	1
Public	Texas A&M University - College Station	7	1	859,952	10	281,015	24	10,908,003	3
Public	Michigan State University	6	3	573,204	21	294,369	22	3,075,113	11
Public	University of Pittsburgh - Pittsburgh	6	3	880,508	8	575,281	6	3,945,687	8
Public	Pennsylvania State Univ. - Univ. Park	6	2	704,687	17	463,244	10	2,118,610	16
Public	Purdue University - West Lafayette	5	3	517,879	24	214,373	32	2,424,872	15
Public	Rutgers University - New Brunswick	5	3	610,648	18	318,123	20	985,463	38
Public	University of Arizona	5	3	592,412	19	259,443	25	843,529	44
Public	University of California - Davis	5	3	726,070	16	334,534	18	1,107,701	32
Public	University of Colorado - Boulder	5	3	433,850	33	360,827	13	596,407	59
Public	University of Maryland - College Park	5	3	517,173	25	354,788	14	518,808	69
Public	North Carolina State University	4	5	479,039	27	197,261	37	1,122,899	31
Public	University of Virginia	4	5	367,926	38	198,760	36	6,393,561	4
Public	Indiana University - Bloomington	3	5	471,055	28	216,917	31	1,081,730	35
Public	Arizona State University	3	4	441,411	32	200,280	35	665,488	53
Public	University of California - Irvine	2	5	325,582	42	170,674	45	869,491	43
Public	Virginia Polytechnic Inst. and St. Univ.	2	5	512,333	26	190,975	38	995,807	37
Public	U. of Colorado - Denver/Anschutz Med.	2	3	432,693	34	289,757	23	493,142	74
Public	University of South Carolina - Columbia	2	3	183,478	70	88,231	72	770,782	48
Public	University of Alabama - Birmingham	2	2	531,492	23	346,190	15	475,558	76
Public	University of Georgia	1	8	360,520	39	138,374	50	1,151,904	29
Public	University of Iowa	1	7	447,718	30	236,363	26	1,387,001	22
Public	Iowa State University	1	6	316,822	45	124,242	55	838,871	45
Public	University of Utah	1	6	322,670	44	224,270	30	1,127,686	30
Public	University of California - Santa Barbara	1	4	219,907	64	114,884	61	322,419	97
Public	University of Missouri - Columbia	1	4	238,605	58	105,125	64	970,162	40
Public	University of Delaware	1	2	169,384	75	108,378	63	1,364,057	23
Public	University of Oklahoma - Norman	1	2	130,746	92	72,153	81	1,104,778	33
Public	University of Oregon	1	2	68,631	123	55,137	96	828,459	46
Public	Clemson University	1	1	133,342	89	52,184	98	682,736	52
Public	University of California - Riverside	1	1	147,268	83	69,924	83	226,990	119
Public	U.S. Air Force Academy	1	0	50,659	142	44,567	107	123,000	167
Public	University of Alabama - Huntsville	1	0	91,549	106	68,882	86	75,244	225
Public	Virginia Commonwealth University	1	0	202,150	66	124,962	54	1,843,001	18



# The Top American Research Universities

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank	2016 Median SAT	2016 Control Rank
401,850	6	32	17	20	15	818	5	638	14	1360	7
404,588	5	227	1	44	3	818	5	795	10	1405	5
550,934	2	102	6	30	5	770	7	1,120	4	1315	19
240,076	16	118	3	30	5	531	21	1,319	1	1310	22
198,897	19	55	10	35	4	827	2	512	19	1360	7
456,132	3	118	3	54	1	820	4	1,313	2	1430	1
326,158	7	43	12	26	8	702	11	906	7	1340	12
325,932	8	36	14	24	10	566	17	825	9	1415	2
258,645	15	75	7	27	7	876	1	745	11	1360	7
267,350	13	29	22	17	22	728	10	666	13	1275	34
553,891	1	111	5	49	2	624	15	1,264	3	1245	47
119,142	44	31	19	19	18	508	24	284	39	1410	4
304,294	9	69	8	24	10	827	2	343	29	1275	34
290,458	10	38	13	8	48	761	8	602	16	1190	86
199,928	18	15	33	13	27	552	18	522	18	1275	34
121,564	40	27	23	24	10	416	30	703	12	1285	31
148,864	31	27	23	24	10	695	12	338	30	1195	82
152,638	29	27	23	12	29	746	9	411	24	1195	82
113,555	46	36	14	16	25	636	14	303	37	1230	59
219,929	17	30	21	12	29	442	28	451	23		
163,088	27	47	11	10	37	517	22	837	8	1190	86
134,126	36	32	17	18	20	408	31	939	6	1305	23
115,151	45	24	26	15	26	567	16	479	22	1315	19
147,125	32	22	29	19	18	540	20	485	21	1340	12
268,407	12	23	27	20	15	361	37	346	27	1350	11
276,434	11	15	33	20	15	485	26	404	25	1175	126
179,604	20	22	29	25	9	677	13	251	45	1220	62
97,056	56	31	19	22	14	403	32	338	30	1195	82
122,042	37	14	35	17	22	516	23	214	57	1210	70
178,660	21	14	35	4	84	132	97	332	34	1075	268
174,208	25	1	97	12	29	317	46	130	73	1305	23
81,250	67	8	49	2	124	126	101	247	47	1200	72
163,545	26	8	49	10	37	543	19	260	44	1240	49
137,193	35	20	31	7	54	464	27	345	28	1240	49
175,453	24	10	39	11	33	374	35	308	35	1220	62
153,527	28	23	27	7	54	339	41	504	20	1180	110
145,824	33	56	9	7	54	321	45	297	38	1255	46
119,526	43	9	45	7	54	500	25	219	53	1260	39
43,001	92	8	49	11	33	254	63	137	68	1170	129
260,220	14	1	97	2	124	213	70	134	70	1260	39
177,447	22	10	39	7	54	200	73	66	98	1100	254
85,795	62	2	83	9	43	231	67	86	87	1340	12
25,586	117	8	49	17	22	268	59	215	56	1065	296
14,042	178	0	140	1	179			0	233	1400	6
2,884	337	1	97	2	124	41	178	15	163	1320	17
57,270	80	6	59	6	66	306	52	159	66	1090	260

## 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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Public	University of Kentucky	8	340,295	40	152,708	49	1,285,114	26
Public	University of Cincinnati - Cincinnati	7	401,701	35	229,761	28	1,282,743	27
Public	University of South Florida - Tampa	6	447,812	29	210,823	33	442,033	81
Public	Colorado State University - Fort Collins	5	323,068	43	227,624	29	330,200	94
Public	Stony Brook University	5	227,942	62	118,296	59	290,031	102
Public	University at Buffalo	5	373,308	37	180,095	42	659,156	55
Public	University of Kansas - Lawrence	5	164,291	78	79,916	78	1,248,665	28
Public	Florida State University	4	243,327	57	118,294	60	639,371	57
Public	Louisiana State University - Baton Rouge	4	282,574	50	84,954	75	457,333	78
Public	University of Hawaii - Manoa	4	300,864	49	189,683	39	307,777	100
Public	University of Houston - University Park	4	142,081	85	58,085	94	453,268	79
Public	University of Illinois - Chicago	4	314,365	47	175,302	43	321,559	98
Public	Washington State University - Pullman	4	307,431	48	122,275	57	974,029	39
Public	University of Tennessee - Knoxville	3	246,376	56	125,528	52	659,489	54
Public	Auburn University	2	149,411	82	54,258	97	738,018	49
Public	University of Connecticut - Storrs	2	179,061	73	99,926	66	315,960	99
Public	University of Massachusetts - Amherst	2	193,863	68	97,576	67	323,759	96
Public	University of Nebraska - Lincoln	2	264,485	51	93,532	69	958,039	41
Public	University of New Mexico - Albuquerque	2	227,591	63	153,100	48	423,496	84
Public	Oregon State University	1	252,541	55	156,437	46	549,448	64
Public	Temple University	1	232,379	60	134,132	51	581,960	60
Public	University of California - Santa Cruz	1	146,237	84	93,651	68	191,185	133
Public	University of Louisville	1	164,371	77	69,781	84	719,001	51
Public	Utah State University	1	178,830	74	124,981	53	358,965	91

Support		Faculty				Advanced Training				Undergraduate	
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank	2016 Median SAT	2016 Control Rank
119,920	42	2	83	9	43	326	44	233	50	1240	49
106,272	48	8	49	6	66	233	66	337	32	1240	49
52,986	85	10	39	10	37	332	42	272	41	1160	133
60,531	79	8	49	5	75	223	68	249	46	1240	49
53,224	84	14	35	8	48	317	46	264	42	1260	39
36,919	104	7	58	11	33	343	40	273	40	1170	129
137,330	34	5	62	8	48	310	50	91	85	1260	39
77,268	70	8	49	10	37	398	33	218	55	1290	26
121,572	39	3	74	6	66	315	48	119	77	1240	49
49,665	88	10	39	6	66	190	77	247	47	1080	264
109,231	47	14	35	7	54	358	38	263	43	1145	162
56,597	82	6	59	12	29	370	36	229	51	1180	110
82,555	66	9	45	6	66	315	48	165	65	1048	324
98,124	55	6	59	8	48	381	34	132	71	1290	26
104,418	51	1	97	3	99	289	54	55	104	1290	26
52,458	86	1	97	10	37	328	43	138	67	1230	59
63,084	76	8	49	13	27	307	51	132	71	1230	59
104,678	50	2	83	7	54	299	53	219	53	1220	62
90,227	59	5	62	11	33	195	75	120	76	1110	215
92,755	57	4	70	7	54	276	57	213	58	1115	214
67,339	72	5	62	8	48	274	58	194	60		
38,313	99	10	39	6	66	167	84	136	69	1175	126
90,820	58	1	97	6	66	158	87	97	83	1240	49
38,751	98	0	140	8	48	95	121	47	112	1160	133

## 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	2016 Total Research x \$1000	2016 National Rank	2016 Federal Research x \$1000	2016 National Rank	2017 Endowment Assets x \$1000	2017 National Rank
Public	University of California - San Francisco	5	2	1,294,261	3	602,705	7	2,545,101	35
Public	U. of Texas MD Anderson Cancer Ctr.	2	0	852,095	18	155,044	75	1,317,622	70
Private	Icahn School of Medicine at Mount Sinai	1	2	540,296	39	342,104	29	675,121	145
Private	Rockefeller University	1	1	335,136	67	80,667	117	2,049,344	46
Private	Baylor College of Medicine	0	4	572,527	37	267,849	43	1,166,562	80
Private	Scripps Research Institute	0	3	364,670	60	242,489	48		
Public	U. of Texas SW Medical Center - Dallas	0	3	442,666	48	185,263	66	1,819,970	53
Public	Oregon Health & Science University	0	2	329,414	68	230,608	50	655,992	151
Private	Weill Cornell Medical College	0	2	367,671	59	147,479	78	1,459,674	65
Public	Univ. of Mass. Med. Sch. - Worcester	0	1	253,099	83	181,446	67	204,717	325

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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Private	Weill Cornell Medical College	4	3	367,671	21	147,479	29	1,459,674	44
Private	Baylor College of Medicine	4	2	572,527	16	267,849	19	1,166,562	52
Private	Scripps Research Institute	4	1	364,670	22	242,489	23		
Private	Icahn School of Medicine at Mount Sinai	3	3	540,296	17	342,104	14	675,121	93
Private	Rockefeller University	1	5	335,136	27	80,667	41	2,049,344	30
Private	Cold Spring Harbor Laboratory	0	4	88,943	46	50,478	45		
Private	Medical College of Wisconsin	0	4	199,925	34	108,529	35	875,817	67
Private	Thomas Jefferson University	0	4	122,396	41	58,866	44	539,088	107
Private	Rush University	0	3	73,351	47	50,332	46	595,869	102
Private	Woods Hole Oceanographic Institution	0	3	212,374	33	166,010	27		

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	2016 Total Research x \$1000	2016 Control Rank	2016 Federal Research x \$1000	2016 Control Rank	2017 Endowment Assets x \$1000	2017 Control Rank
Public	University of California - San Francisco	7	0	1,294,261	2	602,705	4	2,545,101	13
Public	Univ. of Texas SW Medical Ctr. - Dallas	3	4	442,666	31	185,263	40	1,819,970	19
Public	Univ. of Texas MD Anderson Cancer Ctr.	3	3	852,095	11	155,044	47	1,317,622	25
Public	Oregon Health & Science University	1	5	329,414	41	230,608	27	655,992	56
Public	University of Maryland - Baltimore	0	4	375,130	36	200,698	34	289,659	103
Public	Univ. of Mass. Med. Sch. - Worcester	0	4	253,099	54	181,446	41	204,717	127
Public	Uniformed Services Univ. of the HS	0	1	256,203	53	175,007	44		
Public	University of Nebraska Medical Center	0	1	150,694	80	76,221	79	254,949	113
Public	University of Texas HSC - Houston	0	1	237,016	59	121,098	58	385,822	87

Support		Faculty				Advanced Training			
2017 Annual Giving x \$1000	2017 National Rank	2017 National Academy Members	2017 National Rank	2017 Faculty Awards	2017 National Rank	2017 Doctorates Granted	2017 National Rank	2016 Post Docs	2016 National Rank
422,172	17	134	5	18	34	138	134	1,037	11
149,750	54	16	62	2	187	0	642	635	25
98,578	87	23	52	5	113	49	260	635	25
18,357	278	54	24	9	69	23	356	275	65
70,927	114	25	49	7	87	99	174	522	36
		29	42	8	78			554	35
121,379	69	36	32	9	69	98	176	564	34
175,675	45	10	75	9	69	49	260	304	61
122,348	64	27	45	11	54	54	243	394	48
6,413	550	8	86	10	60	57	235	359	49

Support		Faculty				Advanced Training			
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank
122,348	28	27	23	11	22	54	88	394	23
70,927	43	25	24	7	34	99	56	522	19
		29	21	8	31			554	18
98,578	33	23	26	5	39	49	96	635	11
18,357	136	54	14	9	27	23	156	275	26
		6	42	2	124			151	38
38,743	71	3	47	0	190	29	146	104	44
52,137	53	3	47	0	190	30	141	130	40
6,375	312	3	47	0	190	13	201	35	58
		2	55	0	190			82	49

Support		Faculty				Advanced Training			
2017 Annual Giving x \$1000	2017 Control Rank	2017 National Academy Members	2017 Control Rank	2017 Faculty Awards	2017 Control Rank	2017 Doctorates Granted	2017 Control Rank	2016 Post Docs	2016 Control Rank
422,172	4	134	2	18	20	138	94	1,037	5
121,379	41	36	14	9	43	98	120	564	17
149,750	30	16	32	2	124	0	286	635	15
175,675	23	10	39	9	43	49	165	304	36
62,651	78	9	45	4	84	88	126	334	33
6,413	242	8	49	10	37	57	153	359	26
		4	70	0	296	0	286	33	130
106,010	49	1	97	1	179	70	141	121	75
53,566	83	5	62	4	84	132	97	243	49



## 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 2016. 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 and Achievement Scholars. The Source Notes section of this report provides detailed information on each data element. Tables in this section include the following:

- **Total Research Expenditures** (2012-2016)
- **Federal Research Expenditures** (2012-2016)
- **Research by Major Discipline** (2016)
- **Endowment Assets** (2013-2017)
- **Annual Giving** (2013-2017)
- **National Academy Membership** (2013-2017)
- **Faculty Awards** (2013-2017)
- **Doctorates Awarded** (2013-2017)
- **Postdoctoral Appointees** (2012-2016)
- **SAT Scores** (2012-2016)
- **National Merit and Achievement Scholars** (2013-2017)
- **Change: Research** presents trend data on total, federal, and non-federal research (2007 and 2016) in constant dollars.
- **Change: Private Support and Doctorates** provides trend data on endowment assets (2008 and 2017) and annual giving (2008 and 2017) in constant dollars, and doctorates awarded (2008 and 2017).
- **Change: Students** includes trend data on median SAT scores (2007 and 2016), National Merit and Achievement Scholars (2008 and 2017), and student headcount enrollment (2007 and 2016).
- **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., 2013-2017 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

<b>Total Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank
Public	Arizona State University	441,411	49	32	403,708	51	34
Public	Auburn University	149,411	122	82	132,970	124	84
Public	Augusta University	71,338	164	117	67,736	165	117
Private	Baylor College of Medicine	572,527	37	16	520,220	36	15
Private	Boston University	379,117	55	20	372,267	58	21
Private	Brandeis University	56,871	177	48	68,690	163	48
Private	Brown University	235,373	89	30	286,332	78	28
Private	California Institute of Technology	356,204	62	23	350,833	61	22
Private	Carnegie Mellon University	304,383	76	28	241,829	86	30
Private	Case Western Reserve University	403,827	52	18	400,167	55	19
Public	Clemson University	133,342	129	89	120,858	134	93
Public	Cleveland State University	70,665	165	118	56,683	176	128
Private	Cold Spring Harbor Laboratory	88,943	154	46	84,653	152	46
Public	Colorado State Univ. - Fort Collins	323,068	70	43	308,785	73	47
Private	Columbia University	793,710	19	8	826,010	18	7
Private	Cornell University	588,513	34	15	637,404	28	11
Private	Dartmouth College	224,497	94	31	203,660	98	33
Private	Drexel University	120,789	136	43	122,366	132	41
Private	Duke University	1,044,046	8	3	1,029,193	6	2
Private	Emory University	597,971	32	14	574,472	34	14
Public	Florida International University	133,831	128	88	124,631	131	91
Public	Florida State University	243,327	86	57	237,427	87	57
Public	George Mason University	92,649	150	105	89,845	148	103
Private	George Washington University	214,984	96	32	226,132	90	31
Private	Georgetown University	162,734	116	38	157,308	116	38
Public	Georgia Institute of Technology	780,118	20	12	757,116	20	12
Public	Georgia State University	103,731	144	100	79,813	155	109
Private	Harvard University	1,011,950	11	5	955,246	9	4
Private	Icahn School of Med. at Mount Sinai	540,296	39	17	508,353	40	16
Public	Indiana University - Bloomington	471,055	45	28	451,508	46	29
Public	Iowa State University	316,822	72	45	295,635	76	49
Private	Johns Hopkins University	2,425,199	1	1	2,299,057	1	1
Public	Kansas State University	181,933	105	71	180,082	103	69
Public	Louisiana State Univ. - Baton Rouge	282,574	79	50	274,001	79	51
Private	Massachusetts Inst. of Technology	880,111	14	6	858,917	12	5
Private	Medical College of Wisconsin	199,925	100	34	199,283	99	34
Public	Medical University of South Carolina	260,098	81	52	243,534	83	54
Public	Michigan State University	573,204	36	21	519,994	37	22
Public	Mississippi State University	229,939	91	61	216,817	93	62
Public	Montana State University - Bozeman	102,179	145	101	98,467	142	98
Public	Naval Postgraduate School	54,558	181	133	74,293	161	114
Public	New Jersey Institute of Technology	95,235	148	104	96,386	143	99
Public	New Mexico St. Univ. - Las Cruces	108,935	140	96	127,000	128	88
Private	New York University	751,393	21	9	505,071	41	17
Public	North Carolina State University	479,039	44	27	462,347	45	28
Private	Northeastern University	121,574	135	42	115,664	137	43
Private	Northwestern University	684,767	28	11	627,320	29	12
Public	Ohio State University - Columbus	751,293	22	13	745,238	22	14
Public	Oklahoma State Univ. - Stillwater	150,167	121	81	126,607	129	89



## The Top American Research Universities

2014 Total Research x \$1000	2014 National Rank	2014 Control Rank	2013 Total Research x \$1000	2013 National Rank	2013 Control Rank	2012 Total Research x \$1000	2012 National Rank	2012 Control Rank
380,581	55	36	367,277	59	38	344,611	62	39
140,110	122	83	143,545	120	81	130,222	125	86
64,116	172	124	64,033	175	127	70,526	169	122
496,314	38	15	508,799	35	14	474,700	36	14
353,850	60	22	359,312	61	22	330,247	66	24
67,048	167	48	69,398	168	48	69,489	170	48
291,917	76	28	222,945	90	30	234,906	86	30
358,137	59	21	333,548	64	24	374,075	57	22
250,497	82	30	270,898	77	28	254,992	79	29
417,436	49	18	422,041	47	18	430,246	43	16
116,871	136	94	116,138	133	92	110,493	137	96
61,291	174	126	67,137	173	125	60,481	181	133
76,733	162	47	78,236	161	47	84,072	152	45
300,572	73	47	303,461	71	47	335,336	65	42
844,766	13	5	845,847	13	5	847,809	11	4
580,936	32	13	556,288	32	12	507,012	34	13
204,360	97	33	198,995	96	32	195,251	98	34
124,464	132	41	118,754	132	41	112,390	135	41
1,031,404	6	2	987,393	7	2	1,004,759	7	2
551,556	34	14	493,734	36	15	474,537	37	15
107,487	140	97	92,463	147	105	83,639	154	109
231,390	88	58	224,425	88	59	208,005	94	63
85,493	152	108	82,849	155	111	79,913	160	114
213,334	93	32	192,152	99	34	187,652	99	35
162,983	112	36	170,503	109	36	171,829	106	36
720,248	21	13	726,377	20	12	683,894	23	15
80,955	158	113	79,235	159	113	62,188	178	130
875,964	11	4	910,569	10	3	753,973	16	7
463,429	43	17	428,654	45	17	400,680	51	19
172,380	107	72	173,464	107	72	151,240	117	79
297,293	74	48	259,320	79	50	252,675	80	51
2,227,536	1	1	2,149,770	1	1	2,092,999	1	1
178,304	102	68	177,525	104	69	169,863	107	71
282,462	79	50	276,748	74	48	279,019	75	48
815,008	15	6	833,884	15	6	770,367	15	6
199,713	99	34	201,237	95	31	209,040	93	31
242,594	83	53	245,451	81	52	236,586	83	54
492,501	39	24	479,145	40	25	471,620	38	23
200,251	98	65	197,359	98	65	222,320	89	59
104,646	144	100	103,144	140	98	113,235	134	94
91,400	149	105	89,616	150	107	124,531	129	90
94,371	147	103	97,088	142	100	91,407	149	105
129,124	128	88	136,254	122	83	135,214	123	84
490,614	40	16	435,095	43	16	425,043	45	17
440,392	44	27	413,524	49	31	400,046	52	33
111,779	137	43	111,134	138	42	102,911	140	42
621,504	30	12	612,009	29	10	602,451	28	10
752,836	19	11	743,321	18	10	720,082	17	10
126,543	130	90	134,500	125	86	166,523	108	72

## The Top American Research Universities

<b>Total Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank
Public	Oregon Health & Science University	329,414	68	41	325,268	68	44
Public	Oregon State University	252,541	84	55	242,874	85	56
Public	Penn. State Univ. - Hershey Med. Ctr.	105,298	143	99	91,381	147	102
Public	Pennsylvania State Univ. - Univ. Park	704,687	27	17	683,003	25	17
Private	Princeton University	285,733	78	29	272,379	80	29
Public	Purdue University - West Lafayette	517,879	41	24	498,887	43	26
Private	Rensselaer Polytechnic Institute	93,907	149	45	102,122	141	44
Private	Rice University	151,855	119	40	141,935	120	39
Private	Rockefeller University	335,136	67	27	323,932	69	25
Private	Rush University	73,351	162	47	79,048	156	47
Public	Rutgers University - New Brunswick	610,648	31	18	607,257	32	19
Public	San Diego State University	74,504	161	115	76,131	159	112
Private	Scripps Research Institute	364,670	60	22	384,161	56	20
Private	Stanford University	1,012,351	10	4	969,643	8	3
Public	Stony Brook University	227,942	92	62	219,485	92	61
Public	Temple University	232,379	90	60	210,371	96	64
Public	Texas A&M Univ. - College Station	859,952	17	10	836,250	15	10
Private	Thomas Jefferson University	122,396	134	41	119,631	136	42
Private	Tufts University	181,011	106	35	162,510	113	37
Private	Tulane University	153,298	117	39	140,118	121	40
Public	U.S. Air Force Academy	50,659	191	142	35,157	212	158
Public	Uniformed Services Univ. of the HS	256,203	82	53	361,173	60	39
Public	University at Albany	105,605	142	98	110,284	139	96
Public	University at Buffalo	373,308	57	37	367,133	59	38
Public	University of Alabama - Birmingham	531,492	40	23	509,586	38	23
Public	University of Alabama - Huntsville	91,549	151	106	84,745	151	106
Public	University of Alaska - Fairbanks	141,976	126	86	139,605	122	82
Public	University of Arizona	592,412	33	19	592,874	33	20
Public	Univ. of Arkansas for Med. Sciences	125,378	133	93	132,451	125	85
Public	University of California - Berkeley	734,486	24	15	748,139	21	13
Public	University of California - Davis	726,070	26	16	706,087	23	15
Public	University of California - Irvine	325,582	69	42	313,798	70	45
Public	University of California - Los Angeles	1,002,013	12	7	992,009	7	5
Public	University of California - Riverside	147,268	123	83	136,493	123	83
Public	University of California - San Diego	1,079,429	6	4	1,093,784	5	4
Public	Univ. of California - San Francisco	1,294,261	3	2	1,126,620	3	2
Public	Univ. of California - Santa Barbara	219,907	95	64	213,537	95	63
Public	University of California - Santa Cruz	146,237	124	84	147,518	118	80
Public	University of Central Florida	187,569	103	69	169,770	111	75
Private	University of Chicago	402,491	53	19	402,777	53	18
Public	University of Cincinnati - Cincinnati	401,701	54	35	408,412	50	33
Public	University of Colorado - Boulder	433,850	50	33	403,654	52	35
Public	U. of Colorado - Denv./Anschutz Med.	432,693	51	34	400,515	54	36
Public	Univ. of Connecticut - Health Center	78,897	157	111	80,891	154	108
Public	University of Connecticut - Storrs	179,061	108	73	170,730	109	73
Private	University of Dayton	111,363	138	44	93,319	145	45
Public	University of Delaware	169,384	112	75	167,904	112	76
Public	University of Florida	741,945	23	14	699,750	24	16
Public	University of Georgia	360,520	61	39	330,273	65	42

## The Top American Research Universities

2014 Total Research x \$1000	2014 National Rank	2014 Control Rank	2013 Total Research x \$1000	2013 National Rank	2013 Control Rank	2012 Total Research x \$1000	2012 National Rank	2012 Control Rank
313,112	71	46	307,134	70	46	305,360	70	46
229,456	89	59	231,342	86	57	239,571	81	52
82,793	155	110	82,501	156	112	84,338	151	107
702,912	23	15	742,510	19	11	699,556	19	12
287,730	78	29	264,998	78	29	264,980	77	28
502,457	37	23	528,564	34	21	528,140	33	21
104,844	143	44	92,365	148	43	92,348	147	44
136,419	124	40	128,621	129	40	115,235	133	40
316,368	69	25	298,474	72	25	292,896	71	25
80,551	159	46	81,770	158	46	80,300	159	46
627,076	29	18	474,192	41	26	420,737	47	30
77,474	161	115	69,338	169	121	75,670	165	118
386,231	54	19	399,899	53	19	398,673	53	20
912,244	10	3	900,547	11	4	854,580	10	3
210,301	95	63	224,030	89	60	218,209	91	61
206,556	96	64	207,190	94	64	126,288	128	89
735,273	20	12	708,528	24	16	669,968	24	16
118,378	135	42	89,273	151	44	100,506	144	43
156,411	115	38	154,694	116	38	159,140	112	37
148,784	117	39	151,314	117	39	154,196	114	38
41,539	205	153	49,471	193	144	43,512	205	153
262,489	80	51	164,232	111	75	151,392	116	78
129,434	127	87	135,879	123	84	135,673	122	83
370,083	57	37	371,387	57	36	340,930	63	40
421,475	48	31	434,882	44	28	449,108	39	24
85,994	151	107	96,932	143	101	83,076	157	112
152,352	116	78	118,907	131	91	121,640	130	91
575,864	33	20	616,487	28	19	615,434	27	18
131,438	125	85	133,677	126	87	129,056	127	88
708,485	22	14	690,299	25	17	696,904	20	13
699,689	24	16	715,870	23	15	704,999	18	11
322,315	65	41	329,500	66	42	335,874	64	41
920,183	9	7	934,135	9	7	969,682	8	6
128,506	129	89	126,916	130	90	129,609	126	87
1,060,207	5	4	1,066,979	4	3	1,065,306	4	3
1,084,031	4	3	1,042,841	5	4	1,032,673	5	4
225,614	90	60	225,976	87	58	222,916	88	58
147,536	119	80	145,092	118	79	149,824	118	80
143,063	120	81	108,560	139	97	102,562	141	99
378,322	56	20	389,900	54	20	411,864	49	18
399,571	52	34	414,738	48	30	408,294	50	32
362,882	58	38	369,663	58	37	373,512	58	36
401,230	51	33	400,815	52	34	422,844	46	29
105,047	142	99	102,829	141	99	102,530	142	100
142,332	121	82	133,297	127	88	147,938	119	81
83,409	154	45	82,349	157	45	79,877	161	47
169,641	109	74	170,470	110	74	161,327	111	75
652,341	26	17	642,502	27	18	649,988	26	17
313,445	70	45	308,486	69	45	311,498	68	44

## The Top American Research Universities

<b>Total Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank
Public	University of Hawaii - Manoa	300,864	77	49	313,046	71	46
Public	University of Houston - Univ. Park	142,081	125	85	125,973	130	90
Public	University of Idaho	99,354	146	102	95,459	144	100
Public	University of Illinois - Chicago	314,365	74	47	344,619	63	40
Public	Univ. of Illinois - Urbana-Champaign	587,264	35	20	614,011	31	18
Public	University of Iowa	447,718	47	30	423,528	48	31
Public	University of Kansas - Lawrence	164,291	115	78	172,406	106	72
Public	University of Kentucky	340,295	65	40	325,558	67	43
Public	University of Louisville	164,371	114	77	160,199	115	78
Public	University of Maryland - Baltimore	375,130	56	36	379,465	57	37
Public	Univ. of Maryland - Baltimore County	69,404	167	120	67,944	164	116
Public	University of Maryland - College Park	517,173	42	25	503,368	42	25
Public	Univ. of Massachusetts - Amherst	193,863	102	68	197,183	100	66
Public	U. of Mass. Med. Sch. - Worcester	253,099	83	54	250,338	82	53
Private	University of Miami	355,690	63	24	328,082	66	24
Public	University of Michigan - Ann Arbor	1,357,228	2	1	1,300,340	2	1
Public	University of Minnesota - Twin Cities	872,514	15	9	844,016	14	9
Public	University of Missouri - Columbia	238,605	87	58	243,430	84	55
Public	University of Nebraska - Lincoln	264,485	80	51	260,152	81	52
Public	Univ. of Nebraska Medical Center	150,694	120	80	145,009	119	81
Public	University of Nevada - Reno	90,673	152	107	83,385	153	107
Public	Univ. of New Hampshire - Durham	136,006	127	87	130,700	126	86
Public	Univ. of New Mexico - Albuquerque	227,591	93	63	224,321	91	60
Public	Univ. of North Carolina - Chapel Hill	1,013,128	9	6	939,252	10	6
Public	University of North Dakota	69,145	168	121	63,590	169	121
Private	University of Notre Dame	175,187	110	36	171,148	108	36
Public	University of Oklahoma - HSC	109,493	139	95	105,355	140	97
Public	University of Oklahoma - Norman	130,746	132	92	122,213	133	92
Public	University of Oregon	68,631	170	123	65,226	168	120
Private	University of Pennsylvania	1,140,833	5	2	828,649	17	6
Public	University of Pittsburgh - Pittsburgh	880,508	13	8	852,333	13	8
Public	University of Rhode Island	90,562	153	108	86,139	149	104
Private	University of Rochester	344,489	64	25	344,921	62	23
Public	Univ. of South Carolina - Columbia	183,478	104	70	181,742	102	68
Public	University of South Florida - Tampa	447,812	46	29	420,002	49	32
Private	University of Southern California	662,029	29	12	650,457	27	10
Public	University of Tennessee - Knoxville	246,376	85	56	233,650	89	59
Public	University of Texas - Austin	565,708	38	22	551,654	35	21
Public	University of Texas - El Paso	80,981	156	110	77,515	158	111
Public	University of Texas HSC - Houston	237,016	88	59	234,299	88	58
Public	Univ. of Texas HSC - San Antonio	194,885	101	67	170,277	110	74
Public	U. of Texas MD Anderson Cancer Ctr.	852,095	18	11	833,406	16	11
Public	U. of Texas Med. Branch - Galveston	179,541	107	72	173,506	105	71
Public	U. of Texas SW Medical Ctr. - Dallas	442,666	48	31	438,824	47	30
Public	University of Utah	322,670	71	44	509,409	39	24
Public	University of Vermont	115,606	137	94	114,090	138	95
Public	University of Virginia	367,926	58	38	339,813	64	41
Public	University of Washington - Seattle	1,197,773	4	3	1,101,078	4	3
Public	University of Wisconsin - Madison	1,051,311	7	5	938,366	11	7

## The Top American Research Universities

2014 Total Research x \$1000	2014 National Rank	2014 Control Rank	2013 Total Research x \$1000	2013 National Rank	2013 Control Rank	2012 Total Research x \$1000	2012 National Rank	2012 Control Rank
319,818	67	43	326,402	67	43	312,311	67	43
122,163	133	92	112,469	136	95	105,844	138	97
92,512	148	104	93,941	145	103	95,327	146	103
339,644	63	39	358,797	62	40	381,918	56	35
598,531	31	19	721,587	21	13	558,022	30	19
436,852	45	28	423,097	46	29	432,980	42	27
169,884	108	73	179,848	102	67	172,615	105	70
322,313	66	42	332,366	65	41	354,132	61	38
163,199	111	76	160,338	112	76	165,319	109	73
390,682	53	35	412,387	50	32	414,754	48	31
64,329	170	122	62,887	179	131	65,628	173	125
472,235	42	26	487,345	37	22	498,417	35	22
183,210	100	66	172,217	108	73	178,207	104	69
241,869	84	54	245,923	80	51	256,090	78	50
342,852	62	24	338,568	63	23	361,772	60	23
1,279,603	2	1	1,304,074	2	1	1,247,680	2	1
850,880	12	8	834,181	14	9	806,832	14	9
233,613	87	57	232,760	85	56	234,975	85	56
254,879	81	52	245,170	82	53	238,471	82	53
139,126	123	84	137,485	121	82	141,619	121	82
81,028	157	112	85,085	154	110	83,137	155	110
130,951	126	86	134,535	124	85	152,276	115	77
221,817	91	61	220,840	91	61	216,218	92	62
955,601	8	6	942,467	8	6	864,748	9	7
67,199	166	119	68,636	170	122	79,792	162	115
160,461	113	37	156,234	115	37	143,328	120	39
106,782	141	98	91,838	149	106	101,648	143	101
120,322	134	93	129,078	128	89	115,529	132	93
77,655	160	114	78,654	160	114	87,656	150	106
792,314	17	7	790,265	16	7	813,210	13	5
835,838	14	9	846,556	12	8	839,793	12	8
84,393	153	109	94,381	144	102	97,845	145	102
347,161	61	23	382,399	55	21	388,401	55	21
181,363	101	67	178,800	103	68	186,559	100	65
436,578	46	29	410,092	51	33	394,694	54	34
650,506	27	10	610,382	30	11	593,003	29	11
237,642	85	55	243,151	83	54	234,188	87	57
526,173	35	21	572,959	31	20	549,312	31	20
70,475	164	117	73,005	164	117	72,033	167	120
233,737	86	56	233,256	84	55	236,250	84	55
172,716	106	71	175,983	105	70	184,298	101	66
794,980	16	10	718,096	22	14	685,814	22	14
178,014	103	69	180,198	101	66	180,888	102	67
434,627	47	30	440,620	42	27	435,085	41	26
476,017	41	25	486,245	39	24	425,558	44	28
109,343	139	96	115,054	134	93	115,569	131	92
337,732	64	40	366,103	60	39	363,569	59	37
1,091,135	3	2	1,111,508	3	2	1,065,414	3	2
984,830	7	5	997,523	6	5	1,030,605	6	5

Total Research							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2016 National Rank	2016 Control Rank	2015 Total Research x \$1000	2015 National Rank	2015 Control Rank
Public	University of Wyoming	108,552	141	97	54,928	179	131
Public	Utah State University	178,830	109	74	173,848	104	70
Private	Vanderbilt University	612,351	30	13	619,866	30	13
Public	Virginia Commonwealth University	202,150	99	66	196,412	101	67
Public	Virginia Polytechnic Inst. and St. U.	512,333	43	26	495,502	44	27
Private	Wake Forest University	169,533	111	37	171,538	107	35
Public	Washington State Univ. - Pullman	307,431	75	48	306,989	74	48
Private	Washington University in St. Louis	726,622	25	10	680,150	26	9
Public	Wayne State University	214,306	97	65	207,830	97	65
Private	Weill Cornell Medical College	367,671	59	21	309,015	72	26
Public	West Virginia University	164,501	113	76	160,560	114	77
Private	Woods Hole Oceanographic Inst.	212,374	98	33	216,592	94	32
Private	Yale University	865,970	16	7	792,953	19	8
Private	Yeshiva University	335,790	66	26	306,174	75	27

2014 Total Research x \$1000	2014 National Rank	2014 Control Rank	2013 Total Research x \$1000	2013 National Rank	2013 Control Rank	2012 Total Research x \$1000	2012 National Rank	2012 Control Rank
48,736	192	143	63,149	177	129	63,812	176	128
167,256	110	75	156,774	114	78	155,305	113	76
659,418	25	9	548,086	33	13	533,878	32	12
177,540	104	70	175,880	106	71	179,310	103	68
502,486	36	22	487,121	38	23	448,054	40	25
176,380	105	35	182,721	100	35	203,730	97	33
287,942	77	49	273,037	75	49	288,693	74	47
646,756	28	11	665,484	26	9	689,035	21	8
213,253	94	62	217,984	92	62	221,666	90	60
293,791	75	27	284,936	73	26	292,782	72	26
156,946	114	77	159,865	113	77	161,961	110	74
220,016	92	31	198,232	97	33	204,352	96	32
764,002	18	8	787,609	17	8	654,824	25	9
306,826	72	26	271,166	76	27	289,027	73	27

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank
Public	Arizona State University	200,280	59	35	186,890	65	40
Public	Auburn University	54,258	141	97	47,939	149	102
Public	Augusta University	50,294	149	103	50,585	144	98
Private	Baylor College of Medicine	267,849	43	19	256,895	48	22
Private	Boston University	250,523	47	22	256,562	49	23
Private	Brandeis University	47,708	154	48	46,764	152	48
Private	Brown University	131,751	84	33	127,886	83	33
Private	California Institute of Technology	260,489	45	21	269,156	44	20
Private	Carnegie Mellon University	190,620	64	26	187,259	64	25
Private	Case Western Reserve University	320,402	35	16	307,960	36	16
Public	Clemson University	52,184	142	98	45,292	153	105
Public	Cleveland State University	49,659	151	105	41,721	157	109
Private	Cold Spring Harbor Laboratory	50,478	147	45	49,063	148	47
Public	Colorado State Univ. - Fort Collins	227,624	52	29	213,685	54	31
Private	Columbia University	585,578	9	4	577,833	7	4
Private	Cornell University	280,461	42	18	277,163	41	18
Private	Dartmouth College	138,641	81	32	145,807	79	31
Private	Drexel University	65,193	131	43	67,226	127	43
Private	Duke University	574,738	11	5	558,566	9	5
Private	Emory University	360,197	26	13	346,534	25	13
Public	Florida International University	68,539	129	87	67,293	126	84
Public	Florida State University	118,294	94	60	133,569	82	50
Public	George Mason University	50,687	144	100	54,113	140	95
Private	George Washington University	138,735	80	31	135,667	81	32
Private	Georgetown University	82,819	115	39	87,268	105	36
Public	Georgia Institute of Technology	567,100	12	7	548,063	11	6
Public	Georgia State University	40,897	161	113	36,843	164	115
Private	Harvard University	549,539	13	6	530,382	13	6
Private	Icahn School of Med. at Mount Sinai	342,104	29	14	329,641	31	14
Public	Indiana University - Bloomington	216,917	55	31	206,263	57	34
Public	Iowa State University	124,242	89	55	113,443	95	61
Private	Johns Hopkins University	2,100,097	1	1	1,988,993	1	1
Public	Kansas State University	67,863	130	88	66,632	128	85
Public	Louisiana State Univ. - Baton Rouge	84,954	113	75	82,276	113	75
Private	Massachusetts Inst. of Technology	501,702	15	7	486,650	15	7
Private	Medical College of Wisconsin	108,529	97	35	109,542	96	35
Public	Medical University of South Carolina	124,212	90	56	117,255	91	57
Public	Michigan State University	294,369	38	22	256,228	50	27
Public	Mississippi State University	86,570	111	74	79,181	116	77
Public	Montana State University - Bozeman	61,490	135	92	62,827	132	89
Public	Naval Postgraduate School	50,560	146	102	71,987	123	81
Public	New Jersey Institute of Technology	63,322	132	89	50,554	145	99
Public	New Mexico State Univ. - Las Cruces	61,494	134	91	78,253	120	80
Private	New York University	332,483	33	15	326,691	32	15
Public	North Carolina State University	197,261	61	37	196,058	60	37
Private	Northeastern University	78,668	120	42	78,379	119	40
Private	Northwestern University	424,638	21	10	385,868	24	12
Public	Ohio State University - Columbus	418,887	22	12	406,941	22	12
Public	Oklahoma State University - Stillwater	41,186	160	112	38,498	160	112



## The Top American Research Universities

2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank	2013 Federal Research x \$1000	2013 National Rank	2013 Control Rank	2012 Federal Research x \$1000	2012 National Rank	2012 Control Rank
186,126	65	39	190,066	67	41	182,188	68	42
49,739	149	103	56,809	144	99	55,118	149	103
47,771	151	105	47,913	154	108	55,106	150	104
264,641	47	22	285,230	43	19	268,753	47	23
254,285	48	23	265,476	48	23	273,204	44	21
45,800	153	47	43,963	160	47	44,061	162	47
125,005	84	33	120,977	87	32	127,665	85	32
276,447	42	19	272,223	46	22	322,295	34	16
198,247	61	25	215,560	57	24	209,307	60	25
328,548	29	14	347,628	28	14	358,722	26	14
44,673	155	108	47,825	155	109	48,182	157	111
44,139	156	109	50,002	152	106	46,205	159	113
41,845	158	48	41,002	163	48	43,874	163	48
206,958	56	33	213,355	58	34	245,573	53	30
591,523	8	4	619,557	7	4	631,961	6	3
299,320	36	17	299,951	35	16	298,596	41	20
145,080	76	30	154,917	75	30	147,218	79	31
75,557	122	41	74,047	125	42	85,584	119	38
556,847	10	5	580,416	10	5	585,636	10	5
329,254	27	13	364,136	26	13	360,934	25	13
68,946	126	84	57,858	139	95	54,204	153	107
140,995	79	49	132,583	81	50	131,998	84	53
53,775	143	98	57,154	141	97	57,504	145	99
139,148	82	32	119,441	92	33	111,068	97	36
99,567	103	36	113,703	99	35	113,229	95	35
510,422	14	8	520,754	14	8	482,349	16	9
29,470	182	131	28,216	191	138	27,251	197	144
554,944	11	6	575,868	11	6	574,346	11	6
300,667	35	16	277,517	45	21	271,722	45	22
80,109	117	79	82,005	120	82	72,501	133	91
115,285	91	58	120,934	88	56	117,144	94	60
1,936,953	1	1	1,881,959	1	1	1,845,845	1	1
64,565	129	87	67,524	132	90	73,247	131	89
93,584	105	68	93,281	109	72	91,238	114	77
480,991	16	7	487,647	19	8	478,955	18	8
111,241	98	35	116,765	96	34	125,325	87	33
118,649	90	57	127,472	84	53	136,907	81	50
247,970	49	26	246,131	52	29	250,416	52	29
70,615	125	83	73,834	126	84	96,132	111	74
66,770	128	86	66,451	133	91	78,409	125	85
89,284	109	72	86,538	115	78	120,209	91	58
51,853	146	100	55,017	147	101	57,513	143	98
80,247	116	78	86,546	114	77	90,338	115	78
314,712	31	15	283,382	44	20	300,271	40	19
177,722	70	44	174,440	70	44	171,464	72	44
77,401	120	40	82,587	119	38	75,733	129	42
385,888	24	12	389,757	25	12	385,377	24	12
416,177	21	12	425,547	22	13	416,304	23	12
36,687	163	115	44,200	159	113	85,876	118	81

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank
Public	Oregon Health & Science University	230,608	50	27	243,876	52	29
Public	Oregon State University	156,437	74	46	150,625	77	48
Public	Penn. St. Univ. - Hershey Med. Ctr.	69,425	127	85	59,933	135	92
Public	Pennsylvania State Univ. - Univ. Park	463,244	18	10	447,956	19	11
Private	Princeton University	161,562	73	28	157,867	75	29
Public	Purdue University - West Lafayette	214,373	56	32	209,005	56	33
Private	Rensselaer Polytechnic Institute	48,887	153	47	59,417	136	44
Private	Rice University	82,643	116	40	73,817	122	42
Private	Rockefeller University	80,667	117	41	81,949	114	39
Private	Rush University	50,332	148	46	52,193	142	46
Public	Rutgers University - New Brunswick	318,123	36	20	320,311	35	20
Public	San Diego State University	42,062	158	110	43,526	154	106
Private	Scripps Research Institute	242,489	48	23	274,097	42	19
Private	Stanford University	668,578	4	2	645,633	4	2
Public	Stony Brook University	118,296	93	59	115,031	93	59
Public	Temple University	134,132	83	51	119,945	89	55
Public	Texas A&M Univ. - College Station	281,015	41	24	291,714	38	22
Private	Thomas Jefferson University	58,866	136	44	58,536	137	45
Private	Tufts University	124,363	88	34	120,181	88	34
Private	Tulane University	89,028	108	37	84,143	109	37
Public	U.S. Air Force Academy	44,567	155	107	29,417	176	126
Public	Uniformed Services Univ. of the HS	175,007	70	44	299,007	37	21
Public	University at Albany	74,092	122	80	78,824	118	79
Public	University at Buffalo	180,095	68	42	174,146	70	44
Public	University of Alabama - Birmingham	346,190	28	15	325,008	33	18
Public	University of Alabama - Huntsville	68,882	128	86	66,564	130	87
Public	University of Alaska - Fairbanks	87,829	110	73	78,985	117	78
Public	University of Arizona	259,443	46	25	265,878	46	26
Public	Univ. of Arkansas for Med. Sciences	48,999	152	106	50,603	143	97
Public	University of California - Berkeley	338,562	31	17	342,042	26	13
Public	University of California - Davis	334,534	32	18	322,919	34	19
Public	University of California - Irvine	170,674	71	45	170,622	72	45
Public	University of California - Los Angeles	479,718	17	9	482,771	16	9
Public	University of California - Riverside	69,924	125	83	62,642	133	90
Public	University of California - San Diego	602,336	8	5	601,184	5	3
Public	Univ. of California - San Francisco	602,705	7	4	535,457	12	7
Public	Univ. of California - Santa Barbara	114,884	95	61	114,596	94	60
Public	University of California - Santa Cruz	93,651	104	68	91,249	104	69
Public	University of Central Florida	80,365	118	77	81,788	115	76
Private	University of Chicago	293,557	39	17	290,776	39	17
Public	University of Cincinnati - Cincinnati	229,761	51	28	250,457	51	28
Public	University of Colorado - Boulder	360,827	25	13	341,828	27	14
Public	U. of Colorado - Denv./Anschutz Med.	289,757	40	23	266,147	45	25
Public	University of Connecticut - HC	44,029	156	108	43,512	155	107
Public	University of Connecticut - Storrs	99,926	101	66	91,837	103	68
Private	University of Dayton	97,635	102	36	74,548	121	41
Public	University of Delaware	108,378	98	63	109,258	97	62
Public	University of Florida	297,267	37	21	281,317	40	23
Public	University of Georgia	138,374	82	50	127,825	84	51

## The Top American Research Universities

2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank	2013 Federal Research x \$1000	2013 National Rank	2013 Control Rank	2012 Federal Research x \$1000	2012 National Rank	2012 Control Rank
246,050	50	27	244,867	53	30	242,219	55	32
143,815	77	47	148,174	78	48	155,667	78	48
54,404	142	97	55,619	146	100	56,615	146	100
461,896	18	10	500,567	16	9	469,597	19	11
163,805	72	28	156,070	73	29	160,985	75	30
227,857	53	30	258,596	49	26	255,691	51	28
58,940	136	44	60,765	137	44	62,063	139	45
73,782	124	42	79,742	123	40	76,431	128	41
81,820	114	38	80,384	122	39	84,616	121	39
53,501	144	46	57,063	142	45	57,512	144	46
355,116	25	13	288,374	40	22	273,498	43	23
44,807	154	107	45,175	157	111	51,690	155	109
292,268	37	18	308,628	33	15	309,471	36	17
608,342	4	2	625,144	5	2	607,578	8	4
111,386	97	63	118,432	94	61	123,198	89	56
118,892	89	56	124,764	85	54	85,062	120	82
266,877	45	25	270,334	47	25	259,506	50	27
54,676	141	45	56,247	145	46	68,976	136	43
115,046	92	34	112,495	100	36	120,042	93	34
94,287	104	37	97,873	107	37	101,130	108	37
32,284	171	122	42,303	161	114	36,316	172	123
213,389	55	32	119,647	91	59	110,276	101	65
104,861	99	64	113,736	98	64	112,161	96	61
185,144	66	40	200,212	62	37	186,747	67	41
276,112	44	24	286,873	41	23	303,677	39	21
73,913	123	82	83,396	118	81	75,715	130	88
83,483	113	76	92,602	111	74	97,472	110	73
286,595	38	20	334,680	31	17	328,369	33	18
55,556	139	95	64,856	135	92	69,883	135	93
309,305	33	18	305,932	34	19	333,179	30	16
327,697	30	16	344,632	29	15	356,540	27	13
180,431	69	43	196,256	65	40	204,062	62	37
458,157	19	11	489,820	17	10	527,899	14	8
56,327	137	93	57,032	143	98	61,304	141	96
597,270	7	4	630,009	4	3	653,549	5	3
544,697	12	6	566,117	12	6	559,329	12	6
119,816	87	54	131,392	82	51	134,984	82	51
89,206	110	73	88,600	112	75	91,409	113	76
64,323	130	88	68,691	131	89	72,620	132	90
276,237	43	20	294,862	38	18	329,119	31	15
243,705	51	28	256,816	50	27	266,507	48	25
302,877	34	19	309,072	32	18	319,019	35	19
277,209	41	23	290,443	39	21	308,023	37	20
59,277	135	92	59,929	138	94	61,568	140	95
80,317	115	77	86,471	116	79	88,834	116	79
63,881	131	43	66,396	134	43	64,369	138	44
111,933	96	62	114,048	97	63	110,760	98	62
279,920	40	22	285,778	42	24	295,745	42	22
122,145	85	52	127,487	83	52	133,525	83	52

## The Top American Research Universities

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank
Public	University of Hawaii - Manoa	189,683	65	39	199,818	58	35
Public	University of Houston - Univ. Park	58,085	138	94	54,516	139	94
Public	University of Idaho	50,083	150	104	49,591	147	101
Public	University of Illinois - Chicago	175,302	69	43	192,930	61	38
Public	Univ. of Illinois - Urbana-Champaign	320,703	34	19	330,479	30	17
Public	University of Iowa	236,363	49	26	223,730	53	30
Public	University of Kansas - Lawrence	79,916	119	78	85,862	107	71
Public	University of Kentucky	152,708	77	49	145,097	80	49
Public	University of Louisville	69,781	126	84	66,100	131	88
Public	University of Maryland - Baltimore	200,698	58	34	211,773	55	32
Public	Univ. of Maryland - Baltimore County	50,645	145	101	47,591	150	103
Public	University of Maryland - College Park	354,788	27	14	332,079	28	15
Public	Univ. of Massachusetts - Amherst	97,576	103	67	97,206	101	66
Public	Univ. of Mass. Med. Sch. - Worcester	181,446	67	41	183,588	68	43
Private	University of Miami	194,346	62	25	192,691	62	24
Public	University of Michigan - Ann Arbor	780,080	3	2	728,712	3	2
Public	University of Minnesota - Twin Cities	462,570	19	11	468,482	18	10
Public	University of Missouri - Columbia	105,125	99	64	102,852	99	64
Public	University of Nebraska - Lincoln	93,532	105	69	94,763	102	67
Public	University of Nebraska Medical Ctr.	76,221	121	79	71,918	124	82
Public	University of Nevada - Reno	51,630	143	99	49,977	146	100
Public	Univ. of New Hampshire - Durham	89,457	107	71	83,106	111	74
Public	Univ. of New Mexico - Albuquerque	153,100	76	48	151,619	76	47
Public	Univ. of North Carolina - Chapel Hill	624,131	6	3	577,574	8	4
Public	University of North Dakota	42,253	157	109	37,457	163	114
Private	University of Notre Dame	85,870	112	38	82,615	112	38
Public	University of Oklahoma - HSC	56,107	139	95	53,398	141	96
Public	University of Oklahoma - Norman	72,153	123	81	69,520	125	83
Public	University of Oregon	55,137	140	96	56,448	138	93
Private	University of Pennsylvania	638,336	5	3	597,791	6	3
Public	University of Pittsburgh - Pittsburgh	575,281	10	6	554,658	10	5
Public	University of Rhode Island	58,438	137	93	61,085	134	91
Private	University of Rochester	265,430	44	20	261,023	47	21
Public	Univ. of South Carolina - Columbia	88,231	109	72	84,723	108	72
Public	University of South Florida - Tampa	210,823	57	33	196,215	59	36
Private	University of Southern California	396,197	23	11	408,105	21	10
Public	University of Tennessee - Knoxville	125,528	85	52	116,928	92	58
Public	University of Texas - Austin	340,181	30	16	331,388	29	16
Public	University of Texas - El Paso	41,384	159	111	40,334	158	110
Public	University of Texas HSC - Houston	121,098	92	58	125,890	85	52
Public	Univ. of Texas HSC - San Antonio	89,742	106	70	85,940	106	70
Public	U. of Texas MD Anderson Cancer Ctr.	155,044	75	47	161,171	74	46
Public	U. of Texas Med. Branch - Galveston	100,464	100	65	98,050	100	65
Public	U. of Texas SW Medical Ctr. - Dallas	185,263	66	40	183,787	67	42
Public	University of Utah	224,270	53	30	270,311	43	24
Public	University of Vermont	83,124	114	76	83,733	110	73
Public	University of Virginia	198,760	60	36	186,676	66	41
Public	University of Washington - Seattle	893,050	2	1	851,573	2	1
Public	University of Wisconsin - Madison	548,247	14	8	506,910	14	8

## The Top American Research Universities

2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank	2013 Federal Research x \$1000	2013 National Rank	2013 Control Rank	2012 Federal Research x \$1000	2012 National Rank	2012 Control Rank
202,574	59	35	225,263	55	32	193,722	66	40
55,574	138	94	57,569	140	96	54,657	151	105
49,423	150	104	52,430	149	103	53,765	154	108
201,646	60	36	219,473	56	33	243,622	54	31
336,172	26	14	459,791	20	12	348,536	28	14
234,122	52	29	252,161	51	28	265,780	49	26
88,725	111	74	99,374	105	69	99,034	109	72
140,450	80	50	148,758	77	47	157,813	77	47
63,258	132	89	72,047	128	86	79,252	124	84
220,700	54	31	237,749	54	31	229,858	56	33
46,993	152	106	44,257	158	112	44,669	161	115
328,828	28	15	341,942	30	16	340,180	29	15
102,682	101	66	103,233	104	68	106,470	105	69
183,582	68	42	189,159	68	42	202,149	63	38
202,818	58	24	204,315	61	25	222,535	58	24
733,779	3	2	802,114	3	2	773,766	3	2
483,542	15	9	489,318	18	11	480,531	17	10
102,784	100	65	108,305	101	65	110,446	100	64
93,190	106	69	96,177	108	71	103,294	107	71
76,195	121	81	80,750	121	83	84,196	122	83
50,904	147	101	53,898	148	102	55,150	148	102
89,640	107	70	92,778	110	73	109,728	103	67
151,082	75	46	155,684	74	45	159,302	76	46
601,933	6	3	614,627	8	4	597,629	9	5
40,191	160	112	46,397	156	110	54,411	152	106
79,192	119	39	79,268	124	41	82,244	123	40
55,133	140	96	50,860	151	105	59,704	142	97
53,223	145	99	68,902	130	88	64,427	137	94
62,824	133	90	61,856	136	93	71,157	134	92
606,115	5	3	623,939	6	3	656,425	4	2
565,409	9	5	601,358	9	5	620,070	7	4
61,836	134	91	70,900	129	87	78,194	126	86
265,686	46	21	298,781	36	17	307,390	38	18
87,844	112	75	87,562	113	76	93,237	112	75
205,155	57	34	207,441	60	36	218,772	59	35
421,887	20	9	423,708	23	10	433,136	20	9
122,120	86	53	122,051	86	55	120,933	90	57
313,955	32	17	352,788	27	14	328,560	32	17
34,528	166	118	37,741	165	117	39,274	167	119
136,145	83	51	144,235	80	49	146,424	80	49
89,303	108	71	99,198	106	70	106,177	106	70
158,986	73	45	182,971	69	43	196,753	65	39
101,761	102	67	108,287	102	66	109,867	102	66
185,137	67	41	198,114	63	38	207,513	61	36
284,125	39	21	297,099	37	20	271,629	46	24
79,727	118	80	85,028	117	80	87,843	117	80
192,907	63	38	212,051	59	35	225,558	57	34
849,713	2	1	869,623	2	1	876,941	2	1
522,251	13	7	533,220	13	7	557,688	13	7

<b>Federal Research</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Federal Research x \$1000	2016 National Rank	2016 Control Rank	2015 Federal Research x \$1000	2015 National Rank	2015 Control Rank
Public	University of Wyoming	63,223	133	90	47,232	151	104
Public	Utah State University	124,981	86	53	119,811	90	56
Private	Vanderbilt University	395,505	24	12	390,701	23	11
Public	Virginia Commonwealth University	124,962	87	54	123,665	86	53
Public	Virginia Polytechnic Inst. and St. U.	190,975	63	38	191,080	63	39
Private	Wake Forest University	140,651	79	30	148,084	78	30
Public	Washington State Univ. - Pullman	122,275	91	57	121,627	87	54
Private	Washington University in St. Louis	436,229	20	9	424,723	20	9
Public	Wayne State University	109,460	96	62	108,221	98	63
Private	Weill Cornell Medical College	147,479	78	29	168,103	73	28
Public	West Virginia University	70,313	124	82	66,608	129	86
Private	Woods Hole Oceanographic Inst.	166,010	72	27	172,995	71	27
Private	Yale University	494,504	16	8	471,381	17	8
Private	Yeshiva University	218,787	54	24	180,791	69	26

2014 Federal Research x \$1000	2014 National Rank	2014 Control Rank	2013 Federal Research x \$1000	2013 National Rank	2013 Control Rank	2012 Federal Research x \$1000	2012 National Rank	2012 Control Rank
39,778	162	114	52,296	150	104	55,663	147	101
114,075	93	59	106,074	103	67	107,054	104	68
408,743	23	11	432,752	21	9	430,445	22	11
119,507	88	55	119,293	93	60	124,836	88	55
198,092	62	37	197,462	64	39	181,371	69	43
153,069	74	29	156,506	72	28	172,779	70	27
112,568	95	61	119,921	90	58	120,146	92	59
410,115	22	10	402,702	24	11	432,434	21	10
112,608	94	60	118,217	95	62	125,965	86	54
139,514	81	31	144,352	79	31	172,428	71	28
67,450	127	85	72,677	127	85	77,981	127	87
177,616	71	27	158,672	71	27	161,115	74	29
475,585	17	8	502,439	15	7	517,072	15	7
186,885	64	26	193,831	66	26	201,397	64	26

## The Top American Research Universities

Research by Major Discipline		2016 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	20.4%	4.4%	10.0%	28.9%	3.8%	1.2%
Public	Auburn University	57.1%	4.3%	1.8%	30.5%	0.9%	0.3%
Public	Augusta University	100.0%	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	68.8%	6.7%	1.9%	15.8%	1.0%	1.1%
Private	Brandeis University	45.4%	15.5%	0.0%	0.0%	2.4%	0.7%
Private	Brown University	44.9%	10.7%	2.9%	13.5%	5.0%	8.0%
Private	California Institute of Technology	18.4%	52.1%	9.0%	16.3%	0.3%	2.8%
Private	Carnegie Mellon University	3.9%	4.9%	0.2%	33.7%	40.6%	2.5%
Private	Case Western Reserve University	85.8%	2.8%	0.2%	9.8%	0.0%	0.1%
Public	Clemson University	35.2%	7.0%	0.0%	48.7%	3.2%	1.7%
Public	Cleveland State University	65.7%	2.3%	0.0%	20.8%	0.0%	1.8%
Private	Cold Spring Harbor Laboratory	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Colorado State University - Fort Collins	65.7%	4.0%	11.8%	12.4%	1.3%	1.0%
Private	Columbia University	71.9%	4.7%	10.6%	8.0%	2.5%	0.4%
Private	Cornell University	52.4%	18.0%	0.8%	15.0%	3.7%	0.5%
Private	Dartmouth College	72.5%	5.1%	0.9%	12.6%	2.5%	0.7%
Private	Drexel University	60.1%	1.8%	0.0%	26.8%	4.5%	0.5%
Private	Duke University	85.1%	1.8%	1.0%	7.2%	0.5%	1.0%
Private	Emory University	93.5%	3.9%	0.2%	0.9%	0.1%	0.4%
Public	Florida International University	29.7%	6.3%	4.8%	22.8%	10.8%	0.7%
Public	Florida State University	15.6%	24.8%	8.2%	19.1%	3.5%	2.0%
Public	George Mason University	20.1%	4.9%	12.9%	11.7%	10.7%	1.5%
Private	George Washington University	71.2%	2.9%	0.3%	7.2%	3.0%	0.7%
Private	Georgetown University	77.9%	3.5%	0.1%	0.0%	1.9%	0.2%
Public	Georgia Institute of Technology	3.1%	5.2%	1.5%	71.6%	14.7%	0.9%
Public	Georgia State University	52.4%	14.7%	0.8%	0.0%	3.2%	1.3%
Private	Harvard University	59.3%	8.2%	3.7%	6.9%	1.1%	1.2%
Private	Icahn School of Medicine at Mount Sinai	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Indiana University - Bloomington	73.0%	6.7%	0.8%	0.7%	4.9%	0.5%
Public	Iowa State University	50.5%	7.6%	0.8%	29.1%	2.3%	4.0%
Private	Johns Hopkins University	37.3%	7.5%	1.4%	42.3%	5.9%	2.3%
Public	Kansas State University	70.0%	5.4%	1.0%	13.5%	1.9%	0.6%
Public	Louisiana State University - Baton Rouge	57.5%	7.7%	11.6%	15.1%	1.4%	0.7%
Private	Massachusetts Institute of Technology	14.2%	15.6%	6.2%	48.6%	8.5%	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	51.1%	28.7%	0.5%	7.9%	2.5%	1.7%
Public	Mississippi State University	50.3%	3.9%	1.0%	22.2%	4.6%	0.5%
Public	Montana State University - Bozeman	47.6%	15.2%	5.7%	21.7%	0.7%	0.8%
Public	Naval Postgraduate School	0.5%	15.6%	12.5%	34.3%	11.5%	5.7%
Public	New Jersey Institute of Technology	7.6%	9.5%	2.7%	65.1%	7.4%	4.1%
Public	New Mexico State University - Las Cruces	37.0%	17.2%	3.1%	38.0%	1.7%	0.2%
Private	New York University	79.7%	2.3%	0.0%	8.0%	2.3%	1.3%
Public	North Carolina State University	47.5%	3.8%	5.1%	30.8%	2.5%	4.9%
Private	Northeastern University	27.1%	14.1%	3.0%	33.1%	11.8%	0.9%
Private	Northwestern University	70.4%	9.8%	0.2%	12.3%	0.3%	0.3%
Public	Ohio State University - Columbus	63.1%	4.9%	1.4%	19.6%	3.1%	0.8%
Public	Oklahoma State University - Stillwater	60.0%	4.5%	3.1%	24.9%	0.6%	1.5%



# The Top American Research Universities

			2016 Federal Research by Major Discipline								
Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
4.1%	16.3%	11.0%	25.7%	5.1%	15.2%	30.1%	4.8%	1.6%	5.8%	8.8%	3.1%
0.3%	2.8%	2.1%	37.4%	6.8%	4.5%	45.3%	0.2%	0.6%	0.5%	3.9%	0.8%
0.0%	0.0%	0.0%	99.9%	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%
3.2%	1.1%	0.4%	71.3%	6.7%	2.1%	13.7%	1.1%	1.1%	3.6%	0.4%	0.1%
4.4%	31.7%	0.0%	47.1%	16.5%	0.0%	0.0%	2.8%	0.6%	5.1%	27.8%	0.0%
2.6%	9.9%	2.6%	52.5%	9.5%	2.1%	12.5%	4.3%	9.0%	4.3%	2.0%	3.7%
0.0%	0.0%	1.2%	17.1%	59.9%	9.2%	10.8%	0.0%	3.0%	0.0%	0.0%	0.0%
3.1%	4.5%	6.7%	4.0%	5.8%	0.3%	30.2%	46.8%	2.6%	4.0%	3.1%	3.2%
0.5%	0.8%	0.0%	86.8%	2.6%	0.2%	9.4%	0.0%	0.2%	0.3%	0.5%	0.0%
0.5%	3.9%	0.0%	22.4%	9.1%	0.0%	57.0%	3.0%	1.1%	0.6%	6.8%	0.0%
0.8%	8.5%	0.0%	77.0%	0.4%	0.0%	21.0%	0.0%	0.4%	0.1%	1.1%	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%
0.9%	2.8%	0.1%	64.3%	3.5%	15.0%	11.2%	1.8%	1.3%	1.0%	1.8%	0.0%
0.5%	1.3%	0.0%	68.5%	5.7%	12.4%	8.9%	2.9%	0.5%	0.6%	0.7%	0.0%
2.2%	7.4%	0.0%	38.6%	29.1%	1.3%	18.6%	5.0%	0.8%	1.7%	4.9%	0.0%
2.1%	2.2%	1.4%	74.1%	5.4%	1.0%	13.7%	2.3%	0.7%	2.0%	0.3%	0.5%
3.8%	2.1%	0.5%	52.9%	2.0%	0.0%	32.4%	5.1%	0.8%	5.3%	1.5%	0.1%
0.7%	2.8%	0.0%	78.8%	2.7%	1.3%	10.8%	0.8%	1.5%	0.9%	3.3%	0.0%
0.6%	0.6%	0.0%	93.3%	3.9%	0.3%	1.0%	0.0%	0.4%	0.7%	0.4%	0.0%
14.1%	7.5%	3.2%	28.9%	6.6%	4.1%	28.8%	13.7%	0.2%	16.8%	0.9%	0.0%
11.2%	8.1%	7.7%	15.1%	24.7%	6.9%	25.0%	2.7%	1.3%	15.0%	3.1%	6.2%
5.1%	33.2%	0.0%	21.1%	7.2%	20.7%	15.9%	17.7%	2.1%	7.6%	7.8%	0.0%
1.5%	11.9%	1.4%	77.9%	3.1%	0.3%	6.0%	2.6%	0.6%	1.6%	5.9%	2.1%
1.1%	15.4%	0.0%	86.5%	4.1%	0.0%	0.0%	2.1%	0.2%	1.2%	6.0%	0.0%
0.8%	1.2%	1.2%	1.9%	4.5%	1.3%	72.9%	16.8%	0.5%	0.6%	0.8%	0.9%
7.9%	19.7%	0.0%	53.6%	25.1%	0.8%	0.0%	4.2%	1.1%	8.1%	7.1%	0.0%
0.8%	9.9%	9.0%	66.9%	9.4%	4.4%	6.4%	1.5%	1.5%	0.7%	2.9%	6.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.6%	7.2%	2.6%	72.9%	7.6%	0.7%	1.4%	8.4%	0.6%	4.5%	3.5%	0.4%
1.0%	2.7%	1.9%	47.0%	8.1%	0.8%	28.9%	2.7%	4.8%	1.2%	3.2%	3.3%
0.2%	0.4%	2.8%	30.6%	8.2%	1.5%	47.0%	6.5%	2.6%	0.2%	0.4%	3.1%
2.4%	0.7%	4.7%	63.6%	11.8%	2.1%	13.0%	2.6%	0.8%	4.4%	1.1%	0.6%
0.3%	1.3%	4.3%	57.7%	13.9%	9.4%	12.6%	1.8%	1.7%	0.4%	1.5%	1.0%
0.3%	3.1%	2.5%	13.6%	22.5%	7.5%	44.8%	8.7%	1.4%	0.2%	0.7%	0.5%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7%	3.6%	2.3%	43.2%	40.5%	0.5%	7.8%	1.8%	1.7%	1.6%	2.5%	0.4%
0.7%	14.6%	2.3%	37.7%	3.7%	1.2%	32.2%	7.8%	0.1%	0.6%	14.8%	1.9%
0.8%	1.0%	6.5%	37.8%	18.4%	7.3%	22.0%	0.9%	1.2%	0.8%	1.3%	10.3%
0.3%	7.4%	12.3%	0.3%	16.4%	12.6%	33.7%	10.1%	6.0%	0.3%	7.5%	13.2%
0.0%	0.6%	3.2%	4.8%	4.5%	4.0%	74.7%	4.4%	2.4%	0.0%	0.8%	4.5%
0.1%	0.3%	2.5%	25.1%	19.4%	2.9%	49.2%	2.7%	0.2%	0.0%	0.1%	0.5%
3.2%	3.2%	0.0%	80.6%	4.5%	0.0%	2.2%	2.9%	2.4%	5.9%	1.5%	0.0%
0.7%	1.5%	3.1%	30.0%	6.7%	7.8%	38.3%	4.6%	6.6%	0.8%	1.3%	4.0%
4.0%	6.1%	0.0%	23.3%	13.2%	2.3%	36.0%	14.9%	1.2%	4.4%	4.8%	0.0%
0.7%	2.5%	3.5%	70.8%	10.5%	0.3%	11.6%	0.4%	0.3%	0.7%	2.1%	3.2%
0.9%	1.7%	4.5%	62.9%	6.9%	1.7%	16.9%	2.5%	1.3%	1.2%	1.8%	4.9%
1.3%	1.0%	3.0%	49.0%	6.4%	2.5%	38.0%	0.3%	0.7%	0.9%	0.5%	1.7%

## The Top American Research Universities

Research by Major Discipline		2016 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 Health & Science University	91.7%	0.0%	1.9%	3.8%	0.0%	0.0%
Public	Oregon State University	50.7%	2.1%	18.1%	17.4%	2.8%	0.5%
Public	Pennsylvania St. Univ. - Hershey Med. Ctr.	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Pennsylvania State University - Univ. Park	22.2%	10.3%	6.0%	40.9%	6.7%	4.8%
Private	Princeton University	23.2%	23.4%	9.1%	20.6%	4.8%	3.6%
Public	Purdue University - West Lafayette	40.0%	6.5%	1.0%	43.1%	3.7%	1.2%
Private	Rensselaer Polytechnic Institute	4.4%	12.7%	2.8%	65.4%	9.7%	1.9%
Private	Rice University	8.8%	21.8%	3.1%	45.5%	7.7%	4.4%
Private	Rockefeller University	94.4%	2.6%	0.2%	0.0%	2.3%	0.5%
Private	Rush University	94.5%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	Rutgers University - New Brunswick	59.8%	7.3%	7.3%	12.1%	1.6%	2.7%
Public	San Diego State University	43.9%	9.8%	4.5%	9.4%	2.6%	4.5%
Private	Scripps Research Institute	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Stanford University	69.2%	9.9%	1.7%	12.4%	2.5%	0.7%
Public	Stony Brook University	40.6%	16.4%	12.5%	11.1%	5.0%	3.6%
Public	Temple University	80.1%	6.3%	0.5%	3.0%	1.9%	0.7%
Public	Texas A&M University - College Station	38.4%	6.5%	13.2%	33.8%	2.4%	1.3%
Private	Thomas Jefferson University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	Tufts University	66.2%	5.2%	0.1%	12.2%	2.1%	1.1%
Private	Tulane University	82.7%	4.1%	1.8%	4.3%	0.2%	1.4%
Public	U.S. Air Force Academy	1.0%	10.3%	0.0%	73.1%	9.1%	1.1%
Public	Uniformed Services University of the HS	92.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University at Albany	69.6%	2.8%	16.2%	0.4%	1.7%	0.1%
Public	University at Buffalo	62.3%	3.6%	0.9%	25.4%	3.6%	0.2%
Public	University of Alabama - Birmingham	88.8%	0.9%	0.4%	8.2%	0.5%	0.2%
Public	University of Alabama - Huntsville	2.2%	10.8%	14.7%	38.4%	30.4%	0.7%
Public	University of Alaska - Fairbanks	18.5%	8.9%	45.6%	14.4%	1.3%	0.2%
Public	University of Arizona	54.5%	21.1%	5.4%	10.6%	1.4%	0.5%
Public	University of Arkansas for Med. Sciences	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Berkeley	29.0%	21.6%	1.4%	25.2%	1.4%	1.0%
Public	University of California - Davis	72.3%	4.4%	3.7%	12.3%	1.2%	0.6%
Public	University of California - Irvine	59.2%	10.9%	3.1%	16.9%	3.9%	1.3%
Public	University of California - Los Angeles	72.4%	6.2%	3.2%	7.9%	1.4%	1.1%
Public	University of California - Riverside	52.7%	12.2%	6.0%	17.7%	4.1%	0.7%
Public	University of California - San Diego	60.3%	6.3%	15.4%	10.6%	2.6%	0.5%
Public	University of California - San Francisco	95.6%	4.4%	0.0%	0.0%	0.0%	0.0%
Public	University of California - Santa Barbara	13.4%	15.5%	14.6%	43.2%	5.3%	0.6%
Public	University of California - Santa Cruz	15.9%	20.6%	14.2%	42.4%	2.2%	0.3%
Public	University of Central Florida	14.7%	16.3%	5.3%	37.0%	10.7%	2.3%
Private	University of Chicago	67.2%	12.2%	1.9%	2.8%	6.7%	1.5%
Public	University of Cincinnati - Cincinnati	84.9%	2.1%	0.4%	8.6%	0.0%	0.5%
Public	University of Colorado - Boulder	6.8%	16.7%	31.9%	30.5%	2.0%	0.5%
Public	Univ. of Colorado - Denver/Anschutz Med.	97.4%	0.2%	0.1%	1.4%	0.1%	0.2%
Public	University of Connecticut - Health Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Connecticut - Storrs	46.6%	8.3%	5.2%	21.8%	2.4%	0.9%
Private	University of Dayton	0.5%	1.7%	0.2%	95.1%	1.8%	0.0%
Public	University of Delaware	35.3%	13.7%	11.1%	23.2%	2.8%	1.1%
Public	University of Florida	75.7%	3.8%	2.1%	12.7%	2.5%	0.2%
Public	University of Georgia	70.4%	3.6%	6.4%	3.1%	1.0%	1.8%

# The Top American Research Universities

			2016 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
1.1%	0.0%	1.6%	91.5%	0.0%	2.4%	3.1%	0.0%	0.0%	1.5%	0.0%	1.6%
0.4%	2.0%	5.9%	38.3%	2.2%	26.0%	18.7%	4.0%	0.5%	0.5%	1.8%	8.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.2%	5.9%	0.0%	15.4%	9.3%	6.0%	46.2%	8.8%	6.4%	3.5%	4.5%	0.0%
1.3%	14.1%	0.0%	23.1%	25.5%	11.0%	26.3%	5.6%	3.4%	1.1%	4.0%	0.0%
0.9%	2.8%	0.9%	32.2%	8.8%	1.4%	45.4%	6.2%	2.1%	1.6%	2.3%	0.0%
2.3%	0.9%	0.0%	4.6%	11.4%	2.4%	61.5%	13.4%	2.4%	4.0%	0.2%	0.0%
1.7%	6.1%	0.7%	9.4%	20.2%	3.3%	46.3%	12.5%	4.1%	2.0%	1.8%	0.3%
0.0%	0.0%	0.0%	94.5%	5.0%	0.3%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
5.5%	0.0%	0.0%	92.1%	0.0%	0.0%	0.0%	0.0%	0.0%	7.9%	0.0%	0.0%
2.9%	5.3%	1.0%	60.7%	8.7%	7.3%	11.3%	2.2%	3.4%	2.7%	3.5%	0.0%
16.8%	6.8%	1.7%	50.0%	4.1%	6.5%	8.2%	2.0%	2.9%	21.4%	4.7%	0.2%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7%	1.8%	0.0%	67.6%	11.5%	1.2%	13.4%	2.7%	1.0%	1.5%	1.0%	0.0%
2.6%	0.8%	7.4%	45.0%	16.8%	10.7%	11.7%	5.9%	4.1%	2.1%	0.5%	3.4%
5.2%	1.4%	1.0%	79.2%	6.4%	0.4%	2.3%	2.4%	0.6%	6.6%	1.6%	0.5%
0.4%	3.3%	0.7%	34.6%	6.3%	30.1%	21.5%	2.5%	2.2%	0.4%	2.2%	0.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5.4%	7.6%	0.0%	63.3%	6.5%	0.1%	13.8%	2.8%	1.5%	3.5%	8.6%	0.0%
0.8%	4.7%	0.0%	87.2%	3.9%	1.9%	3.6%	0.2%	1.5%	0.9%	0.9%	0.0%
0.0%	5.5%	0.0%	0.4%	8.9%	0.0%	77.9%	9.7%	0.0%	0.0%	3.2%	0.0%
7.2%	0.0%	0.0%	93.9%	0.0%	0.0%	0.0%	0.0%	0.0%	6.1%	0.0%	0.0%
0.2%	8.9%	0.0%	71.0%	2.3%	17.1%	0.0%	2.5%	0.2%	0.3%	6.7%	0.0%
1.1%	2.5%	0.4%	59.4%	4.6%	1.2%	27.7%	4.0%	0.3%	1.6%	1.3%	0.0%
1.0%	0.1%	0.0%	87.8%	1.1%	0.3%	8.9%	0.3%	0.3%	1.3%	0.1%	0.0%
0.3%	2.6%	0.0%	0.4%	9.3%	14.2%	35.2%	38.1%	0.1%	0.2%	2.6%	0.0%
0.0%	1.6%	9.6%	16.9%	9.9%	53.9%	6.3%	0.9%	0.3%	0.0%	1.5%	10.3%
0.4%	3.8%	2.2%	49.0%	25.3%	5.8%	12.2%	2.3%	0.7%	0.5%	2.9%	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%
1.9%	6.9%	11.6%	30.8%	30.2%	2.0%	21.0%	0.1%	1.7%	2.0%	2.7%	9.5%
0.4%	4.0%	1.0%	73.9%	5.0%	2.4%	11.0%	2.1%	1.1%	0.4%	4.1%	0.0%
1.2%	3.5%	0.0%	60.5%	13.8%	3.6%	14.1%	3.4%	1.6%	1.3%	1.6%	0.0%
1.8%	4.0%	2.0%	68.1%	9.0%	4.1%	8.7%	1.7%	2.1%	2.6%	1.7%	2.0%
2.5%	2.7%	1.3%	42.0%	21.2%	6.1%	18.0%	6.3%	1.0%	4.0%	1.1%	0.2%
1.8%	1.5%	1.1%	60.2%	7.5%	15.7%	10.3%	2.2%	0.6%	2.2%	1.1%	0.3%
0.0%	0.0%	0.0%	94.7%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.4%	5.1%	0.0%	10.4%	16.7%	11.9%	45.4%	6.6%	0.9%	2.8%	5.3%	0.0%
0.5%	3.0%	1.1%	16.7%	15.1%	11.4%	53.2%	1.6%	0.3%	0.4%	1.1%	0.2%
2.7%	9.3%	1.9%	11.1%	24.6%	6.5%	32.1%	19.0%	0.6%	2.8%	3.3%	0.0%
2.2%	5.6%	0.0%	66.1%	14.0%	2.2%	3.4%	7.6%	1.8%	2.4%	2.4%	0.0%
0.7%	2.6%	0.3%	91.3%	2.4%	0.3%	4.1%	0.0%	0.4%	0.7%	0.9%	0.0%
3.2%	3.0%	5.5%	6.6%	17.9%	37.6%	23.4%	2.0%	0.6%	3.4%	2.2%	6.4%
0.4%	0.3%	0.0%	98.0%	0.2%	0.1%	0.8%	0.1%	0.2%	0.5%	0.1%	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%
10.8%	3.5%	0.5%	46.6%	7.2%	5.9%	22.3%	2.4%	1.0%	11.4%	3.2%	0.0%
0.1%	0.1%	0.6%	0.4%	1.5%	0.2%	97.0%	0.8%	0.0%	0.0%	0.1%	0.1%
3.2%	9.1%	0.6%	29.0%	17.5%	11.1%	26.5%	3.6%	1.5%	3.4%	6.9%	0.6%
0.9%	2.0%	0.1%	69.5%	5.2%	3.1%	17.3%	2.0%	0.3%	1.3%	1.4%	0.0%
4.8%	5.1%	3.8%	76.0%	3.6%	5.4%	3.1%	1.3%	1.5%	6.5%	2.6%	0.1%

## The Top American Research Universities

Research by Major Discipline		2016 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 Hawaii - Manoa	40.1%	9.1%	31.9%	7.0%	5.0%	0.1%
Public	University of Houston - University Park	20.3%	21.1%	3.8%	36.3%	4.2%	1.8%
Public	University of Idaho	65.0%	3.3%	4.8%	14.0%	2.7%	1.0%
Public	University of Illinois - Chicago	77.5%	4.4%	0.1%	6.2%	3.9%	1.7%
Public	University of Illinois - Urbana-Champaign	34.5%	12.2%	1.2%	29.0%	16.1%	0.8%
Public	University of Iowa	77.7%	4.9%	0.4%	10.5%	0.6%	0.2%
Public	University of Kansas - Lawrence	62.1%	6.8%	9.2%	10.4%	2.2%	1.0%
Public	University of Kentucky	73.7%	2.4%	0.8%	14.9%	0.9%	0.2%
Public	University of Louisville	84.4%	1.0%	0.2%	11.5%	0.1%	0.1%
Public	University of Maryland - Baltimore	98.0%	0.0%	0.4%	1.6%	0.0%	0.0%
Public	University of Maryland - Baltimore County	5.4%	20.1%	30.7%	22.0%	2.3%	1.5%
Public	University of Maryland - College Park	24.6%	19.0%	9.8%	24.7%	8.6%	1.1%
Public	University of Massachusetts - Amherst	43.3%	12.0%	2.0%	24.4%	10.6%	1.3%
Public	Univ. of Mass. Med. Sch. - Worcester	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private	University of Miami	73.9%	2.3%	18.2%	1.4%	0.3%	0.1%
Public	University of Michigan - Ann Arbor	57.8%	4.0%	1.0%	21.7%	0.6%	1.4%
Public	University of Minnesota - Twin Cities	70.0%	4.7%	1.6%	13.5%	1.9%	1.1%
Public	University of Missouri - Columbia	74.0%	3.0%	0.5%	17.2%	0.9%	0.8%
Public	University of Nebraska - Lincoln	59.0%	10.1%	1.4%	15.7%	3.3%	2.3%
Public	University of Nebraska Medical Center	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Nevada - Reno	55.0%	7.0%	13.4%	14.1%	3.2%	0.5%
Public	University of New Hampshire - Durham	32.6%	2.8%	40.1%	14.3%	1.6%	0.1%
Public	University of New Mexico - Albuquerque	63.5%	3.7%	2.7%	16.3%	2.5%	0.4%
Public	University of North Carolina - Chapel Hill	75.5%	3.5%	1.8%	2.9%	1.6%	0.4%
Public	University of North Dakota	20.3%	10.0%	10.6%	55.2%	1.0%	0.0%
Private	University of Notre Dame	16.2%	23.6%	0.0%	39.9%	5.3%	2.5%
Public	University of Oklahoma - HSC	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	University of Oklahoma - Norman	23.6%	9.0%	34.3%	19.1%	2.2%	0.2%
Public	University of Oregon	46.7%	16.7%	5.5%	0.0%	7.6%	1.1%
Private	University of Pennsylvania	82.6%	3.5%	0.2%	5.4%	1.5%	0.5%
Public	University of Pittsburgh - Pittsburgh	84.9%	3.3%	1.4%	4.7%	1.1%	0.4%
Public	University of Rhode Island	25.7%	5.4%	48.0%	7.2%	0.7%	0.0%
Private	University of Rochester	67.1%	24.0%	0.6%	3.0%	0.9%	0.2%
Public	University of South Carolina - Columbia	61.5%	7.9%	2.7%	18.1%	0.7%	1.3%
Public	University of South Florida - Tampa	68.4%	2.3%	5.7%	9.5%	1.6%	0.6%
Private	University of Southern California	63.9%	3.1%	2.9%	10.0%	13.3%	0.2%
Public	University of Tennessee - Knoxville	29.1%	7.1%	2.2%	39.8%	7.2%	0.4%
Public	University of Texas - Austin	13.9%	14.8%	12.4%	38.4%	13.9%	1.7%
Public	University of Texas - El Paso	33.8%	10.0%	3.9%	31.3%	6.5%	1.4%
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.	93.0%	1.8%	0.0%	0.0%	0.0%	2.2%
Public	Univ. of Texas Medical Branch - Galveston	98.3%	0.0%	0.0%	1.7%	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	65.1%	6.9%	4.1%	11.9%	8.9%	1.1%
Public	University of Vermont	81.6%	0.9%	0.3%	8.5%	0.5%	0.4%
Public	University of Virginia	66.7%	8.6%	1.3%	13.3%	2.1%	0.3%
Public	University of Washington - Seattle	69.5%	4.6%	9.9%	11.1%	2.0%	0.5%
Public	University of Wisconsin - Madison	62.3%	7.2%	5.2%	14.0%	2.0%	0.7%

# The Top American Research Universities

			2016 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
0.1%	1.0%	5.7%	35.7%	9.2%	32.0%	8.3%	7.6%	0.0%	0.1%	0.7%	6.4%
9.8%	2.7%	0.0%	24.9%	12.3%	1.7%	33.2%	5.6%	2.7%	16.8%	2.8%	0.0%
0.1%	2.0%	7.2%	56.6%	3.6%	5.8%	14.1%	3.8%	1.9%	0.1%	2.7%	11.5%
1.3%	2.9%	2.0%	81.7%	4.9%	0.1%	4.7%	4.1%	1.5%	1.0%	1.7%	0.3%
3.6%	1.8%	0.8%	24.8%	14.7%	2.0%	32.4%	21.0%	1.0%	3.2%	0.9%	0.1%
1.7%	3.0%	0.9%	78.2%	7.7%	0.3%	9.5%	0.7%	0.3%	2.6%	0.8%	0.0%
4.0%	3.2%	1.3%	53.4%	11.3%	12.5%	11.2%	2.6%	1.6%	2.2%	3.4%	1.9%
1.5%	0.5%	5.2%	69.3%	4.0%	0.6%	17.3%	0.8%	0.4%	2.4%	0.6%	4.6%
1.0%	0.7%	1.0%	87.4%	1.6%	0.2%	9.1%	0.3%	0.2%	1.0%	0.3%	0.0%
0.0%	0.0%	0.0%	98.6%	0.0%	0.2%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%
1.8%	14.3%	2.0%	3.8%	24.8%	26.7%	23.5%	1.3%	1.7%	1.7%	14.2%	2.3%
2.5%	7.9%	1.8%	22.0%	21.1%	12.8%	21.4%	9.0%	1.2%	2.9%	7.0%	2.5%
3.6%	2.5%	0.4%	35.5%	17.2%	2.7%	24.5%	12.7%	1.4%	4.2%	1.4%	0.4%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.7%	0.1%	0.0%	69.6%	2.9%	21.7%	1.5%	0.4%	0.1%	3.8%	0.0%	0.0%
1.6%	11.8%	0.2%	55.1%	4.4%	0.9%	25.7%	0.4%	0.9%	1.4%	11.1%	0.1%
3.1%	4.1%	0.0%	66.8%	6.3%	1.6%	13.2%	2.4%	1.5%	4.2%	4.2%	0.0%
2.6%	1.2%	0.0%	74.3%	5.9%	0.9%	10.7%	1.7%	1.6%	4.5%	0.4%	0.0%
3.4%	3.6%	1.2%	46.4%	19.6%	1.9%	17.4%	4.5%	2.2%	3.2%	3.0%	1.8%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.4%	1.2%	2.3%	50.8%	7.9%	14.9%	14.3%	4.2%	0.6%	5.6%	1.3%	0.4%
1.5%	6.6%	0.6%	29.1%	2.1%	50.7%	10.1%	1.1%	0.1%	1.0%	5.7%	0.0%
3.1%	4.3%	3.6%	63.2%	4.8%	3.3%	17.8%	2.7%	0.5%	3.2%	2.3%	2.2%
5.0%	9.3%	0.0%	73.0%	3.4%	1.7%	2.9%	2.3%	0.4%	4.6%	11.7%	0.0%
0.7%	1.0%	1.1%	23.9%	12.6%	14.7%	46.3%	0.8%	0.0%	0.7%	1.2%	0.0%
3.4%	4.1%	4.9%	13.5%	30.6%	0.0%	40.4%	5.7%	3.3%	4.1%	1.7%	0.8%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.0%	10.8%	0.0%	15.7%	13.1%	36.9%	18.2%	2.6%	0.2%	1.6%	11.8%	0.0%
14.6%	7.9%	0.0%	50.0%	17.5%	4.8%	0.0%	6.8%	1.2%	16.2%	3.5%	0.0%
1.8%	3.7%	0.9%	82.5%	4.9%	0.2%	5.6%	1.8%	0.5%	1.9%	2.6%	0.0%
2.6%	0.5%	1.3%	84.8%	2.9%	1.6%	4.2%	0.9%	0.4%	3.6%	0.5%	1.1%
1.7%	3.0%	8.2%	30.4%	6.4%	43.7%	6.0%	1.0%	0.0%	1.4%	1.8%	9.3%
2.4%	0.0%	1.8%	61.6%	29.6%	0.7%	2.8%	1.0%	0.1%	2.5%	0.0%	1.7%
4.2%	2.6%	1.1%	57.2%	9.2%	3.3%	16.9%	1.2%	2.1%	6.6%	1.6%	2.0%
2.8%	8.8%	0.4%	67.2%	2.4%	4.5%	10.6%	1.1%	0.3%	3.8%	9.9%	0.1%
1.5%	5.1%	0.2%	58.9%	2.7%	3.8%	9.1%	19.6%	0.2%	1.5%	4.0%	0.2%
0.5%	2.8%	10.9%	18.5%	8.7%	2.5%	42.8%	11.0%	0.6%	0.6%	2.3%	13.1%
1.5%	2.7%	0.8%	15.5%	16.5%	6.6%	36.6%	19.3%	1.4%	1.9%	2.1%	0.1%
3.8%	7.0%	2.3%	29.6%	10.6%	4.1%	30.7%	11.0%	1.9%	3.2%	7.2%	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%
2.1%	0.9%	0.0%	87.1%	4.9%	0.0%	0.0%	0.0%	3.4%	3.6%	1.0%	0.0%
0.0%	0.0%	0.0%	98.4%	0.0%	0.0%	1.6%	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%
1.2%	0.9%	0.0%	63.1%	7.3%	3.3%	13.2%	9.4%	1.4%	1.3%	1.0%	0.0%
1.4%	0.8%	5.6%	79.5%	1.0%	0.3%	9.1%	0.4%	0.3%	1.6%	1.0%	6.8%
2.9%	2.6%	2.2%	64.8%	11.6%	1.5%	13.3%	3.1%	0.4%	3.6%	0.9%	0.7%
0.9%	1.6%	0.0%	68.0%	5.3%	11.2%	11.2%	1.5%	0.6%	0.9%	1.4%	0.0%
0.9%	3.9%	3.9%	53.8%	9.7%	7.5%	16.7%	2.7%	0.8%	1.0%	3.5%	4.3%

Research by Major Discipline		2016 Total Research by Major Discipline					
Institutions with Over \$40 Million in Federal Research, Alphabetically		Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math
Public	University of Wyoming	42.4%	3.3%	10.9%	34.8%	1.0%	5.0%
Public	Utah State University	34.2%	2.2%	1.2%	55.4%	2.8%	0.3%
Private	Vanderbilt University	80.9%	4.7%	0.7%	10.9%	0.0%	0.2%
Public	Virginia Commonwealth University	83.0%	1.5%	0.6%	8.0%	0.3%	0.6%
Public	Virginia Polytechnic Inst. and State Univ.	43.3%	3.0%	0.9%	44.6%	5.4%	0.6%
Private	Wake Forest University	97.9%	1.8%	0.0%	0.0%	0.1%	0.1%
Public	Washington State University - Pullman	60.2%	13.3%	3.2%	15.0%	1.4%	0.4%
Private	Washington University in St. Louis	91.1%	2.6%	0.8%	3.3%	0.7%	0.1%
Public	Wayne State University	78.3%	7.3%	0.2%	7.8%	1.1%	0.6%
Private	Weill Cornell Medical College	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Public	West Virginia University	62.1%	5.8%	8.0%	20.0%	0.4%	0.7%
Private	Woods Hole Oceanographic Institution	0.0%	0.0%	70.0%	30.0%	0.0%	0.0%
Private	Yale University	85.6%	6.9%	0.8%	3.0%	1.1%	0.3%
Private	Yeshiva University	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

			2016 Federal Research by Major Discipline								
Percent Psychology	Percent Social Science	Percent Other Science	Percent Life Science	Percent Physical Science	Percent Enviro Science	Percent Eng Science	Percent Computer Science	Percent Math	Percent Psychology	Percent Social Science	Percent Other Science
0.0%	2.6%	0.0%	47.9%	5.4%	18.2%	20.0%	1.6%	4.0%	0.0%	2.8%	0.0%
3.1%	0.8%	0.0%	22.0%	2.0%	1.3%	70.5%	0.9%	0.3%	2.5%	0.6%	0.0%
1.7%	0.9%	0.0%	80.0%	4.6%	0.8%	11.9%	0.0%	0.3%	1.7%	0.8%	0.0%
4.7%	1.4%	0.0%	85.2%	2.0%	0.6%	4.7%	0.5%	0.5%	6.4%	0.1%	0.0%
0.7%	1.5%	0.1%	38.2%	4.3%	1.4%	46.6%	6.6%	0.6%	1.0%	1.1%	0.3%
0.1%	0.1%	0.0%	97.8%	1.8%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
1.0%	5.3%	0.2%	60.5%	13.8%	3.6%	14.7%	2.1%	0.5%	1.1%	3.8%	0.1%
0.8%	0.2%	0.5%	88.2%	3.5%	1.2%	4.6%	1.0%	0.1%	0.8%	0.1%	0.5%
2.0%	1.4%	1.4%	80.2%	7.7%	0.3%	6.6%	1.4%	0.6%	2.9%	0.2%	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%
0.7%	2.2%	0.3%	54.7%	8.7%	11.4%	21.1%	0.4%	1.0%	0.9%	1.4%	0.4%
0.0%	0.0%	0.0%	0.0%	0.0%	67.0%	33.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2%	1.2%	0.0%	86.3%	7.1%	0.8%	3.4%	0.8%	0.3%	0.7%	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		2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank
Public	Arizona State University	665,488	147	53	612,590	148	53
Public	Auburn University	738,018	133	49	646,624	141	51
Public	Augusta University	235,247	289	118	212,447	290	119
Private	Baylor College of Medicine	1,166,562	80	52	1,063,678	81	52
Private	Boston University	1,957,021	48	31	1,654,531	52	34
Private	Brandeis University	976,887	98	60	866,778	100	61
Private	Brown University	3,245,531	30	21	2,963,366	30	21
Private	California Institute of Technology	2,606,505	34	22	2,217,372	37	23
Private	Carnegie Mellon University	2,154,098	43	28	1,708,618	49	32
Private	Case Western Reserve University	1,798,790	54	35	1,662,739	51	33
Public	Clemson University	682,736	142	52	621,294	146	52
Public	Cleveland State University	76,400	633	223	72,700	612	217
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	330,200	239	94	286,348	246	98
Private	Columbia University	9,996,596	11	8	9,041,027	11	8
Private	Cornell University	5,298,076	19	15	4,524,419	20	16
Private	Dartmouth College	4,956,494	21	17	4,474,404	21	17
Private	Drexel University	707,650	140	89	650,252	139	89
Private	Duke University	7,911,175	13	10	6,839,780	15	12
Private	Emory University	6,905,465	16	13	6,401,650	16	13
Public	Florida International University	196,281	333	131	174,061	340	135
Public	Florida State University	639,371	157	57	584,529	153	56
Public	George Mason University	77,692	621	219	71,566	622	219
Private	George Washington University	1,729,147	57	38	1,570,278	56	38
Private	Georgetown University	1,661,745	59	40	1,483,502	61	41
Public	Georgia Institute of Technology	1,985,802	47	17	1,843,764	46	17
Public	Georgia State University	155,303	408	155	140,677	402	152
Private	Harvard University	36,021,516	1	1	34,541,893	1	1
Private	Icahn School of Med. at Mount Sinai	675,121	145	93	659,261	137	88
Public	Indiana University - Bloomington	1,081,730	89	35	991,134	89	33
Public	Iowa State University	838,871	117	45	760,461	115	44
Private	Johns Hopkins University	3,844,918	28	20	3,381,281	28	20
Public	Kansas State University	506,232	183	71	475,617	178	70
Public	Louisiana State Univ. - Baton Rouge	457,333	197	78	416,717	195	79
Private	Massachusetts Inst. of Technology	14,967,983	5	5	13,433,036	5	5
Private	Medical College of Wisconsin	875,817	108	67	748,862	118	72
Public	Medical University of South Carolina	342,052	232	92	312,002	231	92
Public	Michigan State University	3,075,113	32	11	2,585,841	33	12
Public	Mississippi State University	470,238	195	77	444,485	190	76
Public	Montana State University - Bozeman	165,708	385	148	138,207	407	154
Public	Naval Postgraduate School	5,692	1372	584	5,184	1390	604
Public	New Jersey Institute of Technology	111,434	486	175	98,006	496	177
Public	New Mexico State Univ. - Las Cruces	167,496	381	147	152,317	372	145
Private	New York University	3,991,638	26	19	3,487,702	27	19
Public	North Carolina State University	1,122,899	85	31	998,600	87	32
Private	Northeastern University	778,948	127	80	693,025	128	81
Private	Northwestern University	10,436,692	10	7	9,648,497	10	7
Public	Ohio State University - Columbus	4,253,459	24	7	3,578,562	25	7
Public	Oklahoma State Univ. - Stillwater	386,595	215	86	370,990	213	86



## The Top American Research Universities

2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank	2014 Endowment Assets x \$1000	2014 National Rank	2014 Control Rank	2013 Endowment Assets x \$1000	2013 National Rank	2013 Control Rank
643,188	143	51	625,833	143	51	552,789	141	51
641,993	144	52	621,106	147	55	522,145	147	56
210,595	297	120	212,697	293	119	142,208	354	139
1,095,326	80	53	1,021,458	84	56	873,721	85	57
1,644,117	53	36	1,616,004	53	35	1,403,061	54	36
915,087	93	58	861,152	99	63	766,205	99	62
3,073,349	31	21	2,999,749	30	21	2,699,948	29	21
2,198,887	39	25	2,093,842	41	27	1,849,880	38	24
1,739,474	52	35	1,599,900	54	36	1,371,365	56	38
1,775,999	51	34	1,758,570	49	33	1,595,300	47	31
648,611	141	50	623,262	146	54	528,697	146	55
74,900	571	201	72,300	576	202	61,707	589	208
281,355	252	99	284,495	242	97	245,887	243	97
9,639,065	11	8	9,223,047	11	8	8,197,880	8	6
4,760,560	19	15	4,646,134	19	15	4,133,842	19	15
4,663,491	21	17	4,468,219	21	17	3,733,596	21	17
668,386	138	90	660,150	136	87	586,938	137	89
7,296,545	14	11	7,036,776	14	11	6,040,973	14	11
6,684,305	16	13	6,681,479	15	12	5,816,046	15	12
178,750	340	133	176,500	339	133	149,384	344	132
605,275	150	56	624,557	145	53	548,095	143	52
72,245	587	207	69,554	595	213	59,261	606	217
1,616,357	56	37	1,576,508	56	38	1,375,202	55	37
1,528,869	60	39	1,461,276	62	41	1,286,323	61	40
1,858,977	46	16	1,889,014	45	16	1,714,876	45	16
135,418	402	153	133,296	404	151	118,825	400	150
36,448,817	1	1	35,883,891	1	1	32,334,293	1	1
717,372	128	82	691,221	131	84	630,518	128	81
960,625	90	33	961,054	89	31	835,123	89	30
786,205	113	43	777,018	112	43	673,515	115	44
3,412,617	28	20	3,451,947	26	19	2,987,298	25	19
488,936	172	67	473,987	170	66	364,675	191	78
427,852	194	78	425,417	186	73	383,443	183	73
13,474,743	5	5	12,425,131	5	5	10,857,976	5	5
778,315	115	72	748,637	122	75	597,865	134	86
322,644	227	91	312,580	227	91	272,319	227	89
2,672,822	34	13	2,548,913	34	13	1,997,985	36	14
449,106	183	74	456,610	176	69	394,925	178	70
142,661	395	150	141,066	388	148	121,755	395	149
5,086	1137	480	5,182	1020	417	4,461	1009	406
99,257	477	172	98,117	472	171	82,965	487	174
221,005	286	117	222,581	283	114	197,387	282	113
3,576,180	26	19	3,422,227	27	20	2,949,000	27	20
983,979	88	32	885,055	93	34	769,404	97	37
729,400	124	79	713,200	127	80	616,618	130	83
10,193,037	7	6	9,778,112	8	6	7,883,323	10	7
3,633,887	24	6	3,547,566	24	6	3,149,169	24	6
384,853	209	86	422,325	187	74	389,522	180	72

## The Top American Research Universities

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank
Public	Oregon Health & Science University	655,992	151	56	570,485	156	58
Public	Oregon State University	549,448	169	64	492,543	172	66
Public	Penn. St. Univ. - Hershey Med. Ctr.	498,497	187	73	449,943	185	74
Public	Pennsylvania State Univ. - Univ. Park	2,118,610	45	16	1,912,254	44	16
Private	Princeton University	23,812,241	4	4	22,152,580	4	4
Public	Purdue University - West Lafayette	2,424,872	38	15	2,254,541	35	13
Private	Rensselaer Polytechnic Institute	677,231	144	92	634,916	143	92
Private	Rice University	5,814,444	18	14	5,324,289	18	14
Private	Rockefeller University	2,049,344	46	30	1,887,407	45	29
Private	Rush University	595,869	161	102	538,823	160	102
Public	Rutgers University - New Brunswick	985,463	97	38	865,867	101	40
Public	San Diego State University	261,544	277	111	219,994	287	116
Private	Scripps Research Institute						
Private	Stanford University	24,784,943	3	3	22,398,130	3	3
Public	Stony Brook University	290,031	262	102	262,191	263	103
Public	Temple University	581,960	163	60	494,187	171	65
Public	Texas A&M Univ. - College Station	10,908,003	9	3	9,944,936	8	2
Private	Thomas Jefferson University	539,088	173	107	500,943	168	105
Private	Tufts University	1,738,706	56	37	1,562,968	57	39
Private	Tulane University	1,288,374	71	46	1,150,687	74	48
Public	U.S. Air Force Academy	123,000	463	167	119,000	449	164
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	65,342	691	250	59,273	691	249
Public	University at Buffalo	659,156	150	55	600,961	151	54
Public	University of Alabama - Birmingham	475,558	194	76	431,459	192	78
Public	University of Alabama - Huntsville	75,244	639	225	71,053	627	222
Public	University of Alaska - Fairbanks	187,163	345	135	198,196	306	122
Public	University of Arizona	843,529	115	44	754,651	117	46
Public	Univ. of Arkansas for Med. Sciences	34,830	940	345	31,733	943	348
Public	University of California - Berkeley	4,271,453	23	6	3,845,281	23	6
Public	University of California - Davis	1,107,701	86	32	965,805	90	34
Public	University of California - Irvine	869,491	110	43	498,171	169	64
Public	University of California - Los Angeles	4,356,826	22	5	3,849,133	22	5
Public	University of California - Riverside	226,990	299	119	191,420	318	126
Public	University of California - San Diego	1,339,164	69	24	1,176,581	70	25
Public	Univ. of California - San Francisco	2,545,101	35	13	2,112,014	39	15
Public	Univ. of California - Santa Barbara	322,419	245	97	274,371	252	100
Public	University of California - Santa Cruz	191,185	339	133	162,211	358	142
Public	University of Central Florida	156,863	406	153	146,416	385	148
Private	University of Chicago	7,523,720	15	12	7,001,204	14	11
Public	University of Cincinnati - Cincinnati	1,282,743	73	27	1,165,522	71	26
Public	University of Colorado - Boulder	596,407	160	59	583,190	154	57
Public	U. of Colorado - Denv./Anschutz Med.	493,142	189	74	479,474	176	69
Public	University of Connecticut - HC	105,934	505	179	83,260	553	195
Public	University of Connecticut - Storrs	315,960	249	99	275,335	251	99
Private	University of Dayton	524,186	176	109	473,122	179	109
Public	University of Delaware	1,364,057	68	23	1,261,790	66	22
Public	University of Florida	1,612,003	61	21	1,461,347	63	21
Public	University of Georgia	1,151,904	81	29	1,016,732	84	30

## The Top American Research Universities

2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank	2014 Endowment Assets x \$1000	2014 National Rank	2014 Control Rank	2013 Endowment Assets x \$1000	2013 National Rank	2013 Control Rank
571,341	153	58	522,384	160	60	463,969	156	60
505,369	168	65	511,427	162	62	443,826	164	64
436,288	190	75	381,158	206	85	309,312	215	85
1,854,222	47	17	1,739,032	51	17	1,411,236	53	18
22,723,473	3	3	20,995,518	4	4	18,200,433	4	4
2,397,902	35	14	2,443,494	35	14	2,182,171	34	13
676,546	137	89	659,035	137	88	616,836	129	82
5,557,479	18	14	5,527,693	18	14	4,836,728	18	14
1,987,027	44	29	1,985,942	44	29	1,772,394	42	28
555,610	156	98	554,269	152	95	500,797	150	93
710,802	129	47	763,561	116	45	729,431	102	39
209,372	299	122	190,608	324	129	158,406	333	128
22,222,957	4	4	21,446,006	3	3	18,688,868	3	3
247,397	274	108	214,446	288	116	180,716	298	119
386,230	206	84	374,758	210	86	323,837	210	83
9,856,983	10	3	10,540,226	7	2	8,072,055	9	3
437,750	188	114	375,697	208	123	336,658	205	124
1,593,019	57	38	1,590,045	55	37	1,440,527	52	35
1,220,464	68	45	1,183,924	70	46	1,047,813	73	49
54,810	679	245	49,522	687	249	40,522	714	258
619,296	148	54	624,791	144	52	554,392	140	50
388,405	205	83	406,098	195	80	374,260	188	76
65,978	623	225	70,419	591	211	65,986	568	199
189,476	323	129	194,276	318	127	211,332	270	109
767,940	117	44	760,679	117	46	611,746	131	48
32,632	846	310	32,764	804	299	29,496	797	289
4,045,451	23	5	3,913,416	23	5	3,330,553	23	5
1,013,936	86	30	946,302	90	32	790,060	91	32
512,904	166	63	387,157	204	84	330,104	208	82
3,493,903	27	8	3,226,030	28	8	2,626,965	30	9
185,335	331	131	179,669	337	131	148,777	345	133
951,367	91	34	752,079	120	47	642,605	122	46
2,124,970	41	15	1,993,470	43	15	1,716,203	44	15
265,930	260	104	257,987	264	103	226,034	261	104
164,331	360	141	152,855	365	144	124,926	384	147
150,627	378	146	154,595	362	143	135,475	364	143
7,549,710	13	10	7,545,544	13	10	6,668,974	13	10
1,195,899	71	25	1,183,922	71	25	1,045,606	74	25
598,355	152	57	510,646	164	63	495,900	151	58
491,942	171	66	419,832	188	75	389,636	179	71
103,450	462	169	103,885	454	165	92,927	457	164
279,699	255	102	280,876	247	99	251,247	240	95
500,407	169	104	510,107	165	102	442,252	165	101
1,341,373	65	22	1,310,133	64	22	1,171,166	65	22
1,555,703	58	20	1,519,522	57	19	1,359,643	57	19
1,004,987	87	31	975,890	87	30	786,171	93	34

## The Top American Research Universities

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank
Public	University of Hawaii - Manoa	307,777	252	100	271,180	256	101
Public	University of Houston - Univ. Park	453,268	199	79	665,001	134	49
Public	University of Idaho	265,087	272	108	237,528	278	109
Public	University of Illinois - Chicago	321,559	246	98	287,188	244	97
Public	Univ. of Illinois - Urbana-Champaign	1,659,338	60	20	1,489,991	60	20
Public	University of Iowa	1,387,001	67	22	1,259,309	67	23
Public	University of Kansas - Lawrence	1,248,665	76	28	1,150,623	75	27
Public	University of Kentucky	1,285,114	72	26	1,117,852	78	28
Public	University of Louisville	719,001	136	51	715,689	124	47
Public	University of Maryland - Baltimore	289,659	264	103	254,733	266	105
Public	Univ. of Maryland - Baltimore County	87,532	569	199	78,101	586	202
Public	University of Maryland - College Park	518,808	178	69	466,075	183	72
Public	Univ. of Massachusetts - Amherst	323,759	244	96	287,213	243	96
Public	U. of Mass. Med. Sch. - Worcester	204,717	325	127	183,435	328	130
Private	University of Miami	948,579	103	62	844,643	102	62
Public	University of Michigan - Ann Arbor	10,936,014	8	2	9,743,461	9	3
Public	University of Minnesota - Twin Cities	3,493,641	29	9	3,280,681	29	9
Public	University of Missouri - Columbia	970,162	100	40	869,566	99	39
Public	University of Nebraska - Lincoln	958,039	102	41	869,874	98	38
Public	University of Nebraska Medical Ctr.	254,949	282	113	223,753	285	115
Public	University of Nevada - Reno	333,916	237	93	302,698	238	94
Public	Univ. of New Hampshire - Durham	363,202	224	90	330,131	223	90
Public	Univ. of New Mexico - Albuquerque	423,496	206	84	393,240	201	82
Public	Univ. of North Carolina - Chapel Hill	3,027,227	33	12	2,889,679	31	10
Public	University of North Dakota	268,375	271	107	230,461	282	113
Private	University of Notre Dame	9,352,376	12	9	8,374,083	12	9
Public	University of Oklahoma - HSC	541,406	170	65	516,920	166	62
Public	University of Oklahoma - Norman	1,104,778	87	33	1,003,434	85	31
Public	University of Oregon	828,459	119	46	758,692	116	45
Private	University of Pennsylvania	12,213,202	6	6	10,715,364	7	6
Public	University of Pittsburgh - Pittsburgh	3,945,687	27	8	3,524,904	26	8
Public	University of Rhode Island	145,563	423	160	124,629	434	160
Private	University of Rochester	2,121,390	44	29	1,927,573	43	28
Public	Univ. of South Carolina - Columbia	770,782	129	48	655,469	138	50
Public	University of South Florida - Tampa	442,033	202	81	395,324	200	81
Private	University of Southern California	5,128,459	20	16	4,608,717	19	15
Public	University of Tennessee - Knoxville	659,489	149	54	597,475	152	55
Public	University of Texas - Austin	11,867,843	7	1	10,935,781	6	1
Public	University of Texas - El Paso	241,666	286	117	218,880	288	117
Public	University of Texas HSC - Houston	385,822	216	87	336,086	222	89
Public	Univ. of Texas HSC - San Antonio	550,950	168	63	486,652	173	67
Public	U. of Texas MD Anderson Cancer Ctr.	1,317,622	70	25	1,212,099	69	24
Public	U. of Texas Med. Branch - Galveston	539,846	171	66	533,972	163	60
Public	U. of Texas SW Medical Ctr. - Dallas	1,819,970	53	19	1,684,130	50	18
Public	University of Utah	1,127,686	84	30	1,071,926	80	29
Public	University of Vermont	521,867	177	68	467,702	181	71
Public	University of Virginia	6,393,561	17	4	5,852,309	17	4
Public	University of Washington - Seattle	2,529,250	36	14	2,237,511	36	14
Public	University of Wisconsin - Madison	3,101,888	31	10	2,739,728	32	11

## The Top American Research Universities

2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank	2014 Endowment Assets x \$1000	2014 National Rank	2014 Control Rank	2013 Endowment Assets x \$1000	2013 National Rank	2013 Control Rank
280,210	254	101	272,280	255	101	235,383	253	99
707,437	130	48	683,950	132	48	637,475	125	47
239,603	276	109	240,980	272	108	209,398	272	110
302,121	239	97	299,522	235	94	245,900	242	96
1,530,658	59	21	1,488,828	59	21	1,310,300	60	21
1,263,043	67	23	1,251,356	65	23	1,094,803	69	24
1,170,313	73	26	1,147,213	76	26	1,005,416	78	26
1,142,722	77	27	1,136,833	78	27	995,295	79	27
844,288	103	39	876,825	94	35	788,529	92	33
256,008	269	105	250,194	269	106	230,006	258	102
75,752	568	199	73,012	572	201	66,825	562	194
482,628	173	68	471,391	171	67	433,821	167	65
303,984	238	96	307,098	232	93	272,087	228	90
194,251	319	127	211,880	295	120	171,437	314	124
887,329	96	60	865,435	98	62	777,947	94	60
9,952,113	9	2	9,731,460	9	3	8,382,311	7	2
3,297,460	29	9	3,176,456	29	9	2,757,476	28	8
857,471	100	38	804,003	106	40	692,853	112	43
906,156	94	36	1,005,716	86	29	870,173	86	29
226,077	282	114	232,088	277	110	200,809	278	111
306,587	235	94	295,334	237	95	259,775	232	92
346,926	217	87	333,203	220	88	231,504	255	100
403,670	202	81	412,772	192	79	371,362	189	77
2,988,806	32	11	2,695,663	33	12	2,381,151	31	10
230,600	279	112	226,800	281	113	162,785	332	127
8,566,952	12	9	8,039,756	12	9	6,856,301	12	9
456,907	179	72	448,040	179	71	397,294	174	69
1,066,117	82	28	1,045,426	82	28	927,019	83	28
719,111	127	46	627,004	142	50	558,437	139	49
10,133,569	8	7	9,582,335	10	7	7,741,396	11	8
3,588,775	25	7	3,492,839	25	7	2,975,896	26	7
131,655	409	154	132,234	406	152	102,885	431	158
2,050,199	43	28	2,015,283	42	28	1,730,829	43	29
625,186	147	53	596,379	148	56	544,399	145	54
417,415	196	80	417,335	189	76	363,924	192	79
4,709,511	20	16	4,593,014	20	16	3,868,355	20	16
608,873	149	55	854,073	101	37	726,483	104	40
10,507,795	6	1	11,340,760	6	1	9,145,142	6	1
217,286	290	118	221,019	286	115	196,458	283	114
306,094	236	95	256,097	267	104	227,043	260	103
476,632	175	70	485,459	169	65	432,031	168	66
1,200,742	70	24	1,236,742	67	24	1,111,653	67	23
531,562	163	61	549,315	154	58	495,887	152	59
1,620,501	55	19	1,661,474	52	18	1,450,655	51	17
1,023,004	85	29	844,761	103	38	745,553	101	38
453,653	181	73	394,454	202	82	374,316	187	75
6,180,515	17	4	5,945,952	17	4	5,166,660	17	4
3,076,226	30	10	2,832,753	31	10	2,346,693	32	11
2,792,622	33	12	2,699,253	32	11	2,334,560	33	12

<b>Endowment Assets</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Endowment Assets x \$1000	2017 National Rank	2017 Control Rank	2016 Endowment Assets x \$1000	2016 National Rank	2016 Control Rank
Public	University of Wyoming	500,299	186	72	458,486	184	73
Public	Utah State University	358,965	226	91	325,287	226	91
Private	Vanderbilt University	4,136,465	25	18	3,795,586	24	18
Public	Virginia Commonwealth University	1,843,001	52	18	1,559,874	58	19
Public	Virginia Polytechnic Inst. and St. U.	995,807	96	37	842,991	103	41
Private	Wake Forest University	1,205,323	78	50	1,141,211	77	50
Public	Washington State Univ. - Pullman	974,029	99	39	907,828	96	36
Private	Washington University in St. Louis	7,860,774	14	11	7,056,593	13	10
Public	Wayne State University	366,903	221	88	301,470	240	95
Private	Weill Cornell Medical College	1,459,674	65	44	1,233,303	68	45
Public	West Virginia University	566,426	166	61	511,384	167	63
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	27,176,100	2	2	25,408,600	2	2
Private	Yeshiva University	644,570	156	100	625,931	144	93

2015 Endowment Assets x \$1000	2015 National Rank	2015 Control Rank	2014 Endowment Assets x \$1000	2014 National Rank	2014 Control Rank	2013 Endowment Assets x \$1000	2013 National Rank	2013 Control Rank
481,469	174	69	455,105	177	70	404,074	172	68
314,668	231	92	282,465	245	98	242,025	246	98
4,133,542	22	18	4,086,040	22	18	3,673,434	22	18
1,638,147	54	18	1,509,431	58	20	1,326,915	59	20
817,759	106	41	796,437	109	42	660,340	119	45
1,167,400	75	49	1,148,026	75	50	1,061,639	70	46
885,777	97	37	868,091	96	36	777,628	95	35
6,818,748	15	12	6,643,379	16	13	5,651,860	16	13
307,569	234	93	311,337	228	92	276,234	225	88
1,276,986	66	44	1,243,814	66	43	1,138,386	66	44
533,599	162	60	533,627	158	59	460,640	158	61
25,572,100	2	2	23,894,800	2	2	20,780,000	2	2
680,327	136	88	1,094,558	79	52	1,183,499	64	43



## The Top American Research Universities

<b>Annual Giving</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank
Public	Arizona State University	179,604	42	20	140,417	60	34
Public	Auburn University	104,418	81	51	118,477	70	42
Public	Augusta University	13,483	356	179	11,544	375	185
Private	Baylor College of Medicine	70,927	114	43	77,605	100	38
Private	Boston University	157,478	50	23	156,941	50	23
Private	Brandeis University	99,260	84	32	57,593	130	48
Private	Brown University	241,987	32	17	207,725	34	19
Private	California Institute of Technology	235,882	34	18	182,869	41	21
Private	Carnegie Mellon University	155,209	51	24	155,302	51	24
Private	Case Western Reserve University	113,767	74	29	158,323	48	22
Public	Clemson University	85,795	101	62	90,623	91	57
Public	Cleveland State University	14,959	333	170	11,802	370	182
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	60,531	128	79	42,798	155	92
Private	Columbia University	603,077	8	8	584,809	6	5
Private	Cornell University	621,155	7	7	427,089	15	11
Private	Dartmouth College	216,825	38	21	227,038	32	18
Private	Drexel University	68,965	116	45	60,905	122	44
Private	Duke University	581,051	10	10	506,441	10	8
Private	Emory University	218,501	37	20	192,700	38	20
Public	Florida International University	37,504	177	102	27,820	202	113
Public	Florida State University	77,268	112	70	75,413	103	65
Public	George Mason University	66,474	119	73	67,940	113	73
Private	George Washington University	95,034	93	37	101,391	77	32
Private	Georgetown University	143,251	58	25	153,384	52	25
Public	Georgia Institute of Technology	119,142	72	44	129,304	64	38
Public	Georgia State University	32,908	189	108	25,164	215	117
Private	Harvard University	1,283,740	1	1	1,187,530	1	1
Private	Icahn School of Med. at Mount Sinai	98,578	87	33	120,327	68	28
Public	Indiana University - Bloomington	276,434	27	11	195,908	37	18
Public	Iowa State University	175,453	46	24	90,148	93	58
Private	Johns Hopkins University	636,911	5	5	657,293	4	4
Public	Kansas State University	84,883	104	64	96,626	86	52
Public	Louisiana State Univ. - Baton Rouge	121,572	67	39	147,998	55	30
Private	Massachusetts Inst. of Technology	672,939	3	3	419,752	16	12
Private	Medical College of Wisconsin	38,743	169	71	19,028	267	132
Public	Medical University of South Carolina	47,569	145	89	44,310	154	91
Public	Michigan State University	199,928	39	18	176,131	43	22
Public	Mississippi State University	89,521	97	60	69,763	108	68
Public	Montana State University - Bozeman	89,511	98	61	21,161	249	130
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	11,725	394	193			
Public	New Mexico State Univ. - Las Cruces	16,826	302	155	16,539	306	155
Private	New York University	567,121	11	11	461,150	12	9
Public	North Carolina State University	147,125	56	32	129,948	63	37
Private	Northeastern University	125,342	63	27	56,292	134	51
Private	Northwestern University	344,299	20	14	401,679	17	13
Public	Ohio State University - Columbus	401,850	19	6	386,112	18	5
Public	Oklahoma State University - Stillwater	98,640	86	54	98,781	82	49



## The Top American Research Universities

2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank	2014 Annual Giving x \$1000	2014 National Rank	2014 Control Rank	2013 Annual Giving x \$1000	2013 National Rank	2013 Control Rank
130,775	61	32	99,212	78	44	108,011	65	38
106,353	82	48	86,579	88	50	67,911	105	64
12,151	348	164	61,007	123	76	33,894	165	95
61,656	119	44	84,211	93	39	100,540	74	29
140,393	56	26	132,583	55	27	116,562	58	26
60,196	120	45	56,905	126	49	54,556	123	48
187,754	37	21	201,731	33	20	176,416	35	19
161,929	47	23	113,370	71	33	103,446	72	28
139,563	57	27	137,573	50	24	112,164	60	27
132,826	58	28	124,509	62	30	94,238	79	31
81,861	103	63	61,721	121	75	75,666	98	60
17,732	266	130	14,179	309	156	6,163	515	220
41,342	154	92	143,239	47	24	112,473	59	33
552,682	6	5	469,969	9	7	646,663	4	4
434,465	17	14	341,851	19	13	326,497	16	11
218,832	32	19	254,944	27	17	160,165	41	20
88,916	95	38	89,966	86	38	64,953	108	42
472,008	11	9	437,382	12	9	423,658	9	9
228,034	31	18	268,926	26	16	204,171	32	17
23,312	212	110	21,459	226	121	24,706	197	111
68,634	112	70	55,725	128	78	61,270	115	72
53,164	128	80	48,467	139	83	44,617	134	80
248,030	28	16	98,515	79	35	84,436	85	34
172,452	43	22	134,685	52	25	131,044	47	23
119,118	73	42	141,888	48	25	102,717	73	45
16,074	290	146	19,476	243	127	14,701	292	146
1,045,872	2	2	1,155,610	1	1	792,256	2	2
109,733	78	33	150,420	45	23	127,027	51	24
211,471	34	15	190,593	35	15	160,548	40	21
105,512	83	49	64,854	116	71	62,288	114	71
582,675	5	4	614,606	5	5	518,571	5	5
98,094	88	53	156,335	42	20	108,060	64	37
130,763	62	33	110,644	73	40	96,895	78	48
439,404	16	13	375,031	18	12	403,539	11	10
20,907	230	112	16,704	270	131	13,263	322	161
31,498	178	103	38,853	156	90	43,841	138	82
131,499	60	31	117,566	65	34	130,964	48	25
56,857	125	78	66,002	114	70	65,925	106	65
13,299	331	161	12,185	337	165	16,659	263	138
8,821	443	199	8,918	420	195	10,023	384	179
16,568	282	142	13,928	313	157	12,499	335	165
439,662	15	12	455,718	10	8	449,344	7	7
119,150	72	41	117,535	66	35	131,378	46	24
59,857	122	46	39,543	154	65	46,828	130	53
536,831	8	7	616,351	4	4	295,601	18	12
359,798	21	6	332,627	20	7	290,595	20	8
77,009	104	64	76,101	105	63	110,186	61	34

## The Top American Research Universities

Annual Giving							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank
Public	Oregon Health & Science University	175,675	45	23	156,961	49	27
Public	Oregon State University	92,755	94	57	97,101	85	51
Public	Penn. St. Univ. - Hershey Med. Ctr.	34,781	184	105	35,472	173	99
Public	Pennsylvania State Univ. - Univ. Park	148,864	55	31	147,570	56	31
Private	Princeton University	303,394	24	15	267,876	27	16
Public	Purdue University - West Lafayette	152,638	53	29	151,217	53	28
Private	Rensselaer Polytechnic Institute	46,571	148	59	37,798	167	72
Private	Rice University	98,158	88	34	102,977	76	31
Private	Rockefeller University	18,357	278	136	67,659	115	41
Private	Rush University	6,375	554	312	3,070	727	424
Public	Rutgers University - New Brunswick	113,555	75	46	118,493	69	41
Public	San Diego State University	85,455	102	63	79,781	98	61
Private	Scripps Research Institute						
Private	Stanford University	1,129,330	2	2	951,149	2	2
Public	Stony Brook University	53,224	135	84	76,704	101	63
Public	Temple University	67,339	118	72	62,254	119	77
Public	Texas A&M Univ. - College Station	290,458	25	10	276,475	25	11
Private	Thomas Jefferson University	52,137	140	53	56,821	133	50
Private	Tufts University	103,248	82	31	60,405	124	45
Private	Tulane University	86,033	100	39	98,919	81	33
Public	U.S. Air Force Academy	14,042	348	178	28,545	197	110
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	11,409	401	195	9,122	432	200
Public	University at Buffalo	36,919	179	104	36,219	170	97
Public	University of Alabama - Birmingham	81,250	108	67	88,043	95	59
Public	University of Alabama - Huntsville	2,884	785	337	2,297	792	342
Public	University of Alaska - Fairbanks	24,561	234	121	27,865	201	112
Public	University of Arizona	219,929	36	17	186,870	40	20
Public	Univ. of Arkansas for Med. Sciences	20,958	256	132	24,655	220	119
Public	University of California - Berkeley	404,588	18	5	348,865	20	6
Public	University of California - Davis	163,088	49	27	129,224	65	39
Public	University of California - Irvine	97,056	92	56	73,657	106	67
Public	University of California - Los Angeles	550,934	13	2	498,800	11	3
Public	University of California - Riverside	25,586	227	117	24,369	224	120
Public	University of California - San Diego	240,076	33	16	206,873	35	16
Public	Univ. of California - San Francisco	422,172	17	4	595,940	5	1
Public	Univ. of California - Santa Barbara	145,824	57	33	101,177	78	46
Public	University of California - Santa Cruz	38,313	172	99	69,052	112	72
Public	University of Central Florida	33,043	188	107	22,427	237	128
Private	University of Chicago	483,470	14	12	443,305	13	10
Public	University of Cincinnati - Cincinnati	106,272	77	48	162,076	45	24
Public	University of Colorado - Boulder	134,126	62	36	160,445	46	25
Public	U. of Colorado - Denv./Anschutz Med.	178,660	43	21	106,963	73	44
Public	Univ. of Connecticut - Health Center	4,748	636	267	6,747	519	228
Public	University of Connecticut - Storrs	52,458	137	86	65,620	117	76
Private	University of Dayton	37,840	174	74	21,668	246	117
Public	University of Delaware	43,001	156	92	56,843	132	83
Public	University of Florida	267,350	29	13	243,666	30	14
Public	University of Georgia	163,545	48	26	133,881	62	36

## The Top American Research Universities

2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank	2014 Annual Giving x \$1000	2014 National Rank	2014 Control Rank	2013 Annual Giving x \$1000	2013 National Rank	2013 Control Rank
141,018	55	30	153,281	43	21	121,027	56	31
99,318	87	52	97,217	81	46	81,027	88	54
35,023	171	100	38,772	157	91	39,174	150	84
155,658	50	26	172,319	39	18	174,105	36	17
549,840	7	6	240,931	29	18	242,551	25	15
172,219	44	22	129,490	59	30	121,592	55	30
38,364	164	68	53,230	133	53	41,814	143	61
122,186	67	30	104,113	76	34	122,673	53	25
18,562	262	133	13,457	321	163	37,562	156	68
3,689	681	402	3,960	659	390			
127,846	63	34	105,811	74	41	90,313	80	49
76,036	107	66	79,854	98	58	72,452	102	61
1,625,036	1	1	928,458	2	2	931,569	1	1
86,687	98	59	78,655	102	60	97,892	77	47
58,792	124	77	60,787	124	77	63,014	112	69
255,179	26	11	317,549	22	8	254,628	23	10
38,809	162	67	29,305	188	82	31,469	176	75
62,131	118	43	69,847	107	43	52,260	124	49
88,422	96	39	78,768	100	42	77,824	95	37
2,333	780	334						
9,439	419	191	9,948	391	182	8,389	430	195
30,565	184	105	33,300	172	100	28,700	185	106
76,612	106	65	80,004	97	57	63,762	110	67
2,032	803	348	3,329	701	291	2,435	788	329
26,959	195	107	20,328	233	123	14,461	295	148
190,184	36	16	186,192	37	16	151,363	42	22
16,815	273	134	25,062	201	111	27,370	190	109
366,116	20	5	389,935	17	6	340,919	15	5
185,840	38	17	133,393	54	28	104,743	69	42
66,617	114	72	97,241	80	45	77,210	97	59
473,205	10	2	430,276	15	5	419,647	10	1
16,985	272	133	22,692	214	116	25,450	193	110
171,059	46	24	150,446	44	22	167,404	38	19
608,580	4	1	444,938	11	3	385,745	12	2
63,413	116	74	67,505	110	67	60,999	116	73
24,831	202	109	40,855	151	89	23,684	202	114
32,779	176	102	23,116	213	115	38,839	152	86
443,792	13	10	405,350	16	11	289,447	21	13
119,700	71	40	140,645	49	26	105,037	67	40
151,553	52	27	67,726	109	66	63,377	111	68
171,102	45	23	66,852	111	68	51,596	125	76
8,475	451	202	5,395	567	238	6,879	484	210
40,751	156	94	30,570	183	104	38,982	151	85
28,219	189	84	20,199	237	113	18,071	243	113
44,896	147	89	48,905	136	82	46,844	129	77
215,580	33	14	215,184	30	12	210,951	31	15
104,108	84	50	96,088	82	47	85,814	84	51

## The Top American Research Universities

<b>Annual Giving</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Annual Giving x \$1000	2017 National Rank	2017 Control Rank	2016 Annual Giving x \$1000	2016 National Rank	2016 Control Rank
Public	University of Hawaii - Manoa	49,665	143	88	42,209	157	93
Public	University of Houston - Univ. Park	109,231	76	47	98,449	83	50
Public	University of Idaho	22,343	244	128	16,842	305	154
Public	University of Illinois - Chicago	56,597	131	82	53,815	137	85
Public	Univ. of Illinois - Urbana-Champaign	198,897	40	19	159,693	47	26
Public	University of Iowa	137,193	61	35	192,262	39	19
Public	University of Kansas - Lawrence	137,330	60	34	149,771	54	29
Public	University of Kentucky	119,920	70	42	163,919	44	23
Public	University of Louisville	90,820	95	58	85,186	97	60
Public	University of Maryland - Baltimore	62,651	126	78	57,911	129	82
Public	Univ. of Maryland - Baltimore County	12,258	382	188	13,788	340	167
Public	University of Maryland - College Park	115,151	73	45	146,044	57	32
Public	Univ. of Massachusetts - Amherst	63,084	124	76	32,805	183	106
Public	U. of Mass. Med. Sch. - Worcester	6,413	550	242	7,550	487	216
Private	University of Miami	221,706	35	19	236,334	31	17
Public	University of Michigan - Ann Arbor	456,132	15	3	433,776	14	4
Public	University of Minnesota - Twin Cities	326,158	21	7	332,851	22	8
Public	University of Missouri - Columbia	119,526	71	43	113,079	71	43
Public	University of Nebraska - Lincoln	104,678	80	50	100,542	79	47
Public	University of Nebraska Medical Ctr.	106,010	78	49	91,702	89	55
Public	University of Nevada - Reno	57,084	130	81	69,521	109	69
Public	Univ. of New Hampshire - Durham	24,510	235	122	14,372	332	163
Public	Univ. of New Mexico - Albuquerque	90,227	96	59	66,077	116	75
Public	Univ. of North Carolina - Chapel Hill	325,932	22	8	308,694	24	10
Public	University of North Dakota	31,447	195	109	27,965	198	111
Private	University of Notre Dame	451,433	16	13	371,762	19	14
Public	University of Oklahoma - HSC	42,763	157	93	69,440	110	70
Public	University of Oklahoma - Norman	260,220	30	14	252,996	28	12
Public	University of Oregon	177,447	44	22	136,295	61	35
Private	University of Pennsylvania	626,485	6	6	542,851	7	6
Public	University of Pittsburgh - Pittsburgh	121,564	68	40	127,155	66	40
Public	University of Rhode Island	21,435	250	131	15,788	318	159
Private	University of Rochester	97,233	91	36	107,297	72	29
Public	Univ. of South Carolina - Columbia	174,208	47	25	94,103	87	53
Public	University of South Florida - Tampa	52,986	136	85	45,583	152	89
Private	University of Southern California	668,332	4	4	666,641	3	3
Public	University of Tennessee - Knoxville	98,124	89	55	91,456	90	56
Public	University of Texas - Austin	304,294	23	9	345,992	21	7
Public	University of Texas - El Paso	17,592	290	149	19,194	265	135
Public	University of Texas HSC - Houston	53,566	134	83	55,453	135	84
Public	Univ. of Texas HSC - San Antonio	65,776	121	75	40,458	160	94
Public	U. of Texas MD Anderson Cancer Ctr.	149,750	54	30	208,482	33	15
Public	U. of Texas Med. Branch - Galveston	40,071	166	96	44,659	153	90
Public	Univ. of Texas SW Med. Ctr. - Dallas	121,379	69	41	181,153	42	21
Public	University of Utah	153,527	52	28	201,854	36	17
Public	University of Vermont	41,020	163	95	61,407	121	78
Public	University of Virginia	268,407	28	12	245,392	29	13
Public	University of Washington - Seattle	553,891	12	1	541,444	8	2
Public	University of Wisconsin - Madison	258,645	31	15	318,828	23	9

## The Top American Research Universities

2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank	2014 Annual Giving x \$1000	2014 National Rank	2014 Control Rank	2013 Annual Giving x \$1000	2013 National Rank	2013 Control Rank
90,650	93	56	92,519	84	48	62,465	113	70
95,602	91	55	85,269	91	53	84,201	86	52
19,358	254	126	26,912	193	108	17,759	248	133
62,590	117	75	66,508	112	69	55,700	121	75
177,235	40	19	177,193	38	17	169,548	37	18
159,532	48	25	146,748	46	23	122,102	54	29
176,704	42	21	129,794	57	29	135,754	45	23
118,190	74	43	105,565	75	42	78,903	93	57
86,309	100	61	85,065	92	54	123,415	52	28
69,153	109	67	62,004	120	74	109,647	63	36
7,663	476	212	9,143	411	192	21,057	220	120
122,694	66	37	81,788	95	56	79,118	92	56
35,327	170	99	33,918	169	99	31,914	174	100
8,328	458	204	4,855	600	247	10,158	379	175
193,809	35	20	186,528	36	21	180,538	34	18
394,310	18	4	432,596	13	4	351,552	14	4
344,303	22	7	287,361	24	10	219,905	28	12
108,689	79	46	118,745	64	33	103,979	71	44
177,321	39	18	116,724	68	37	120,093	57	32
89,054	94	57	83,219	94	55	70,505	103	62
100,048	85	51	38,414	158	92	28,426	186	107
9,605	413	188	18,350	257	134	20,880	221	121
68,992	110	68	73,517	106	64	65,919	107	66
301,177	25	10	298,804	23	9	272,767	22	9
9,284	427	194	9,079	416	193	9,080	400	186
379,869	19	15	320,316	21	14	247,928	24	14
64,872	115	73	34,274	167	97	32,210	172	99
252,475	27	12	126,639	61	32	162,048	39	20
145,109	54	29	68,221	108	65	185,648	33	16
517,198	9	8	483,569	7	6	506,607	6	6
124,602	65	36	117,068	67	36	127,859	49	26
17,563	267	131	14,627	299	151	12,649	334	164
108,217	80	34	120,038	63	31	90,023	81	32
113,506	76	44	115,683	69	38	107,008	66	39
59,903	121	76	37,419	160	93	36,520	158	90
653,025	3	3	731,933	3	3	674,512	3	3
119,749	70	39	111,303	72	39	104,164	70	43
310,212	24	9	529,391	6	1	290,987	19	7
16,668	279	140	18,502	251	131	27,502	189	108
46,346	144	87	37,179	161	94	39,323	149	83
42,764	151	91	44,606	143	85	37,617	155	88
176,908	41	20	163,188	40	19	212,506	30	14
41,039	155	93	40,965	150	88	29,682	180	104
149,243	53	28	127,930	60	31	104,866	68	41
126,244	64	35	194,893	34	14	213,984	29	13
40,458	157	95	37,119	162	95	37,003	157	89
233,218	30	13	214,412	31	13	224,541	27	11
447,021	12	3	478,072	8	2	322,231	17	6
330,454	23	8	249,661	28	11	360,689	13	3

Annual Giving		2017	2017	2017	2016	2016	2016
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 Wyoming	37,130	178	103	49,374	141	86
Public	Utah State University	38,751	168	98	34,359	180	104
Private	Vanderbilt University	193,581	41	22	143,605	58	26
Public	Virginia Commonwealth University	57,270	129	80	69,180	111	71
Public	Virginia Polytechnic Inst. and St. U.	122,042	65	37	100,057	80	48
Private	Wake Forest University	105,164	79	30	88,787	94	36
Public	Washington State Univ. - Pullman	82,555	107	66	103,845	75	45
Private	Washington University in St. Louis	281,491	26	16	269,877	26	15
Public	Wayne State University	77,544	111	69	60,708	123	79
Private	Weill Cornell Medical College	122,348	64	28	85,207	96	37
Public	West Virginia University	100,497	83	52	74,882	105	66
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	595,886	9	9	519,146	9	7
Private	Yeshiva University	41,343	161	68	39,298	165	71

## The Top American Research Universities

2015 Annual Giving x \$1000	2015 National Rank	2015 Control Rank	2014 Annual Giving x \$1000	2014 National Rank	2014 Control Rank	2013 Annual Giving x \$1000	2013 National Rank	2013 Control Rank
48,390	140	83	28,541	189	107	43,884	137	81
52,076	130	81	33,941	168	98	32,488	170	97
121,909	69	31	157,510	41	22	145,433	44	22
67,256	113	71	64,190	117	72	59,238	117	74
86,391	99	60	78,141	103	61	86,970	83	50
99,763	86	35	91,772	85	37	79,631	90	35
106,370	81	47	85,672	89	51	45,336	132	78
246,714	29	17	274,498	25	15	233,019	26	16
47,983	141	84						
156,176	49	24	204,237	32	19	148,460	43	21
110,384	77	45	85,323	90	52	99,034	76	46
440,807	14	11	430,309	14	10	444,171	8	8
59,420	123	47	63,153	118	46	75,591	99	39

National Academy Membership		2017	2017	2017	2016	2016	2016
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	22	56	29	22	53	28
Public	Auburn University	1	161	97	1	162	98
Public	Augusta University	0	228	140	0	224	137
Private	Baylor College of Medicine	25	49	24	25	50	24
Private	Boston University	19	61	30	19	61	30
Private	Brandeis University	11	72	34	11	71	35
Private	Brown University	23	52	26	21	56	28
Private	California Institute of Technology	114	12	8	114	11	8
Private	Carnegie Mellon University	44	29	18	43	28	17
Private	Case Western Reserve University	22	56	28	22	53	26
Public	Clemson University	2	137	83	2	136	81
Public	Cleveland State University	0	228	140	0	224	137
Private	Cold Spring Harbor Laboratory	6	100	42	5	103	42
Public	Colorado State Univ. - Fort Collins	8	86	49	8	87	50
Private	Columbia University	133	6	4	136	5	4
Private	Cornell University	63	20	12	63	20	12
Private	Dartmouth College	16	62	31	16	62	31
Private	Drexel University	8	86	38	8	87	38
Private	Duke University	70	17	10	67	19	11
Private	Emory University	33	35	19	31	38	20
Public	Florida International University	2	137	83	2	136	81
Public	Florida State University	8	86	49	8	87	50
Public	George Mason University	2	137	83	2	136	81
Private	George Washington University	11	72	34	11	71	35
Private	Georgetown University	10	75	37	9	78	37
Public	Georgia Institute of Technology	31	39	19	31	38	19
Public	Georgia State University	0	228	140	0	224	137
Private	Harvard University	401	1	1	382	1	1
Private	Icahn School of Med. at Mount Sinai	23	52	26	20	59	29
Public	Indiana University - Bloomington	15	64	33	13	67	36
Public	Iowa State University	10	75	39	9	78	42
Private	Johns Hopkins University	107	14	9	101	14	9
Public	Kansas State University	1	161	97	1	162	98
Public	Louisiana State Univ. - Baton Rouge	3	120	74	2	136	81
Private	Massachusetts Inst. of Technology	271	3	3	267	3	3
Private	Medical College of Wisconsin	3	120	47	3	120	48
Public	Medical University of South Carolina	3	120	74	2	136	81
Public	Michigan State University	15	64	33	14	63	32
Public	Mississippi State University	1	161	97	1	162	98
Public	Montana State University - Bozeman	1	161	97	1	162	98
Public	Naval Postgraduate School	3	120	74	3	120	73
Public	New Jersey Institute of Technology	1	161	97	1	162	98
Public	New Mexico State Univ. - Las Cruces	0	228	140	0	224	137
Private	New York University	58	21	13	56	22	13
Public	North Carolina State University	22	56	29	21	56	29
Private	Northeastern University	3	120	47	3	120	48
Private	Northwestern University	45	28	17	42	29	18
Public	Ohio State University - Columbus	32	36	17	33	35	16
Public	Oklahoma State University - Stillwater	3	120	74	3	120	73



# The Top American Research Universities

2015 National Academy Membership	2015 National Rank	2015 Control Rank	2014 National Academy Membership	2014 National Rank	2014 Control Rank	2013 National Academy Membership	2013 National Rank	2013 Control Rank
22	55	29	22	53	28	21	54	29
1	163	100	1	165	102	1	165	101
0	221	136	0	222	137	0	220	137
24	50	24	24	50	25	22	51	25
20	58	28	21	55	26	20	56	27
11	70	34	11	68	33	12	67	33
22	55	27	19	60	29	18	58	29
112	12	8	113	11	7	111	10	7
39	31	18	37	32	18	37	31	18
20	58	28	20	57	28	19	57	28
2	142	87	2	140	85	2	137	82
0	221	136	0	222	137	0	220	137
5	104	43	4	108	44	4	105	44
9	77	41	8	81	44	5	101	59
134	6	4	131	6	4	125	6	4
62	20	12	61	20	12	61	20	12
15	62	31	13	66	32	14	64	31
7	92	39	7	89	39	6	95	41
66	19	11	65	19	11	63	18	10
32	35	20	28	41	20	27	41	20
1	163	100	1	165	102	1	165	101
7	92	54	6	96	55	6	95	55
2	142	87	2	140	85	2	137	82
12	68	33	10	72	35	10	69	35
9	77	37	10	72	35	10	69	35
31	38	18	26	46	24	26	43	22
0	221	136	0	222	137	0	220	137
371	1	1	370	1	1	356	1	1
17	61	30	16	61	30	16	61	30
8	84	47	8	81	44	8	83	46
8	84	47	5	103	61	7	90	51
97	15	9	95	15	9	91	15	9
1	163	100	1	165	102	1	165	101
3	119	73	3	117	72	3	115	69
268	3	3	265	3	3	270	3	3
3	119	47	3	117	46	3	115	47
3	119	73	3	117	72	3	115	69
13	65	34	12	67	35	10	69	35
1	163	100	2	140	85	2	137	82
0	221	136	0	222	137	0	220	137
3	119	73	3	117	72	3	115	69
1	163	100	2	140	85	2	137	82
0	221	136	0	222	137	0	220	137
59	21	13	53	23	13	52	23	13
20	58	31	20	57	30	18	58	30
3	119	47	3	117	46	3	115	47
43	28	17	43	28	17	43	28	17
32	35	16	32	36	17	32	34	16
3	119	73	3	117	72	3	115	69

National Academy Membership		2017	2017	2017	2016	2016	2016
Institutions with Over \$40 Million in Federal Research, Alphabetically		National Academy Membership	National Rank	Control Rank	National Academy Membership	National Rank	Control Rank
Public	Oregon Health & Science University	10	75	39	10	74	38
Public	Oregon State University	4	113	70	5	103	62
Public	Penn. St. Univ. - Hershey Med. Ctr.	2	137	83	2	136	81
Public	Pennsylvania State Univ. - Univ. Park	27	45	23	28	43	23
Private	Princeton University	125	8	6	126	7	5
Public	Purdue University - West Lafayette	27	45	23	28	43	23
Private	Rensselaer Polytechnic Institute	7	96	39	7	94	39
Private	Rice University	24	50	25	24	51	25
Private	Rockefeller University	54	24	14	51	24	14
Private	Rush University	3	120	47	3	120	48
Public	Rutgers University - New Brunswick	36	32	14	36	32	14
Public	San Diego State University	0	228	140	0	224	137
Private	Scripps Research Institute	29	42	21	27	46	22
Private	Stanford University	342	2	2	340	2	2
Public	Stony Brook University	14	66	35	14	63	32
Public	Temple University	5	104	62	5	103	62
Public	Texas A&M Univ. - College Station	38	31	13	32	36	17
Private	Thomas Jefferson University	3	120	47	4	111	44
Private	Tufts University	11	72	34	12	70	34
Private	Tulane University	2	137	55	2	136	56
Public	U.S. Air Force Academy	0	228	140	0	224	137
Public	Uniformed Services Univ. of the HS	4	113	70	4	111	68
Public	University at Albany	1	161	97	1	162	98
Public	University at Buffalo	7	96	58	8	87	50
Public	University of Alabama - Birmingham	8	86	49	7	94	56
Public	University of Alabama - Huntsville	1	161	97	1	162	98
Public	University of Alaska - Fairbanks	1	161	97	2	136	81
Public	University of Arizona	30	41	21	29	41	21
Public	Univ. of Arkansas for Med. Sciences	1	161	97	1	162	98
Public	University of California - Berkeley	227	4	1	230	4	1
Public	University of California - Davis	47	26	11	46	27	11
Public	University of California - Irvine	31	39	19	30	40	20
Public	University of California - Los Angeles	102	15	6	100	15	6
Public	University of California - Riverside	8	86	49	9	78	42
Public	University of California - San Diego	118	9	3	119	8	3
Public	Univ. of California - San Francisco	134	5	2	133	6	2
Public	Univ. of California - Santa Barbara	56	22	9	58	21	9
Public	University of California - Santa Cruz	10	75	39	9	78	42
Public	University of Central Florida	5	104	62	1	162	98
Private	University of Chicago	70	17	10	70	17	10
Public	University of Cincinnati - Cincinnati	8	86	49	8	87	50
Public	University of Colorado - Boulder	32	36	17	29	41	21
Public	U. of Colorado - Denv./Anschutz Med.	14	66	35	14	63	32
Public	Univ. of Connecticut - Health Center	5	104	62	4	111	68
Public	University of Connecticut - Storrs	1	161	97	1	162	98
Private	University of Dayton	0	228	89	0	224	88
Public	University of Delaware	8	86	49	8	87	50
Public	University of Florida	29	42	22	26	49	26
Public	University of Georgia	8	86	49	7	94	56

# The Top American Research Universities

2015 National Academy Membership	2015 National Rank	2015 Control Rank	2014 National Academy Membership	2014 National Rank	2014 Control Rank	2013 National Academy Membership	2013 National Rank	2013 Control Rank
10	73	37	10	72	38	9	74	37
5	104	62	4	108	65	4	105	62
2	142	87	2	140	85	2	137	82
27	43	22	27	43	22	26	43	22
120	7	5	124	7	5	120	7	5
27	43	22	27	43	22	25	47	25
7	92	39	7	89	39	8	83	38
25	48	23	25	48	24	25	47	23
51	24	14	47	25	15	46	26	16
2	142	56	2	140	56	2	137	56
39	31	14	36	33	15	37	31	14
0	221	136	0	222	137	0	220	137
26	46	22	28	41	20	26	43	22
320	2	2	316	2	2	310	2	2
14	63	32	15	63	33	14	64	34
4	111	68	3	117	72	3	115	69
27	43	22	24	50	26	22	51	27
4	111	44	3	117	46	3	115	47
11	70	34	11	68	33	11	68	34
1	163	64	1	165	64	1	165	65
0	221	136	0	222	137	0	220	137
4	111	68	4	108	65	4	105	62
2	142	87	2	140	85	2	137	82
8	84	47	7	89	51	7	90	51
8	84	47	8	81	44	7	90	51
0	221	136	0	222	137	0	220	137
2	142	87	1	165	102	1	165	101
31	38	18	30	37	18	28	40	21
1	163	100	1	165	102	1	165	101
230	4	1	230	4	1	227	4	1
45	27	11	46	27	11	44	27	11
31	38	18	30	37	18	30	38	19
101	14	6	100	14	6	95	14	6
8	84	47	8	81	44	8	83	46
117	8	3	118	8	3	117	8	3
135	5	2	132	5	2	129	5	2
56	22	9	58	21	9	57	21	9
10	73	37	11	68	36	9	74	37
1	163	100	1	165	102	1	165	101
69	17	10	67	18	10	63	18	10
8	84	47	8	81	44	9	74	37
30	41	21	30	37	18	30	38	19
14	63	32	15	63	33	15	62	32
4	111	68	4	108	65	4	105	62
1	163	100	1	165	102	1	165	101
0	221	86	0	222	86	0	220	84
7	92	54	7	89	51	7	90	51
25	48	26	25	48	25	24	49	26
6	99	58	6	96	55	6	95	55

National Academy Membership							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2017	2017	2016	2016	2016
		National Academy Membership	National Rank	Control Rank	National Academy Membership	National Rank	Control Rank
Public	University of Hawaii - Manoa	10	75	39	10	74	38
Public	University of Houston - Univ. Park	14	66	35	10	74	38
Public	University of Idaho	0	228	140	0	224	137
Public	University of Illinois - Chicago	6	100	59	6	99	59
Public	Univ. of Illinois - Urbana-Champaign	55	23	10	56	22	10
Public	University of Iowa	20	60	31	20	59	31
Public	University of Kansas - Lawrence	5	104	62	5	103	62
Public	University of Kentucky	2	137	83	2	136	81
Public	University of Louisville	1	161	97	2	136	81
Public	University of Maryland - Baltimore	9	82	45	9	78	42
Public	Univ. of Maryland - Baltimore County	1	161	97	1	162	98
Public	University of Maryland - College Park	24	50	26	27	46	25
Public	Univ. of Massachusetts - Amherst	8	86	49	9	78	42
Public	Univ. of Mass. Med. Sch. - Worcester	8	86	49	7	94	56
Private	University of Miami	12	71	33	13	67	32
Public	University of Michigan - Ann Arbor	118	9	3	113	12	4
Public	University of Minnesota - Twin Cities	43	30	12	41	30	12
Public	University of Missouri - Columbia	9	82	45	9	78	42
Public	University of Nebraska - Lincoln	2	137	83	3	120	73
Public	Univ. of Nebraska Medical Center	1	161	97	1	162	98
Public	University of Nevada - Reno	2	137	83	2	136	81
Public	Univ. of New Hampshire - Durham	0	228	140	0	224	137
Public	Univ. of New Mexico - Albuquerque	5	104	62	5	103	62
Public	Univ. of North Carolina - Chapel Hill	36	32	14	38	31	13
Public	University of North Dakota	0	228	140	0	224	137
Private	University of Notre Dame	4	113	44	4	111	44
Public	University of Oklahoma - HSC	1	161	97	1	162	98
Public	University of Oklahoma - Norman	1	161	97	1	162	98
Public	University of Oregon	10	75	39	9	78	42
Private	University of Pennsylvania	127	7	5	118	9	6
Public	University of Pittsburgh - Pittsburgh	27	45	23	32	36	17
Public	University of Rhode Island	2	137	83	2	136	81
Private	University of Rochester	22	56	28	22	53	26
Public	Univ. of South Carolina - Columbia	1	161	97	0	224	137
Public	University of South Florida - Tampa	10	75	39	8	87	50
Private	University of Southern California	46	27	16	48	25	15
Public	University of Tennessee - Knoxville	6	100	59	6	99	59
Public	University of Texas - Austin	69	19	8	70	17	8
Public	University of Texas - El Paso	0	228	140	0	224	137
Public	University of Texas HSC - Houston	5	104	62	4	111	68
Public	Univ. of Texas HSC - San Antonio	5	104	62	5	103	62
Public	U. of Texas MD Anderson Cancer Ctr.	16	62	32	11	71	37
Public	U. of Texas Med. Branch - Galveston	3	120	74	3	120	73
Public	Univ. of Texas SW Med. Ctr. - Dallas	36	32	14	36	32	14
Public	University of Utah	23	52	27	21	56	29
Public	University of Vermont	2	137	83	2	136	81
Public	University of Virginia	23	52	27	23	52	27
Public	University of Washington - Seattle	111	13	5	110	13	5
Public	University of Wisconsin - Madison	75	16	7	77	16	7

# The Top American Research Universities

2015 National Academy Membership	2015 National Rank	2015 Control Rank	2014 National Academy Membership	2014 National Rank	2014 Control Rank	2013 National Academy Membership	2013 National Rank	2013 Control Rank
10	73	37	8	81	44	9	74	37
9	77	41	9	78	41	9	74	37
0	221	136	0	222	137	0	220	137
6	99	58	7	89	51	8	83	46
56	22	9	55	22	10	57	21	9
22	55	29	22	53	28	22	51	27
5	104	62	5	103	61	5	101	59
3	119	73	3	117	72	3	115	69
2	142	87	2	140	85	2	137	82
9	77	41	9	78	41	9	74	37
0	221	136	0	222	137	0	220	137
26	46	25	30	37	18	31	36	18
7	92	54	7	89	51	8	83	46
7	92	54	6	96	55	5	101	59
11	70	34	10	72	35	10	69	35
108	13	5	106	13	5	100	13	5
41	29	12	40	29	12	39	29	12
9	77	41	8	81	44	8	83	46
3	119	73	2	140	85	2	137	82
1	163	100	1	165	102	1	165	101
2	142	87	2	140	85	2	137	82
0	221	136	0	222	137	0	220	137
5	104	62	4	108	65	3	115	69
38	33	15	38	30	13	34	33	15
0	221	136	0	222	137	0	220	137
4	111	44	3	117	46	4	105	44
1	163	100	1	165	102	1	165	101
1	163	100	1	165	102	1	165	101
9	77	41	10	72	38	9	74	37
117	8	6	114	10	6	114	9	6
32	35	16	33	35	16	32	34	16
2	142	87	2	140	85	2	137	82
24	50	24	26	46	23	27	41	20
1	163	100	2	140	85	2	137	82
8	84	47	6	96	55	3	115	69
50	25	15	51	24	14	50	24	14
5	104	62	5	103	61	4	105	62
69	17	8	72	17	8	69	17	8
0	221	136	0	222	137	0	220	137
3	119	73	3	117	72	3	115	69
5	104	62	4	108	65	4	105	62
12	68	36	11	68	36	9	74	37
3	119	73	3	117	72	3	115	69
40	30	13	38	30	13	38	30	13
23	54	28	20	57	30	17	60	31
2	142	87	2	140	85	2	137	82
24	50	27	24	50	26	26	43	22
115	10	4	116	9	4	110	12	4
77	16	7	75	16	7	70	16	7

**National Academy Membership**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 National Academy Membership	2017 National Rank	2017 Control Rank	2016 National Academy Membership	2016 National Rank	2016 Control Rank
Public	University of Wyoming	2	137	83	2	136	81
Public	Utah State University	0	228	140	0	224	137
Private	Vanderbilt University	32	36	20	34	34	19
Public	Virginia Commonwealth University	6	100	59	6	99	59
Public	Virginia Polytechnic Inst. and St. U.	14	66	35	14	63	32
Private	Wake Forest University	7	96	39	6	99	41
Public	Washington State Univ. - Pullman	9	82	45	9	78	42
Private	Washington University in St. Louis	53	25	15	48	25	15
Public	Wayne State University	3	120	74	3	120	73
Private	Weill Cornell Medical College	27	45	23	28	43	21
Public	West Virginia University	2	137	83	2	136	81
Private	Woods Hole Oceanographic Inst.	2	137	55	3	120	48
Private	Yale University	118	9	7	117	10	7
Private	Yeshiva University	13	70	32	13	67	32

2015 National Academy Membership	2015 National Rank	2015 Control Rank	2014 National Academy Membership	2014 National Rank	2014 Control Rank	2013 National Academy Membership	2013 National Rank	2013 Control Rank
2	142	87	2	140	85	2	137	82
0	221	136	0	222	137	0	220	137
36	34	19	34	34	19	31	36	19
6	99	58	6	96	55	6	95	55
13	65	34	16	61	32	15	62	32
7	92	39	6	96	42	5	101	43
9	77	41	9	78	41	9	74	37
46	26	16	47	25	15	48	25	15
3	119	73	3	117	72	2	137	82
28	42	21	27	43	22	24	49	24
2	142	87	1	165	102	1	165	101
3	119	47	3	117	46	3	115	47
114	11	7	111	12	8	111	10	7
13	65	32	14	65	31	13	66	32

Faculty Awards		2017	2017	2017	2016	2016	2016
Institutions with Over \$40 Million in Federal Research, Alphabetically		Faculty Awards	National Rank	Control Rank	Faculty Awards	National Rank	Control Rank
Public	Arizona State University	25	21	9	19	28	15
Public	Auburn University	3	149	99	5	101	66
Public	Augusta University	0	487	296	0	460	272
Private	Baylor College of Medicine	7	87	34	4	121	44
Private	Boston University	13	44	18	10	58	22
Private	Brandeis University	4	125	42	7	81	31
Private	Brown University	14	43	17	16	35	16
Private	California Institute of Technology	17	37	16	8	69	27
Private	Carnegie Mellon University	9	69	27	16	35	16
Private	Case Western Reserve University	10	60	24	12	51	21
Public	Clemson University	9	69	43	5	101	66
Public	Cleveland State University	0	487	296	0	460	272
Private	Cold Spring Harbor Laboratory	2	187	124	1	246	158
Public	Colorado State Univ. - Fort Collins	5	113	75	4	121	78
Private	Columbia University	31	13	9	25	15	6
Private	Cornell University	29	16	10	20	25	12
Private	Dartmouth College	9	69	27	9	63	25
Private	Drexel University	4	125	42	5	101	36
Private	Duke University	27	18	12	25	15	6
Private	Emory University	12	48	20	18	30	14
Public	Florida International University	2	187	124	3	142	93
Public	Florida State University	10	60	37	9	63	39
Public	George Mason University	5	113	75	3	142	93
Private	George Washington University	10	60	24	8	69	27
Private	Georgetown University	8	78	31	2	178	64
Public	Georgia Institute of Technology	19	32	18	19	28	15
Public	Georgia State University	5	113	75	5	101	66
Private	Harvard University	75	1	1	66	1	1
Private	Icahn School of Med. at Mount Sinai	5	113	39	5	101	36
Public	Indiana University - Bloomington	20	28	15	16	35	20
Public	Iowa State University	11	54	33	7	81	51
Private	Johns Hopkins University	28	17	11	21	21	9
Public	Kansas State University	7	87	54	7	81	51
Public	Louisiana State Univ. - Baton Rouge	6	102	66	3	142	93
Private	Massachusetts Inst. of Technology	43	6	3	33	8	4
Private	Medical College of Wisconsin	0	487	190	0	460	188
Public	Medical University of South Carolina	1	270	179	1	246	158
Public	Michigan State University	13	44	27	12	51	31
Public	Mississippi State University	0	487	296	1	246	158
Public	Montana State University - Bozeman	3	149	99	3	142	93
Public	Naval Postgraduate School	0	487	296	1	246	158
Public	New Jersey Institute of Technology	4	125	84	3	142	93
Public	New Mexico State Univ. - Las Cruces	2	187	124	2	178	115
Private	New York University	20	28	14	18	30	14
Public	North Carolina State University	19	32	18	20	25	14
Private	Northeastern University	12	48	20	9	63	25
Private	Northwestern University	36	10	7	25	15	6
Public	Ohio State University - Columbus	20	28	15	21	21	13
Public	Oklahoma State Univ. - Stillwater	0	487	296	3	142	93



# The Top American Research Universities

2015 Faculty Awards	2015 National Rank	2015 Control Rank	2014 Faculty Awards	2014 National Rank	2014 Control Rank	2013 Faculty Awards	2013 National Rank	2013 Control Rank
23	24	10	9	62	38	5	119	76
3	144	92	2	195	126	1	264	168
0	473	285	0	475	283	1	264	168
6	98	33	3	153	53	5	119	44
16	40	18	16	34	18	21	22	11
9	76	29	4	126	42	11	58	23
20	29	16	17	30	16	16	36	18
16	40	18	12	48	22	10	67	25
13	49	24	10	58	24	10	67	25
11	58	26	4	126	42	11	58	23
3	144	92	5	109	71	4	135	86
2	178	115	1	259	163	0	523	306
2	178	115	4	126	85	2	194	128
11	58	33	7	78	50	8	75	46
34	8	4	25	19	11	32	9	4
30	12	7	24	20	12	19	28	14
6	98	33	6	90	34	12	51	21
5	110	39	4	126	42	7	88	32
30	12	7	33	7	4	20	25	12
19	33	17	26	17	10	18	31	16
13	49	26	5	109	71	4	135	86
9	76	48	7	78	50	2	194	128
5	110	72	5	109	71	3	156	100
14	45	21	11	54	23	12	51	21
4	127	45	7	78	29	4	135	50
21	27	12	16	34	17	15	39	20
2	178	115	4	126	85	6	102	64
84	1	1	90	1	1	87	1	1
6	98	33	8	68	27	7	88	32
15	42	23	18	29	14	17	33	17
6	98	66	6	90	57	10	67	43
33	9	5	32	11	7	24	19	8
2	178	115	4	126	85	3	156	100
5	110	72	4	126	85	5	119	76
41	5	3	42	3	3	29	12	5
0	473	189	0	475	193	1	264	97
1	263	167	1	259	163	1	264	168
11	58	33	13	42	23	16	36	19
4	127	83	1	259	163	1	264	168
2	178	115	1	259	163	4	135	86
0	473	285	1	259	163	0	523	306
0	473	285	0	475	283	4	135	86
6	98	66	2	195	126	1	264	168
27	22	13	29	13	8	25	18	7
11	58	33	12	48	27	14	44	24
14	45	21	9	62	25	8	75	30
33	9	5	28	15	9	22	21	10
17	38	21	13	42	23	29	12	8
3	144	92	5	109	71	3	156	100

Faculty Awards							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2017	2017	2016	2016	2016
		Faculty Awards	National Rank	Control Rank	Faculty Awards	National Rank	Control Rank
Public	Oregon Health & Science University	9	69	43	4	121	78
Public	Oregon State University	7	87	54	10	58	37
Public	Penn. St. Univ. - Hershey Med. Ctr.	2	187	124	2	178	115
Public	Pennsylvania State Univ. - Univ. Park	24	22	10	22	19	11
Private	Princeton University	40	7	4	20	25	12
Public	Purdue University - West Lafayette	12	48	29	27	12	7
Private	Rensselaer Polytechnic Institute	2	187	64	4	121	44
Private	Rice University	7	87	34	8	69	27
Private	Rockefeller University	9	69	27	7	81	31
Private	Rush University	0	487	190	0	460	188
Public	Rutgers University - New Brunswick	16	41	25	12	51	31
Public	San Diego State University	5	113	75	3	142	93
Private	Scripps Research Institute	8	78	31	10	58	22
Private	Stanford University	62	2	2	48	2	2
Public	Stony Brook University	8	78	48	8	69	43
Public	Temple University	8	78	48	5	101	66
Public	Texas A&M Univ. - College Station	8	78	48	8	69	43
Private	Thomas Jefferson University	0	487	190	0	460	188
Private	Tufts University	8	78	31	8	69	27
Private	Tulane University	5	113	39	6	92	34
Public	U.S. Air Force Academy	1	270	179	1	246	158
Public	Uniformed Services Univ. of the HS	0	487	296	2	178	115
Public	University at Albany	3	149	99	2	178	115
Public	University at Buffalo	11	54	33	6	92	59
Public	University of Alabama - Birmingham	2	187	124	3	142	93
Public	University of Alabama - Huntsville	2	187	124	0	460	272
Public	University of Alaska - Fairbanks	2	187	124	0	460	272
Public	University of Arizona	12	48	29	13	46	27
Public	Univ. of Arkansas for Med. Sciences	0	487	296	0	460	272
Public	University of California - Berkeley	44	5	3	36	5	3
Public	University of California - Davis	10	60	37	14	45	26
Public	University of California - Irvine	22	27	14	15	41	22
Public	University of California - Los Angeles	30	14	5	22	19	11
Public	University of California - Riverside	17	37	22	12	51	31
Public	University of California - San Diego	30	14	5	25	15	10
Public	Univ. of California - San Francisco	18	34	20	28	9	5
Public	Univ. of California - Santa Barbara	7	87	54	8	69	43
Public	University of California - Santa Cruz	6	102	66	8	69	43
Public	University of Central Florida	7	87	54	8	69	43
Private	University of Chicago	33	12	8	21	21	9
Public	University of Cincinnati - Cincinnati	6	102	66	13	46	27
Public	University of Colorado - Boulder	18	34	20	16	35	20
Public	U. of Colorado - Denv./Anschutz Med.	4	125	84	7	81	51
Public	Univ. of Connecticut - Health Center	2	187	124	2	178	115
Public	University of Connecticut - Storrs	10	60	37	15	41	22
Private	University of Dayton	1	270	92	0	460	188
Public	University of Delaware	11	54	33	4	121	78
Public	University of Florida	17	37	22	15	41	22
Public	University of Georgia	10	60	37	9	63	39

# The Top American Research Universities

2015 Faculty Awards	2015 National Rank	2015 Control Rank	2014 Faculty Awards	2014 National Rank	2014 Control Rank	2013 Faculty Awards	2013 National Rank	2013 Control Rank
8	85	56	5	109	71	7	88	57
5	110	72	6	90	57	8	75	46
2	178	115	2	195	126	2	194	128
19	33	17	14	38	20	21	22	12
22	26	15	24	20	12	17	33	17
19	33	17	15	36	18	14	44	24
5	110	39	5	109	39	7	88	32
6	98	33	7	78	29	6	102	39
7	90	31	7	78	29	7	88	32
0	473	189	0	475	193	0	523	218
20	29	14	21	26	11	20	25	14
3	144	92	3	153	101	5	119	76
8	85	30	13	42	20	10	67	25
56	2	2	46	2	2	48	3	2
10	67	40	11	54	32	11	58	36
10	67	40	8	68	42	8	75	46
14	45	25	6	90	57	18	31	16
1	263	97	1	259	97	1	264	97
6	98	33	6	90	34	8	75	30
4	127	45	3	153	53	3	156	57
1	263	167	1	259	163	0	523	306
2	178	115	2	195	126	2	194	128
4	127	83	5	109	71	2	194	128
6	98	66	6	90	57	13	47	27
0	473	285	4	126	85	1	264	168
2	178	115	1	259	163	1	264	168
2	178	115	3	153	101	3	156	100
9	76	48	10	58	35	12	51	31
0	473	285	1	259	163	1	264	168
45	3	1	42	3	1	32	9	6
12	54	30	8	68	42	14	44	24
20	29	14	15	36	18	15	39	20
29	19	8	28	15	7	33	8	5
7	90	60	9	62	38	9	72	44
29	19	8	19	28	13	35	7	4
31	11	5	33	7	4	40	4	2
12	54	30	10	58	35	11	58	36
8	85	56	5	109	71	4	135	86
7	90	60	7	78	50	6	102	64
25	23	14	24	20	12	24	19	8
10	67	40	9	62	38	11	58	36
21	27	12	12	48	27	19	28	15
5	110	72	8	68	42	6	102	64
3	144	92	3	153	101	3	156	100
9	76	48	5	109	71	8	75	46
0	473	189	0	475	193	0	523	218
9	76	48	12	48	27	6	102	64
23	24	10	21	26	11	15	39	20
6	98	66	17	30	15	8	75	46

Faculty Awards							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2017	2017	2016	2016	2016
		Faculty Awards	National Rank	Control Rank	Faculty Awards	National Rank	Control Rank
Public	University of Hawaii - Manoa	6	102	66	5	101	66
Public	University of Houston - Univ. Park	7	87	54	7	81	51
Public	University of Idaho	3	149	99	3	142	93
Public	University of Illinois - Chicago	12	48	29	11	56	35
Public	Univ. of Illinois - Urbana-Champaign	35	11	4	38	4	2
Public	University of Iowa	7	87	54	9	63	39
Public	University of Kansas - Lawrence	8	78	48	4	121	78
Public	University of Kentucky	9	69	43	7	81	51
Public	University of Louisville	6	102	66	1	246	158
Public	University of Maryland - Baltimore	4	125	84	2	178	115
Public	Univ. of Maryland - Baltimore County	7	87	54	3	142	93
Public	University of Maryland - College Park	15	42	26	13	46	27
Public	Univ. of Massachusetts - Amherst	13	44	27	8	69	43
Public	Univ. of Mass. Med. Sch. - Worcester	10	60	37	11	56	35
Private	University of Miami	10	60	24	5	101	36
Public	University of Michigan - Ann Arbor	54	3	1	48	2	1
Public	University of Minnesota - Twin Cities	26	20	8	27	12	7
Public	University of Missouri - Columbia	7	87	54	7	81	51
Public	University of Nebraska - Lincoln	7	87	54	8	69	43
Public	Univ. of Nebraska Medical Center	1	270	179	0	460	272
Public	University of Nevada - Reno	3	149	99	2	178	115
Public	Univ. of New Hampshire - Durham	2	187	124	6	92	59
Public	Univ. of New Mexico - Albuquerque	11	54	33	9	63	39
Public	Univ. of North Carolina - Chapel Hill	24	22	10	28	9	5
Public	University of North Dakota	1	270	179	0	460	272
Private	University of Notre Dame	23	26	13	16	35	16
Public	University of Oklahoma - HSC	1	270	179	1	246	158
Public	University of Oklahoma - Norman	2	187	124	4	121	78
Public	University of Oregon	7	87	54	8	69	43
Private	University of Pennsylvania	40	7	4	34	7	3
Public	University of Pittsburgh - Pittsburgh	24	22	10	17	33	18
Public	University of Rhode Island	4	125	84	3	142	93
Private	University of Rochester	9	69	27	5	101	36
Public	Univ. of South Carolina - Columbia	12	48	29	5	101	66
Public	University of South Florida - Tampa	10	60	37	13	46	27
Private	University of Southern California	18	34	15	21	21	9
Public	University of Tennessee - Knoxville	8	78	48	17	33	18
Public	University of Texas - Austin	24	22	10	18	30	17
Public	University of Texas - El Paso	0	487	296	0	460	272
Public	University of Texas HSC - Houston	4	125	84	1	246	158
Public	Univ. of Texas HSC - San Antonio	1	270	179	0	460	272
Public	U. of Texas MD Anderson Cancer Ctr.	2	187	124	2	178	115
Public	U. of Texas Med. Branch - Galveston	0	487	296	0	460	272
Public	Univ. of Texas SW Med. Ctr. - Dallas	9	69	43	12	51	31
Public	University of Utah	7	87	54	15	41	22
Public	University of Vermont	5	113	75	5	101	66
Public	University of Virginia	20	28	15	7	81	51
Public	University of Washington - Seattle	49	4	2	35	6	4
Public	University of Wisconsin - Madison	27	18	7	27	12	7

# The Top American Research Universities

2015 Faculty Awards	2015 National Rank	2015 Control Rank	2014 Faculty Awards	2014 National Rank	2014 Control Rank	2013 Faculty Awards	2013 National Rank	2013 Control Rank
4	127	83	5	109	71	11	58	36
4	127	83	7	78	50	5	119	76
2	178	115	0	475	283	4	135	86
11	58	33	12	48	27	8	75	46
30	12	6	35	5	2	29	12	8
10	67	40	11	54	32	12	51	31
11	58	33	14	38	20	8	75	46
10	67	40	9	62	38	12	51	31
5	110	72	3	153	101	5	119	76
3	144	92	4	126	85	6	102	64
2	178	115	4	126	85	3	156	100
20	29	14	14	38	20	11	58	36
17	38	21	10	58	35	12	51	31
12	54	30	12	48	27	13	47	27
7	90	31	8	68	27	7	88	32
42	4	2	34	6	3	50	2	1
35	7	4	26	17	8	32	9	6
9	76	48	7	78	50	6	102	64
3	144	92	4	126	85	9	72	44
0	473	285	0	475	283	0	523	306
0	473	285	3	153	101	6	102	64
3	144	92	6	90	57	2	194	128
10	67	40	8	68	42	7	88	57
19	33	17	24	20	9	21	22	12
2	178	115	2	195	126	1	264	168
14	45	21	14	38	19	15	39	20
0	473	285	0	475	283	0	523	306
9	76	48	6	90	57	3	156	100
11	58	33	6	90	57	7	88	57
30	12	7	33	7	4	29	12	5
13	49	26	24	20	9	28	16	10
2	178	115	2	195	126	4	135	86
12	54	25	3	153	53	6	102	39
9	76	48	6	90	57	8	75	46
13	49	26	8	68	42	7	88	57
30	12	7	23	25	15	19	28	14
8	85	56	7	78	50	11	58	36
19	33	17	17	30	15	17	33	17
1	263	167	3	153	101	1	264	168
2	178	115	5	109	71	1	264	168
0	473	285	1	259	163	1	264	168
3	144	92	2	195	126	1	264	168
0	473	285	0	475	283	1	264	168
13	49	26	13	42	23	15	39	20
10	67	40	13	42	23	13	47	27
5	110	72	6	90	57	6	102	64
15	42	23	11	54	32	11	58	36
39	6	3	30	12	5	39	5	3
30	12	6	29	13	6	26	17	11

Faculty Awards		2017	2017	2017	2016	2016	2016
Institutions with Over \$40 Million in Federal Research, Alphabetically		Faculty Awards	National Rank	Control Rank	Faculty Awards	National Rank	Control Rank
Public	University of Wyoming	6	102	66	1	246	158
Public	Utah State University	8	78	48	7	81	51
Private	Vanderbilt University	11	54	22	13	46	20
Public	Virginia Commonwealth University	6	102	66	2	178	115
Public	Virginia Polytechnic Inst. and St. U.	17	37	22	6	92	59
Private	Wake Forest University	4	125	42	3	142	50
Public	Washington State Univ. - Pullman	6	102	66	10	58	37
Private	Washington University in St. Louis	13	44	18	16	35	16
Public	Wayne State University	4	125	84	3	142	93
Private	Weill Cornell Medical College	11	54	22	10	58	22
Public	West Virginia University	5	113	75	5	101	66
Private	Woods Hole Oceanographic Inst.	0	487	190	0	460	188
Private	Yale University	37	9	6	28	9	5
Private	Yeshiva University	3	149	51	4	121	44

2015 Faculty Awards	2015 National Rank	2015 Control Rank	2014 Faculty Awards	2014 National Rank	2014 Control Rank	2013 Faculty Awards	2013 National Rank	2013 Control Rank
3	144	92	6	90	57	3	156	100
3	144	92	4	126	85	7	88	57
15	42	20	13	42	20	16	36	18
6	98	66	6	90	57	13	47	27
10	67	40	8	68	42	7	88	57
3	144	53	6	90	34	7	88	32
7	90	60	6	90	57	8	75	46
29	19	12	17	30	16	20	25	12
5	110	72	8	68	42	6	102	64
10	67	28	9	62	25	9	72	29
8	85	56	5	109	71	8	75	46
1	263	97	1	259	97	2	194	67
30	12	7	33	7	4	37	6	3
5	110	39	7	78	29	7	88	32

## The Top American Research Universities

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank
Public	Arizona State University	677	18	13	674	14	11
Public	Auburn University	289	72	54	272	79	59
Public	Augusta University	17	390	221	20	377	215
Private	Baylor College of Medicine	99	174	56	94	179	59
Private	Boston University	509	33	10	579	22	7
Private	Brandeis University	86	191	62	83	192	64
Private	Brown University	210	100	30	235	88	24
Private	California Institute of Technology	180	113	36	190	105	32
Private	Carnegie Mellon University	288	73	19	323	60	18
Private	Case Western Reserve University	206	103	32	230	90	25
Public	Clemson University	231	93	67	233	89	65
Public	Cleveland State University	51	254	161	54	238	154
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	223	96	68	249	85	62
Private	Columbia University	570	23	8	587	21	6
Private	Cornell University	501	35	11	497	35	11
Private	Dartmouth College	83	197	65	87	185	62
Private	Drexel University	227	95	28	214	95	28
Private	Duke University	685	16	4	537	26	9
Private	Emory University	251	86	23	251	84	23
Public	Florida International University	199	106	74	151	123	86
Public	Florida State University	398	46	33	386	48	33
Public	George Mason University	283	75	55	322	62	44
Private	George Washington University	251	86	23	264	81	22
Private	Georgetown University	124	148	44	124	146	49
Public	Georgia Institute of Technology	508	34	24	531	28	19
Public	Georgia State University	262	83	62	223	91	66
Private	Harvard University	718	13	3	713	12	3
Private	Icahn School of Med. at Mount Sinai	49	260	96	23	352	153
Public	Indiana University - Bloomington	485	37	26	485	38	26
Public	Iowa State University	374	50	35	327	59	42
Private	Johns Hopkins University	553	26	9	528	30	10
Public	Kansas State University	191	109	76	179	110	76
Public	Louisiana State Univ. - Baton Rouge	315	66	48	344	56	39
Private	Massachusetts Inst. of Technology	622	21	6	646	17	5
Private	Medical College of Wisconsin	29	342	146	24	345	148
Public	Medical University of South Carolina	179	115	79	181	109	75
Public	Michigan State University	552	27	18	533	27	18
Public	Mississippi State University	176	117	80	153	121	85
Public	Montana State University - Bozeman	66	218	145	52	248	159
Public	Naval Postgraduate School	19	380	214	15	418	231
Public	New Jersey Institute of Technology	59	231	151	57	232	151
Public	New Mexico State Univ. - Las Cruces	103	167	116	105	167	113
Private	New York University	445	40	13	489	37	12
Public	North Carolina State University	540	29	20	518	33	23
Private	Northeastern University	228	94	27	186	107	33
Private	Northwestern University	454	39	12	467	40	13
Public	Ohio State University - Columbus	818	5	5	807	4	4
Public	Oklahoma State Univ. - Stillwater	223	96	68	256	82	60



# The Top American Research Universities

2015 Doctorates	2015 National Rank	2015 Control Rank	2014 Doctorates	2014 National Rank	2014 Control Rank	2013 Doctorates	2013 National Rank	2013 Control Rank
687	14	12	596	20	16	611	19	15
257	80	58	249	83	59	237	80	59
29	314	191	28	315	193	22	340	198
111	157	50	105	166	52	85	179	61
484	36	11	513	27	9	488	31	11
100	170	55	97	172	54	93	168	56
215	94	26	227	91	26	205	96	29
182	110	32	181	107	33	236	81	22
333	62	19	341	57	18	295	67	19
197	101	30	199	98	28	168	109	33
237	88	64	216	92	66	187	103	73
59	232	154	38	282	177	44	251	163
251	81	59	230	90	65	232	83	61
564	24	7	636	16	3	627	18	4
487	34	9	505	28	10	490	29	10
85	192	65	95	176	55	91	172	57
213	96	27	183	106	32	207	94	28
485	35	10	557	23	7	495	28	9
264	78	22	271	74	22	227	87	24
189	108	77	159	120	83	156	115	80
424	46	31	410	47	32	370	52	36
249	82	60	256	81	58	249	77	56
222	91	25	238	87	25	228	86	23
114	154	48	133	133	41	131	136	41
526	29	21	553	25	18	488	31	21
231	90	66	171	114	79	197	101	72
745	9	1	746	10	1	686	14	2
28	320	127	45	260	91	35	277	103
538	26	19	458	40	28	479	36	24
336	60	42	347	55	38	363	53	37
535	27	8	477	35	11	530	24	7
190	107	76	166	118	81	158	113	78
331	63	44	345	56	39	305	65	47
606	20	5	594	21	5	587	20	5
26	330	134	47	254	87	40	263	96
191	106	75	174	110	76	137	128	90
577	22	17	602	19	15	499	27	19
146	127	91	138	129	90	131	136	96
79	204	136	56	231	152	49	236	155
15	395	224	30	303	185	19	358	207
65	224	149	52	241	160	67	201	135
131	138	97	114	152	106	132	135	95
438	39	12	476	36	12	440	40	13
512	31	23	494	31	21	488	31	21
157	121	35	186	103	31	177	105	32
438	39	12	446	42	13	481	35	12
832	4	4	747	9	9	807	5	5
242	84	61	241	85	61	238	78	57

Doctorates Awarded							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2017	2017	2016	2016	2016
		Doctorates	National Rank	Control Rank	Doctorates	National Rank	Control Rank
Public	Oregon Health & Science University	49	260	165	44	272	174
Public	Oregon State University	276	78	57	214	95	68
Public	Penn. St. Univ. - Hershey Med. Ctr.	21	366	206	24	345	198
Public	Pennsylvania State Univ. - Univ. Park	695	15	12	659	16	12
Private	Princeton University	358	53	16	373	50	17
Public	Purdue University - West Lafayette	746	11	9	727	8	7
Private	Rensselaer Polytechnic Institute	122	150	46	142	132	41
Private	Rice University	215	98	29	211	97	29
Private	Rockefeller University	23	356	156	31	316	129
Private	Rush University	13	436	201	20	377	163
Public	Rutgers University - New Brunswick	636	19	14	620	19	14
Public	San Diego State University	90	182	125	85	191	128
Private	Scripps Research Institute						
Private	Stanford University	752	10	2	763	7	1
Public	Stony Brook University	317	64	46	350	53	36
Public	Temple University	274	79	58	256	82	60
Public	Texas A&M Univ. - College Station	761	9	8	705	13	10
Private	Thomas Jefferson University	30	334	141	13	428	196
Private	Tufts University	139	133	40	135	136	43
Private	Tulane University	146	130	39	135	136	43
Public	U.S. Air Force Academy						
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	167	121	84	193	104	73
Public	University at Buffalo	343	56	40	340	57	40
Public	University of Alabama - Birmingham	126	144	101	149	127	89
Public	University of Alabama - Huntsville	41	290	178	34	304	184
Public	University of Alaska - Fairbanks	49	260	165	47	263	168
Public	University of Arizona	442	41	28	524	32	22
Public	Univ. of Arkansas for Med. Sciences	41	290	178	48	257	165
Public	University of California - Berkeley	818	5	5	576	23	16
Public	University of California - Davis	517	31	22	513	34	24
Public	University of California - Irvine	403	45	32	393	47	32
Public	University of California - Los Angeles	770	8	7	775	6	6
Public	University of California - Riverside	268	80	59	239	87	64
Public	University of California - San Diego	531	30	21	529	29	20
Public	Univ. of California - San Francisco	138	134	94	123	149	100
Public	Univ. of California - Santa Barbara	321	63	45	346	54	37
Public	University of California - Santa Cruz	167	121	84	174	114	79
Public	University of Central Florida	279	77	56	299	75	55
Private	University of Chicago	395	47	14	396	46	15
Public	University of Cincinnati - Cincinnati	233	92	66	284	77	57
Public	University of Colorado - Boulder	408	44	31	410	45	31
Public	U. of Colorado - Denv./Anschutz Med.	132	138	97	123	149	100
Public	Univ. of Connecticut - Health Center	33	323	193	27	335	196
Public	University of Connecticut - Storrs	328	61	43	309	70	51
Private	University of Dayton	39	300	117	39	290	110
Public	University of Delaware	254	85	63	283	78	58
Public	University of Florida	728	12	10	723	10	9
Public	University of Georgia	543	28	19	526	31	21

# The Top American Research Universities

2015 Doctorates	2015 National Rank	2015 Control Rank	2014 Doctorates	2014 National Rank	2014 Control Rank	2013 Doctorates	2013 National Rank	2013 Control Rank
43	268	171	46	256	169	41	259	167
215	94	69	186	103	73	215	91	65
26	330	197	22	348	206	20	353	203
673	17	14	638	15	13	662	17	14
371	51	17	389	50	17	319	61	17
717	12	11	732	11	10	684	15	13
164	119	34	135	131	40	150	119	36
176	113	33	191	101	30	178	104	31
28	320	127	23	340	138	17	374	164
17	382	162	9	444	203	12	411	182
597	21	16	369	52	35	417	45	31
140	129	92	80	189	129	82	184	122
688	13	2	729	12	2	764	9	1
347	57	40	301	67	48	309	64	46
197	101	72	238	87	63	208	93	66
740	10	9	709	13	11	693	13	12
21	352	143	27	321	124	24	320	128
116	153	47	128	136	42	121	146	47
123	147	45	110	159	50	130	140	44
164	119	86	186	103	73	154	118	83
342	58	41	360	53	36	335	55	39
170	115	82	166	118	81	147	123	86
33	294	181	30	303	185	28	303	182
40	273	173	49	249	166	52	226	149
528	28	20	460	39	27	441	39	27
38	281	176	40	278	174	29	300	180
826	6	6	937	1	1	937	1	1
553	25	18	504	29	19	580	21	16
390	49	33	414	44	31	435	42	29
774	7	7	795	7	7	784	6	6
272	75	55	264	78	56	255	75	55
505	32	24	487	34	24	489	30	20
130	139	98	138	129	90	136	129	91
349	56	39	360	53	36	387	50	34
151	124	88	179	108	75	160	111	77
286	72	52	266	76	54	238	78	57
392	48	16	401	48	16	413	46	15
213	96	70	265	77	55	230	84	62
434	43	30	380	51	34	386	51	35
103	168	114	120	146	101	122	145	99
16	389	221	28	315	193	23	328	194
323	66	47	274	73	52	272	72	52
34	290	110	27	321	124	30	295	115
237	88	64	207	96	70	202	97	68
754	8	8	796	6	6	742	11	10
467	37	26	463	38	26	440	40	28

## The Top American Research Universities

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank
Public	University of Hawaii - Manoa	190	111	77	204	101	71
Public	University of Houston - Univ. Park	358	53	38	358	51	34
Public	University of Idaho	54	243	156	69	210	139
Public	University of Illinois - Chicago	370	51	36	346	54	37
Public	Univ. of Illinois - Urbana-Champaign	827	2	2	726	9	8
Public	University of Iowa	464	38	27	468	39	27
Public	University of Kansas - Lawrence	310	68	50	314	67	48
Public	University of Kentucky	326	62	44	313	69	50
Public	University of Louisville	158	124	87	147	128	90
Public	University of Maryland - Baltimore	88	185	126	67	213	141
Public	Univ. of Maryland - Baltimore County	88	185	126	82	193	129
Public	University of Maryland - College Park	567	24	16	592	20	15
Public	Univ. of Massachusetts - Amherst	307	69	51	298	76	56
Public	Univ. of Mass. Med. Sch. - Worcester	57	235	153	64	220	145
Private	University of Miami	209	101	31	216	93	26
Public	University of Michigan - Ann Arbor	820	4	4	848	3	3
Public	University of Minnesota - Twin Cities	702	14	11	804	5	5
Public	University of Missouri - Columbia	500	36	25	416	43	30
Public	University of Nebraska - Lincoln	299	71	53	307	71	52
Public	Univ. of Nebraska Medical Center	70	213	141	86	187	125
Public	University of Nevada - Reno	117	155	106	130	140	96
Public	Univ. of New Hampshire - Durham	62	227	149	66	214	142
Public	Univ. of New Mexico - Albuquerque	195	108	75	200	103	72
Public	Univ. of North Carolina - Chapel Hill	566	25	17	542	24	17
Public	University of North Dakota	91	180	123	76	202	135
Private	University of Notre Dame	239	90	26	216	93	26
Public	University of Oklahoma - HSC	44	277	171	29	325	190
Public	University of Oklahoma - Norman	213	99	70	210	98	69
Public	University of Oregon	200	105	73	159	118	83
Private	University of Pennsylvania	589	22	7	540	25	8
Public	University of Pittsburgh - Pittsburgh	416	43	30	461	41	28
Public	University of Rhode Island	100	171	117	97	175	118
Private	University of Rochester	249	88	25	301	74	20
Public	Univ. of South Carolina - Columbia	317	64	46	317	65	46
Public	University of South Florida - Tampa	332	60	42	314	67	48
Private	University of Southern California	679	17	5	714	11	2
Public	University of Tennessee - Knoxville	381	48	34	356	52	35
Public	University of Texas - Austin	827	2	2	896	1	1
Public	University of Texas - El Paso	106	163	112	78	198	132
Public	University of Texas HSC - Houston	132	138	97	113	161	110
Public	Univ. of Texas HSC - San Antonio	43	280	173	59	227	148
Public	U. of Texas MD Anderson Cancer Ctr.						
Public	U. of Texas Med. Branch - Galveston	49	260	165	52	248	159
Public	Univ. of Texas SW Med. Ctr. - Dallas	98	176	120	98	173	117
Public	University of Utah	339	57	41	331	58	41
Public	University of Vermont	69	214	142	78	198	132
Public	University of Virginia	361	52	37	315	66	47
Public	University of Washington - Seattle	624	20	15	632	18	13
Public	University of Wisconsin - Madison	876	1	1	870	2	2

# The Top American Research Universities

2015 Doctorates	2015 National Rank	2015 Control Rank	2014 Doctorates	2014 National Rank	2014 Control Rank	2013 Doctorates	2013 National Rank	2013 Control Rank
239	87	63	194	100	71	229	85	63
326	64	45	275	72	51	317	62	45
80	201	134	87	184	125	95	164	110
314	68	49	328	61	43	352	54	38
829	5	5	804	5	5	809	4	4
453	38	27	490	33	23	538	23	17
365	53	36	290	68	49	325	57	41
295	69	50	328	61	43	305	65	47
170	115	82	148	126	87	138	127	89
81	199	132	63	215	141	81	186	124
100	170	116	102	170	117	95	164	110
654	18	15	620	17	14	696	12	11
268	76	56	287	70	50	295	67	49
61	230	152	58	228	150	52	226	149
208	98	28	173	111	35	163	110	34
882	2	2	881	3	3	885	2	2
725	11	10	778	8	8	772	7	7
435	42	29	390	49	33	411	47	32
325	65	46	313	65	46	325	57	41
81	199	132	52	241	160	42	255	165
109	158	108	118	147	102	125	143	98
75	211	140	75	197	131	64	204	137
222	91	67	231	89	64	202	97	68
519	30	22	557	23	17	530	24	18
87	187	125	59	224	147	72	200	134
244	83	23	206	97	27	214	92	27
29	314	191	33	296	182	24	320	192
218	93	68	210	95	69	206	95	67
199	100	71	155	123	84	169	107	75
566	23	6	535	26	8	527	26	8
438	39	28	496	30	20	435	42	29
93	181	122	101	171	118	97	162	109
267	77	21	281	71	21	290	70	20
358	54	37	325	63	45	334	56	40
321	67	48	330	58	40	295	67	49
685	16	3	594	21	5	663	16	3
353	55	38	458	40	28	484	34	23
899	1	1	892	2	2	849	3	3
124	144	100	118	147	102	103	156	107
153	123	87	141	128	89	117	148	100
66	223	148	54	237	157	51	230	153
39	278	174	45	260	170	52	226	149
88	186	124	92	179	122	89	175	117
384	50	34	330	58	40	324	59	43
79	204	136	71	203	136	84	180	119
366	52	35	424	43	30	399	48	33
687	14	12	663	14	12	763	10	9
857	3	3	813	4	4	772	7	7

<b>Doctorates Awarded</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Doctorates	2017 National Rank	2017 Control Rank	2016 Doctorates	2016 National Rank	2016 Control Rank
Public	University of Wyoming	106	163	112	99	171	116
Public	Utah State University	95	177	121	94	179	121
Private	Vanderbilt University	337	58	17	322	62	19
Public	Virginia Commonwealth University	306	70	52	306	72	53
Public	Virginia Polytechnic Inst. and St. U.	516	32	23	492	36	25
Private	Wake Forest University	64	222	76	58	229	80
Public	Washington State Univ. - Pullman	315	66	48	322	62	44
Private	Washington University in St. Louis	288	73	19	266	80	21
Public	Wayne State University	268	80	59	222	92	67
Private	Weill Cornell Medical College	54	243	88	58	229	80
Public	West Virginia University	239	90	65	210	98	69
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	375	49	15	411	44	14
Private	Yeshiva University	102	168	52	152	122	37

2015 Doctorates	2015 National Rank	2015 Control Rank	2014 Doctorates	2014 National Rank	2014 Control Rank	2013 Doctorates	2013 National Rank	2013 Control Rank
93	181	122	107	162	111	81	186	124
102	169	115	109	161	110	105	155	106
340	59	18	318	64	19	310	63	18
282	73	53	329	60	42	324	59	43
488	33	25	494	31	21	479	36	24
53	248	89	53	239	81	50	233	79
281	74	54	260	80	57	268	74	54
292	70	20	261	79	23	255	75	21
242	84	61	244	84	60	223	88	64
68	220	74	70	205	68	73	196	64
183	109	78	155	123	84	158	113	78
426	45	15	413	45	14	398	49	16
96	177	59	124	138	44	131	136	41

Postdoctoral Appointees		2016	2016	2016	2015	2015	2015
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	Arizona State University	251	73	45	257	71	42
Public	Auburn University	55	155	104	40	175	121
Public	Augusta University	166	98	64	159	98	64
Private	Baylor College of Medicine	522	36	19	537	37	19
Private	Boston University	328	58	24	421	46	23
Private	Brandeis University	105	122	43	95	129	45
Private	Brown University	305	60	25	252	74	30
Private	California Institute of Technology	601	32	16	552	35	18
Private	Carnegie Mellon University	220	83	31	193	90	33
Private	Case Western Reserve University	261	71	28	271	66	27
Public	Clemson University	86	134	87	77	140	92
Public	Cleveland State University	4	300	200	3	310	207
Private	Cold Spring Harbor Laboratory	151	104	38	143	104	36
Public	Colorado State Univ. - Fort Collins	249	74	46	254	73	44
Private	Columbia University	1,219	8	5	1,249	7	5
Private	Cornell University	444	45	22	502	39	21
Private	Dartmouth College	176	95	34	204	87	32
Private	Drexel University	85	135	48	93	130	46
Private	Duke University	587	33	17	584	31	15
Private	Emory University	641	23	10	642	24	11
Public	Florida International University	211	90	59	75	142	94
Public	Florida State University	218	86	55	202	88	56
Public	George Mason University	44	171	115	44	168	115
Private	George Washington University	99	127	46	111	119	42
Private	Georgetown University	104	123	44	109	120	43
Public	Georgia Institute of Technology	284	64	39	237	77	47
Public	Georgia State University	73	140	91	76	141	93
Private	Harvard University	5,873	1	1	5,674	1	1
Private	Icahn School of Med. at Mount Sinai	635	25	11	643	23	10
Public	Indiana University - Bloomington	404	47	25	365	50	27
Public	Iowa State University	308	59	35	299	59	35
Private	Johns Hopkins University	1,697	3	3	1,679	3	3
Public	Kansas State University	102	125	80	146	101	66
Public	Louisiana State Univ. - Baton Rouge	119	119	77	148	100	65
Private	Massachusetts Inst. of Technology	1,503	4	4	1,493	4	4
Private	Medical College of Wisconsin	104	123	44	66	145	49
Public	Medical University of South Carolina	173	96	62	178	93	59
Public	Michigan State University	522	36	18	471	44	22
Public	Mississippi State University	40	173	116	51	157	106
Public	Montana State University - Bozeman	47	167	112	51	157	106
Public	Naval Postgraduate School	19	226	153	22	219	153
Public	New Jersey Institute of Technology	34	185	127	42	171	117
Public	New Mexico State Univ. - Las Cruces	17	234	160	24	212	147
Private	New York University	647	22	9	680	20	9
Public	North Carolina State University	485	41	21	497	40	19
Private	Northeastern University	149	105	39	114	117	41
Private	Northwestern University	813	17	8	746	19	8
Public	Ohio State University - Columbus	638	24	14	619	27	15
Public	Oklahoma State University - Stillwater	53	158	107	53	155	105



# The Top American Research Universities

2014 Postdocs	2014 National Rank	2014 Control Rank	2013 Postdocs	2013 National Rank	2013 Control Rank	2012 Postdocs	2012 National Rank	2012 Control Rank
253	68	42	257	69	42	221	77	50
40	175	121	36	176	125	45	162	113
188	91	57	139	107	71	143	107	71
594	31	16	596	29	14	588	29	14
444	45	23	464	39	20	530	35	17
102	128	45	116	118	40	128	118	40
244	71	27	259	68	27	274	67	26
552	34	18	579	31	16	623	25	12
215	81	30	194	87	31	241	72	27
190	90	34	224	81	29	219	78	28
65	144	95	42	166	116	45	162	113
3	314	210	8	264	185	9	262	184
153	104	38	0	336	112	0	342	113
297	63	37	290	60	34	313	57	34
1,274	6	5	1,232	7	5	1,283	6	5
466	39	21	437	41	21	386	44	21
222	78	28	228	76	28	208	83	31
74	140	49	69	140	45	63	141	46
656	23	11	732	19	8	747	19	8
674	20	9	712	21	10	678	22	11
64	146	97	49	156	108	55	150	104
211	83	53	212	85	56	235	73	46
33	186	130	32	188	134	31	183	128
94	133	47	80	135	44	98	126	42
127	116	40	115	119	41	131	117	39
217	80	51	267	65	39	307	60	36
76	139	91	56	147	99	62	142	96
5,761	1	1	5,809	1	1	6,019	1	1
670	21	10	621	26	12	579	31	15
144	108	69	117	117	78	316	56	33
331	55	32	299	59	33	158	99	65
1,715	3	3	1,693	3	3	1,775	3	3
142	111	72	136	109	73	112	121	81
141	112	73	149	102	66	138	110	73
1,516	4	4	1,406	4	4	1,398	5	4
175	94	35	122	112	38	133	114	38
173	95	60	179	91	57	186	90	57
450	43	21	446	40	20	429	40	20
46	166	114	41	169	119	35	177	124
38	178	124	42	166	116	41	169	119
16	227	159	24	202	145	0	342	230
24	202	142	39	170	120	17	232	167
28	195	137	24	202	145	29	188	132
596	30	15	593	30	15	623	25	12
473	38	18	490	36	18	371	48	26
117	122	43	105	126	42	96	130	43
708	18	8	716	20	9	742	20	9
629	28	15	625	25	14	616	28	15
57	150	100	52	150	102	61	143	97

Postdoctoral Appointees		2016	2016	2016	2015	2015	2015
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	Oregon Health & Science University	304	61	36	292	61	37
Public	Oregon State University	213	89	58	212	84	53
Public	Penn. St. Univ. - Hershey Med. Ctr.	123	115	74	114	117	77
Public	Pennsylvania State Univ. - Univ. Park	338	53	30	322	55	31
Private	Princeton University	522	36	19	526	38	20
Public	Purdue University - West Lafayette	411	46	24	389	48	25
Private	Rensselaer Polytechnic Institute	70	142	50	83	135	48
Private	Rice University	208	91	32	263	68	28
Private	Rockefeller University	275	65	26	292	61	25
Private	Rush University	35	183	58	28	197	60
Public	Rutgers University - New Brunswick	303	62	37	306	56	32
Public	San Diego State University	29	199	138	33	182	126
Private	Scripps Research Institute	554	35	18	573	33	17
Private	Stanford University	2,228	2	2	2,264	2	2
Public	Stony Brook University	264	69	42	263	68	41
Public	Temple University	194	93	60	167	95	61
Public	Texas A&M Univ. - College Station	602	31	16	615	28	16
Private	Thomas Jefferson University	130	112	40	117	116	40
Private	Tufts University	205	92	33	182	92	34
Private	Tulane University	128	114	41	133	106	37
Public	U.S. Air Force Academy	0	358	233	0	360	234
Public	Uniformed Services Univ. of the HS	33	188	130	33	182	126
Public	University at Albany	68	143	93	86	133	86
Public	University at Buffalo	273	66	40	256	72	43
Public	University of Alabama - Birmingham	247	76	47	252	74	45
Public	University of Alabama - Huntsville	15	238	163	13	246	173
Public	University of Alaska - Fairbanks	32	193	134	37	178	124
Public	University of Arizona	451	43	23	471	44	22
Public	Univ. of Arkansas for Med. Sciences	83	137	89	23	216	151
Public	University of California - Berkeley	795	18	10	1,184	9	4
Public	University of California - Davis	837	15	8	833	15	8
Public	University of California - Irvine	338	53	30	297	60	36
Public	University of California - Los Angeles	1,120	10	4	1,016	12	6
Public	University of California - Riverside	215	87	56	190	91	58
Public	University of California - San Diego	1,319	5	1	1,250	6	2
Public	Univ. of California - San Francisco	1,037	11	5	1,041	11	5
Public	Univ. of California - Santa Barbara	297	63	38	306	56	32
Public	University of California - Santa Cruz	136	108	69	125	110	73
Public	University of Central Florida	67	146	96	51	157	106
Private	University of Chicago	606	29	14	586	30	14
Public	University of Cincinnati - Cincinnati	337	55	32	303	58	34
Public	University of Colorado - Boulder	939	13	6	911	13	7
Public	U. of Colorado - Denv./Anschutz Med.	332	57	34	288	63	38
Public	Univ. of Connecticut - Health Center	95	130	84	105	124	81
Public	University of Connecticut - Storrs	138	106	67	108	121	78
Private	University of Dayton	15	238	76	9	264	81
Public	University of Delaware	137	107	68	132	108	71
Public	University of Florida	666	21	13	679	21	12
Public	University of Georgia	260	72	44	250	76	46

# The Top American Research Universities

2014 Postdocs	2014 National Rank	2014 Control Rank	2013 Postdocs	2013 National Rank	2013 Control Rank	2012 Postdocs	2012 National Rank	2012 Control Rank
270	65	39	280	64	38	303	62	38
201	85	54	237	70	43	214	81	52
91	134	87	95	127	85	100	125	84
365	50	27	380	44	23	401	41	21
464	41	22	527	34	17	457	39	20
358	51	28	289	61	35	306	61	37
82	137	48	85	131	43	80	136	44
206	84	31	182	90	34	158	99	35
298	62	26	303	57	26	309	58	24
33	186	57	33	186	54	36	176	53
345	54	31	237	70	43	243	71	45
32	188	131	30	192	138	31	183	128
648	24	12	0	336	112	0	342	113
2,048	2	2	1,976	2	2	1,887	2	2
224	77	50	236	72	45	222	76	49
192	89	56	156	100	64	159	98	64
386	48	25	341	51	28	320	55	32
119	121	42	134	110	37	145	104	36
194	88	33	194	87	31	201	85	32
124	117	41	162	96	36	143	107	37
0	360	235	0	336	225	0	342	230
36	181	127	42	166	116	71	137	93
69	141	92	80	135	92	92	131	88
301	60	35	266	66	40	264	68	42
228	75	48	226	78	50	226	74	47
19	217	151	14	236	168	8	267	186
47	163	111	50	155	107	58	148	102
451	42	20	303	57	32	308	59	35
57	150	100	54	148	100	41	169	119
1,148	10	4	1,255	6	2	1,533	4	1
765	17	10	779	15	8	757	18	11
315	57	33	325	53	29	379	45	24
1,088	11	5	1,084	11	5	1,009	12	6
141	112	73	143	104	68	133	114	77
1,338	5	1	1,275	5	1	1,219	8	2
1,051	12	6	1,047	12	6	1,066	11	5
285	64	38	281	63	37	300	63	39
120	120	79	122	112	75	141	109	72
47	163	111	52	150	102	55	150	104
583	32	17	598	28	13	565	33	16
466	39	19	468	38	19	465	38	19
879	14	7	836	14	7	776	17	10
267	66	40	285	62	36	300	63	39
104	127	83	122	112	75	125	119	79
121	119	78	115	119	79	134	111	74
10	265	82	7	269	81	11	254	74
166	100	63	131	111	74	133	114	77
644	25	13	677	23	12	674	23	12
231	74	47	228	76	49	245	70	44

Postdoctoral Appointees		2016	2016	2016	2015	2015	2015
Institutions with Over \$40 Million in Federal Research, Alphabetically		Postdocs	National Rank	Control Rank	Postdocs	National Rank	Control Rank
Public	University of Hawaii - Manoa	247	76	47	234	79	49
Public	University of Houston - Univ. Park	263	70	43	264	67	40
Public	University of Idaho	67	146	96	51	157	106
Public	University of Illinois - Chicago	229	81	51	214	83	52
Public	Univ. of Illinois - Urbana-Champaign	512	39	19	542	36	18
Public	University of Iowa	345	51	28	346	53	29
Public	University of Kansas - Lawrence	91	131	85	125	110	73
Public	University of Kentucky	233	80	50	221	82	51
Public	University of Louisville	97	129	83	107	123	80
Public	University of Maryland - Baltimore	334	56	33	325	54	30
Public	Univ. of Maryland - Baltimore County	37	177	120	67	144	96
Public	University of Maryland - College Park	479	42	22	496	41	20
Public	Univ. of Massachusetts - Amherst	132	110	71	144	103	68
Public	Univ. of Mass. Med. Sch. - Worcester	359	49	26	348	52	28
Private	University of Miami	268	68	27	258	70	29
Public	University of Michigan - Ann Arbor	1,313	6	2	1,299	5	1
Public	University of Minnesota - Twin Cities	906	14	7	752	18	11
Public	University of Missouri - Columbia	219	84	53	165	97	63
Public	University of Nebraska - Lincoln	219	84	53	205	86	55
Public	Univ. of Nebraska Medical Center	121	116	75	108	121	78
Public	University of Nevada - Reno	89	133	86	78	139	91
Public	Univ. of New Hampshire - Durham	52	161	108	46	165	113
Public	Univ. of New Mexico - Albuquerque	120	117	76	124	112	75
Public	Univ. of North Carolina - Chapel Hill	825	16	9	803	16	9
Public	University of North Dakota	36	179	122	24	212	147
Private	University of Notre Dame	152	103	37	124	112	38
Public	University of Oklahoma - HSC	102	125	80	83	135	88
Public	University of Oklahoma - Norman	134	109	70	133	106	70
Public	University of Oregon	66	148	98	105	124	81
Private	University of Pennsylvania	964	12	7	901	14	7
Public	University of Pittsburgh - Pittsburgh	703	20	12	664	22	13
Public	University of Rhode Island	39	174	117	32	185	129
Private	University of Rochester	249	74	29	233	80	31
Public	Univ. of South Carolina - Columbia	130	112	73	129	109	72
Public	University of South Florida - Tampa	272	67	41	282	65	39
Private	University of Southern California	449	44	21	475	43	22
Public	University of Tennessee - Knoxville	132	110	71	136	105	69
Public	University of Texas - Austin	343	52	29	370	49	26
Public	University of Texas - El Paso	56	153	103	58	151	101
Public	University of Texas HSC - Houston	243	78	49	237	77	47
Public	Univ. of Texas HSC - San Antonio	183	94	61	167	95	61
Public	U. of Texas MD Anderson Cancer Ctr.	635	25	15	637	25	14
Public	U. of Texas Med. Branch - Galveston	170	97	63	102	127	84
Public	Univ. of Texas SW Med. Ctr. - Dallas	564	34	17	562	34	17
Public	University of Utah	504	40	20	487	42	21
Public	University of Vermont	51	162	109	86	133	86
Public	University of Virginia	346	50	27	420	47	24
Public	University of Washington - Seattle	1,264	7	3	1,205	8	3
Public	University of Wisconsin - Madison	745	19	11	765	17	10

# The Top American Research Universities

2014 Postdocs	2014 National Rank	2014 Control Rank	2013 Postdocs	2013 National Rank	2013 Control Rank	2012 Postdocs	2012 National Rank	2012 Control Rank
243	72	45	265	67	41	339	53	30
258	67	41	219	82	53	198	87	55
56	154	103	51	153	105	43	165	116
238	73	46	232	74	47	251	69	43
525	35	17	562	32	16	558	34	18
355	53	30	352	48	26	363	49	27
154	103	66	155	101	65	184	91	58
155	102	65	217	84	55	344	52	29
97	130	85	92	128	86	114	120	80
358	51	28	352	48	26	350	50	28
63	147	98	58	146	98	45	162	113
437	46	23	379	45	24	399	42	22
153	104	67	165	94	60	165	94	60
315	57	33	315	56	31	324	54	31
198	87	32	202	86	30	219	78	28
1,238	7	2	1,227	8	3	1,080	10	4
679	19	11	660	24	13	580	30	16
184	93	59	225	79	51	199	86	54
201	85	54	157	99	63	163	96	62
110	126	82	112	122	81	145	104	69
65	144	95	80	135	92	53	153	106
45	168	115	34	181	129	48	158	110
139	114	75	83	134	91	70	139	95
802	15	8	778	16	9	850	14	7
21	209	146	22	211	153	20	215	157
171	96	36	186	89	33	182	92	34
89	135	88	84	133	90	90	132	89
145	107	68	142	105	69	134	111	74
85	136	89	89	130	88	90	132	89
919	13	7	947	13	7	956	13	7
659	22	12	741	17	10	841	15	8
27	197	139	36	176	125	50	156	108
222	78	28	325	53	25	214	81	30
144	108	69	119	116	77	97	127	85
300	61	36	321	55	30	289	66	41
480	37	20	486	37	19	506	36	18
143	110	71	149	102	66	145	104	69
370	49	26	361	47	25	372	47	25
12	253	175	31	191	137	26	194	137
212	82	52	229	75	48	224	75	48
165	101	64	169	92	58	173	93	59
640	26	14	604	27	15	621	27	14
131	115	76	137	108	72	150	102	67
571	33	16	552	33	17	572	32	17
429	47	24	384	42	21	389	43	23
95	132	86	85	131	89	85	135	92
447	44	22	384	42	21	658	24	13
1,184	9	3	1,187	10	4	1,190	9	3
767	16	9	738	18	11	798	16	9

<b>Postdoctoral Appointees</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Postdocs	2016 National Rank	2016 Control Rank	2015 Postdocs	2015 National Rank	2015 Control Rank
Public	University of Wyoming	60	151	101	54	154	104
Public	Utah State University	47	167	112	42	171	117
Private	Vanderbilt University	618	28	13	629	26	12
Public	Virginia Commonwealth University	159	100	66	194	89	57
Public	Virginia Polytechnic Inst. and St. U.	214	88	57	225	81	50
Private	Wake Forest University	90	132	47	87	131	47
Public	Washington State Univ. - Pullman	165	99	65	175	94	60
Private	Washington University in St. Louis	629	27	12	615	28	13
Public	Wayne State University	117	120	78	146	101	66
Private	Weill Cornell Medical College	394	48	23	354	51	24
Public	West Virginia University	54	157	106	51	157	106
Private	Woods Hole Oceanographic Inst.	82	138	49	99	128	44
Private	Yale University	1,169	9	6	1,157	10	6
Private	Yeshiva University	243	78	30	283	64	26

2014 Postdocs	2014 National Rank	2014 Control Rank	2013 Postdocs	2013 National Rank	2013 Control Rank	2012 Postdocs	2012 National Rank	2012 Control Rank
55	155	104	66	141	96	61	143	97
47	163	111	45	160	111	22	208	151
634	27	13	678	22	11	711	21	10
249	69	43	225	79	51	217	80	51
226	76	49	235	73	46	202	84	53
152	106	39	164	95	35	188	89	33
169	97	61	166	93	59	190	88	56
625	29	14	350	50	23	374	46	22
185	92	58	158	98	62	164	95	61
322	56	24	334	52	24	347	51	23
67	143	94	38	172	121	46	161	112
97	130	46	120	115	39	107	122	41
1,201	8	6	1,214	9	6	1,256	7	6
303	59	25	365	46	22	293	65	25

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016	2016	2016	2015	2015	2015
		Median SAT	National Rank	Control Rank	Median SAT	National Rank	Control Rank
Public	Arizona State University	1220	209	62	1170	210	68
Public	Auburn University	1290	118	26	1220	138	38
Public	Augusta University	1040	867	330	1035	631	239
Private	Baylor College of Medicine						
Private	Boston University	1320	95	79	1305	81	69
Private	Brandeis University	1375	63	57	1360	51	48
Private	Brown University	1470	21	21	1465	13	13
Private	California Institute of Technology	1555	1	1	1550	1	1
Private	Carnegie Mellon University	1465	24	24	1450	20	20
Private	Case Western Reserve University	1470	21	21	1400	35	34
Public	Clemson University	1340	83	12	1250	115	28
Public	Cleveland State University	1110	583	215	1030	642	240
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	1240	180	49	1150	246	83
Private	Columbia University	1500	8	8	1475	11	11
Private	Cornell University	1430	35	35	1430	30	30
Private	Dartmouth College	1455	26	26	1445	21	21
Private	Drexel University	1190	283	198	1203	179	123
Private	Duke University	1475	19	19	1455	19	19
Private	Emory University	1395	55	49	1380	45	43
Public	Florida International University	1120	574	211	1080	452	166
Public	Florida State University	1290	118	26	1220	138	38
Public	George Mason University	1155	456	158	1145	275	96
Private	George Washington University	1288	130	100	1290	90	76
Private	Georgetown University	1420	39	38	1410	32	32
Public	Georgia Institute of Technology	1410	46	4	1405	34	1
Public	Georgia State University	1070	716	270	1060	527	195
Private	Harvard University	1515	6	6	1500	6	6
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	1175	391	126	1175	206	65
Public	Iowa State University	1220	209	62	1150	246	83
Private	Johns Hopkins University	1485	15	15	1445	21	21
Public	Kansas State University						
Public	Louisiana State Univ. - Baton Rouge	1240	180	49	1170	210	68
Private	Massachusetts Inst. of Technology	1525	2	2	1505	5	5
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	1275	135	34	1170	210	68
Public	Mississippi State University	1200	239	72	1150	246	83
Public	Montana State University - Bozeman	1200	239	72	1130	288	100
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	1210	233	70	1210	152	46
Public	New Mexico State Univ. - Las Cruces	1070	716	270	990	855	331
Private	New York University	1365	66	60	1360	51	48
Public	North Carolina State University	1340	83	12	1245	117	29
Private	Northeastern University	1485	15	15	1440	25	25
Private	Northwestern University	1500	8	8	1440	25	25
Public	Ohio State University - Columbus	1360	68	7	1300	83	13
Public	Oklahoma State University - Stillwater	1180	351	110	1130	288	100



# The Top American Research Universities

2014 Median SAT	2014 National Rank	2014 Control Rank	2013 Median SAT	2013 National Rank	2013 Control Rank	2012 Median SAT	2012 National Rank	2012 Control Rank
1145	273	92	1145	309	93	1105	421	127
1220	143	38	1220	155	38	1220	152	35
1030	673	237	1015	841	286			
1300	82	71	1285	94	82	1275	104	89
1365	51	47	1350	58	53	1340	63	58
1440	23	23	1435	24	24	1425	24	24
1550	1	1	1545	1	1	1525	1	1
1440	23	23	1435	24	24	1420	27	27
1370	46	44	1375	42	42	1370	45	45
1245	114	27	1245	125	28	1235	136	26
1010	790	288	1030	727	233	1010	859	285
1130	286	98	1130	324	97	1130	322	97
1480	8	8	1480	8	8	1485	9	9
1420	28	28	1420	29	29	1415	29	29
1455	18	18	1455	17	17	1455	13	13
1200	174	122	1190	201	146	1220	152	118
1460	13	13	1455	17	17	1440	18	18
1370	46	44	1365	46	46	1375	43	43
1080	475	166	1150	276	80	1140	310	91
1240	118	29	1220	155	38	1220	152	35
1150	252	80	1150	276	80	1150	284	81
1295	93	80	1295	91	79	1295	87	75
1420	28	28	1405	33	33	1390	35	35
1400	35	1	1360	50	2	1355	55	4
1070	491	172	1065	588	195	1095	440	135
1505	3	3	1505	3	3	1500	2	2
1175	213	65	1175	225	64	1165	262	75
1150	252	80	1150	276	80	1150	284	81
1435	26	26	1415	30	30	1405	32	32
1170	215	66	1170	231	66	1170	229	64
1495	6	6	1500	5	5	1490	7	7
1170	215	66	1170	231	66	1170	229	64
1130	286	98	1110	367	109	1090	451	140
1130	286	98	1110	367	109	1110	381	112
1165	234	72	1140	316	94	1140	310	91
990	899	333	990	972	339	990	969	344
1345	59	54	1355	54	51	1350	59	54
1245	114	27	1225	151	36	1185	216	57
1420	28	28	1390	35	35	1370	45	45
1475	10	10	1470	11	11	1440	18	18
1300	82	12	1300	82	10	1260	111	20
1150	252	80	1150	276	80	1150	284	81

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Median SAT	2016 National Rank	2016 Control Rank	2015 Median SAT	2015 National Rank	2015 Control Rank
Public	Oregon Health & Science University						
Public	Oregon State University	1115	580	214	1105	378	131
Public	Penn. St. Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	1195	278	82	1195	183	59
Private	Princeton University	1495	12	12	1490	7	7
Public	Purdue University - West Lafayette	1195	278	82	1205	160	50
Private	Rensselaer Polytechnic Institute	1380	58	52	1385	41	39
Private	Rice University	1490	13	13	1475	11	11
Private	Rockefeller University						
Private	Rush University						
Public	Rutgers University - New Brunswick	1230	200	59	1225	136	36
Public	San Diego State University	1110	583	215	1120	327	110
Private	Scripps Research Institute						
Private	Stanford University	1480	18	18	1485	8	8
Public	Stony Brook University	1260	155	39	1265	104	21
Public	Temple University						
Public	Texas A&M Univ. - College Station	1190	283	86	1190	190	63
Private	Thomas Jefferson University						
Private	Tufts University	1485	15	15	1445	21	21
Private	Tulane University	1415	42	41	1360	51	48
Public	U.S. Air Force Academy	1400	49	6	1360	51	4
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	1080	701	264	1085	441	161
Public	University at Buffalo	1170	395	129	1160	238	78
Public	University of Alabama - Birmingham	1200	239	72	1150	246	83
Public	University of Alabama - Huntsville	1320	95	17	1220	138	38
Public	University of Alaska - Fairbanks	1125	516	180	1030	642	240
Public	University of Arizona						
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	1405	47	5	1380	45	3
Public	University of California - Davis	1190	283	86	1205	160	50
Public	University of California - Irvine	1195	278	82	1160	238	78
Public	University of California - Los Angeles	1315	103	19	1325	71	10
Public	University of California - Riverside	1065	770	296	1095	395	138
Public	University of California - San Diego	1310	106	22	1335	68	9
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	1255	174	46	1225	136	36
Public	University of California - Santa Cruz	1175	391	126	1175	206	65
Public	University of Central Florida	1175	391	126	1175	206	65
Private	University of Chicago	1525	2	2	1520	2	2
Public	University of Cincinnati - Cincinnati	1240	180	49	1170	210	68
Public	University of Colorado - Boulder	1305	110	23	1220	138	38
Public	U. of Colorado - Denv./Anschutz Med.	1075	709	268	1050	549	202
Public	Univ. of Connecticut - Health Center						
Public	University of Connecticut - Storrs	1230	200	59	1235	129	33
Private	University of Dayton	1275	135	102	1205	160	111
Public	University of Delaware	1170	395	129	1195	183	59
Public	University of Florida	1275	135	34	1260	109	25
Public	University of Georgia	1240	180	49	1240	120	31

# The Top American Research Universities

2014 Median SAT	2014 National Rank	2014 Control Rank	2013 Median SAT	2013 National Rank	2013 Control Rank	2012 Median SAT	2012 National Rank	2012 Control Rank
1105	393	132	1100	435	131	1090	451	140
1190	184	56	1195	193	51	1195	194	49
1500	5	5	1505	3	3	1500	2	2
1205	164	49	1200	192	50	1180	221	61
1395	37	36	1389	38	38	1365	49	48
1470	12	12	1460	12	12	1445	15	15
1215	157	43	1210	172	43	1195	194	49
1110	347	115	1090	455	140	1085	504	155
1475	10	10	1475	10	10	1475	11	11
1250	112	26	1250	122	27	1235	136	26
1120	335	111	1120	351	106	1110	381	112
1195	179	53	1180	221	62	1195	194	49
1440	23	23	1445	20	20	1435	21	21
1360	54	50	1360	50	49	1360	50	49
1340	61	6	1360	50	2	1360	50	2
1095	416	142	1100	435	131	1105	421	127
1150	252	80	1155	270	77	1155	276	78
1110	347	115	1150	276	80	1110	381	112
1220	143	38	1190	201	56	1170	229	64
1107			1107	421	124	1095	440	135
1370	46	3	1355	54	4	1370	45	1
1205	164	49	1195	193	51	1210	173	42
1160	240	73	1130	324	97	1160	267	77
1325	66	8	1300	82	10	1300	77	8
1130	286	98	1090	455	140	1080	513	157
1310	79	11	1280	99	16	1235	136	26
1235	133	33	1215	167	41	1215	167	37
1130	286	98	1095	448	138	1140	310	91
1185	209	62	1180	221	62	1180	221	61
1518	2	2	1515	2	2	1485	9	9
1170	215	66	1130	324	97	1130	322	97
1220	143	38	1205	179	46	1170	229	64
1050	560	192	1070	532	174	1070	531	163
1240	118	29	1230	147	34	1230	141	31
1205	164	116	1205	179	134	1205	179	136
1190	184	56	1170	231	66	1185	216	57
1265	104	22	1265	110	20	1265	109	18
1235	133	33	1235	142	32	1215	167	37

## The Top American Research Universities

<b>SAT Scores</b>							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016	2016	2016	2015	2015	2015
		Median SAT	National Rank	Control Rank	Median SAT	National Rank	Control Rank
Public	University of Hawaii - Manoa	1080	701	264	1080	452	166
Public	University of Houston - Univ. Park	1145	463	162	1150	246	83
Public	University of Idaho	1050	794	303	1055	535	197
Public	University of Illinois - Chicago	1180	351	110	1090	403	144
Public	Univ. of Illinois - Urbana-Champaign	1360	68	7	1280	94	16
Public	University of Iowa	1240	180	49	1170	210	68
Public	University of Kansas - Lawrence	1260	155	39	1150	246	83
Public	University of Kentucky	1240	180	49	1150	246	83
Public	University of Louisville	1240	180	49	1170	210	68
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	1220	209	62	1210	152	46
Public	University of Maryland - College Park	1315	103	19	1315	78	11
Public	Univ. of Massachusetts - Amherst	1230	200	59	1220	138	38
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	1400	49	44	1340	64	57
Public	University of Michigan - Ann Arbor	1430	35	1	1390	38	2
Public	University of Minnesota - Twin Cities	1340	83	12	1280	94	16
Public	University of Missouri - Columbia	1260	155	39	1205	160	50
Public	University of Nebraska - Lincoln	1220	209	62	1150	246	83
Public	University of Nebraska Medical Ctr.						
Public	University of Nevada - Reno	1160	406	133	1080	452	166
Public	Univ. of New Hampshire - Durham	1095	685	258	1105	378	131
Public	Univ. of New Mexico - Albuquerque	1110	583	215	1030	642	240
Public	Univ. of North Carolina - Chapel Hill	1415	42	2	1360	51	4
Public	University of North Dakota	1160	406	133	1090	403	144
Private	University of Notre Dame	1520	4	4	1460	15	15
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	1260	155	39	1205	160	50
Public	University of Oregon	1100	678	254	1115	332	114
Private	University of Pennsylvania	1475	19	19	1465	13	13
Public	University of Pittsburgh - Pittsburgh	1285	131	31	1265	104	21
Public	University of Rhode Island	1070	716	270	1070	462	171
Private	University of Rochester						
Public	Univ. of South Carolina - Columbia	1305	110	23	1200	180	57
Public	University of South Florida - Tampa	1160	406	133	1170	210	68
Private	University of Southern California	1390	56	50	1385	41	39
Public	University of Tennessee - Knoxville	1290	118	26	1220	138	38
Public	University of Texas - Austin	1275	135	34	1290	90	15
Public	University of Texas - El Paso	925	1187	466	935	1074	428
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	1180	351	110	1130	288	100
Public	University of Vermont	1200	239	72	1195	183	59
Public	University of Virginia	1350	78	11	1355	58	7
Public	University of Washington - Seattle	1245	177	47	1245	117	29
Public	University of Wisconsin - Madison	1360	68	7	1300	83	13

# The Top American Research Universities

2014 Median SAT	2014 National Rank	2014 Control Rank	2013 Median SAT	2013 National Rank	2013 Control Rank	2012 Median SAT	2012 National Rank	2012 Control Rank
1085	466	161	1085	503	159	1080	513	157
1145	273	92	1140	316	94	1130	322	97
1040	650	229	1070	532	174	1070	531	163
1130	286	98	1090	455	140	1090	451	140
1300	82	12	1280	99	16	1280	95	14
1170	215	66	1205	179	46	1150	284	81
1150	252	80	1150	276	80	1150	284	81
1150	252	80	1150	276	80	1170	229	64
1150	252	80	1150	276	80	1130	322	97
1210	162	47	1210	172	43	1225	149	34
1315	77	10	1310	75	7	1300	77	8
1215	157	43	1210	172	43	1190	202	53
1320	70	62	1325	67	61	1325	68	62
1390	38	2	1340	61	6	1340	63	6
1260	107	23	1260	111	21	1240	125	24
1170	215	66	1170	231	66	1170	229	64
1150	252	80	1150	276	80	1170	229	64
1075	481	168	1075	521	168	1065	582	183
1100	403	138	1100	435	131	1095	440	135
1050	560	192	1030	727	233	1030	729	242
1320	70	9	1305	78	8	1300	77	8
1090	420	144	1090	455	140	1090	451	140
1460	13	13	1460	12	12	1440	18	18
1190	184	56	1190	201	56	1190	202	53
1110	347	115	1105	423	125	1108	420	126
1455	18	18	1450	19	19	1445	15	15
1270	103	21	1255	118	26	1275	104	16
1070	491	172	1070	532	174	1055	611	194
			1350	58	53	1340	63	58
1210	162	47	1195	193	51	1195	194	49
1160	240	73	1170	231	66	1170	229	64
1380	43	41	1380	41	41	1375	43	43
1205	164	49	1205	179	46	1205	179	44
1290	94	14	1260	111	21	1255	119	23
935	1114	427	920	1253	465	915	1258	470
1130	286	98	1110	367	109	1110	381	112
1185	209	62	1185	218	61	1185	216	57
1355	56	5	1355	54	4	1360	50	2
1230	137	36	1230	147	34	1215	167	37
1280	97	17	1260	111	21	1260	111	20

<b>SAT Scores</b>		2016	2016	2016	2015	2015	2015
Institutions with Over \$40 Million in Federal Research, Alphabetically		Median SAT	National Rank	Control Rank	Median SAT	National Rank	Control Rank
Public	University of Wyoming	1180	351	110	1130	288	100
Public	Utah State University	1160	406	133	1090	403	144
Private	Vanderbilt University	1520	4	4	1485	8	8
Public	Virginia Commonwealth University	1090	689	260	1095	395	138
Public	Virginia Polytechnic Inst. and St. U.	1210	233	70	1210	152	46
Private	Wake Forest University						
Public	Washington State Univ. - Pullman	1048	857	324	1030	642	240
Private	Washington University in St. Louis	1500	8	8	1460	15	15
Public	Wayne State University	1160	406	133	1070	462	171
Private	Weill Cornell Medical College						
Public	West Virginia University	1160	406	133	1110	338	117
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	1510	7	7	1515	4	4
Private	Yeshiva University	1225	204	143	1250	115	88

2014 Median SAT	2014 National Rank	2014 Control Rank	2013 Median SAT	2013 National Rank	2013 Control Rank	2012 Median SAT	2012 National Rank	2012 Control Rank
1130	286	98	1130	324	97	1130	322	97
1070	491	172	1090	455	140	1070	531	163
1460	13	13	1460	12	12	1460	12	12
1105	393	132	1105	423	125	1105	421	127
1215	157	43	1220	155	38	1215	167	37
1030	673	237	1030	727	233	1050	627	201
1460	13	13	1460	12	12	1490	7	7
1070	491	172	1050	616	203	1030	729	242
1090	420	144	1035	714	227	1055	611	194
1505	3	3	1500	5	5	1495	4	4
1240	118	90	1235	142	111	1220	152	118

National Merit and Achievement Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank
Public	Arizona State University	126	18	9	109	19	9
Public	Auburn University	59	35	17	60	32	13
Public	Augusta University	3	196	91	2	209	96
Private	Baylor College of Medicine						
Private	Boston University	42	51	26	56	34	20
Private	Brandeis University	17	94	45	11	115	56
Private	Brown University	87	26	13	100	21	12
Private	California Institute of Technology	28	71	33	44	46	27
Private	Carnegie Mellon University	36	55	29	55	35	21
Private	Case Western Reserve University	64	32	17	72	28	16
Public	Clemson University	51	41	22	43	47	20
Public	Cleveland State University	0	325	140	0	331	145
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	8	132	67	9	127	66
Private	Columbia University	68	29	16	67	30	18
Private	Cornell University	76	27	14	81	23	13
Private	Dartmouth College	41	52	27	49	43	25
Private	Drexel University	3	196	106	4	169	91
Private	Duke University	98	22	12	106	20	11
Private	Emory University	47	44	21	54	38	22
Public	Florida International University	1	238	112	0	331	145
Public	Florida State University	25	75	40	22	80	41
Public	George Mason University	0	325	140	1	243	108
Private	George Washington University	21	82	39	17	92	43
Private	Georgetown University	35	57	31	33	63	33
Public	Georgia Institute of Technology	65	31	15	55	35	15
Public	Georgia State University	0	325	140	0	331	145
Private	Harvard University	219	4	3	233	3	2
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	57	36	18	52	39	17
Public	Iowa State University	29	69	37	35	60	28
Private	Johns Hopkins University	45	48	25	47	44	26
Public	Kansas State University	7	140	69	6	148	74
Public	Louisiana State Univ. - Baton Rouge	24	76	41	25	73	36
Private	Massachusetts Inst. of Technology	156	11	7	154	11	7
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	54	40	21	34	62	30
Public	Mississippi State University	35	57	27	37	56	25
Public	Montana State University - Bozeman	12	111	59	12	112	58
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	1	238	112	2	209	96
Public	New Mexico State Univ. - Las Cruces	0	325	140	0	331	145
Private	New York University	12	111	53	15	100	47
Public	North Carolina State University	11	116	61	8	134	68
Private	Northeastern University	153	13	9	81	23	13
Private	Northwestern University	200	7	5	168	7	6
Public	Ohio State University - Columbus	30	66	34	19	85	45
Public	Oklahoma State University - Stillwater	11	116	61	13	108	56



# The Top American Research Universities

2015 National Merit Scholars	2015 National Rank	2015 Control Rank	2014 National Merit Scholars	2014 National Rank	2014 Control Rank	2013 National Merit Scholars	2013 National Rank	2013 Control Rank
112	17	7	118	17	5	120	19	6
64	30	14	74	27	10	70	33	13
3	193	87	0	343	146	0	355	147
35	60	31	36	61	34	34	59	31
12	114	59	15	107	55	17	100	52
76	24	14	104	22	14	101	22	15
45	48	27	43	51	30	43	51	30
51	44	25	38	58	32	32	64	34
60	34	19	51	42	26	66	37	23
55	41	19	43	51	22	39	55	25
1	247	107	0	343	146	0	355	147
4	173	80	5	170	76	9	137	60
78	23	13	103	23	15	103	21	14
72	26	16	92	24	16	87	26	16
64	30	17	63	33	20	70	33	21
7	143	77	5	170	95	4	187	103
108	19	11	127	16	12	167	13	11
58	38	21	54	39	23	53	47	28
0	326	139	1	257	111	2	229	96
22	84	41	14	110	54	16	105	51
1	247	107	1	257	111	1	258	108
17	96	48	20	94	48	17	100	52
32	68	36	35	62	35	28	74	40
59	36	17	57	36	15	176	11	1
0	326	139	4	183	82	1	258	108
209	4	3	309	3	2	321	2	2
68	28	12	48	47	19	67	36	14
33	64	31	43	51	22	38	58	28
47	45	26	43	51	30	33	62	33
9	128	60	6	159	68	8	146	64
27	74	34	25	84	42	43	51	22
139	14	9	185	10	9	212	9	9
43	51	23	45	48	20	39	55	25
37	56	27	41	55	24	32	64	31
7	143	67	8	144	66	10	130	57
0	326	139	1	257	111	1	258	108
0	326	139	0	343	146	1	258	108
12	114	59	20	94	48	26	80	43
5	158	73	11	124	59	10	130	57
85	22	12	114	18	13	151	16	13
206	5	4	228	8	7	259	4	4
18	93	46	16	103	51	22	87	42
17	96	49	25	84	42	31	67	32

National Merit and Achievement Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank
Public	Oregon Health & Science University						
Public	Oregon State University	13	107	57	8	134	68
Public	Penn. St. Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	18	92	48	16	97	52
Private	Princeton University	123	19	10	117	18	10
Public	Purdue University - West Lafayette	141	15	6	125	15	6
Private	Rensselaer Polytechnic Institute	21	82	39	25	73	38
Private	Rice University	57	36	19	67	30	18
Private	Rockefeller University						
Private	Rush University	0	325	186	0	331	187
Public	Rutgers University - New Brunswick	45	48	24	35	60	28
Public	San Diego State University	0	325	140	0	331	145
Private	Scripps Research Institute						
Private	Stanford University	168	8	6	179	6	5
Public	Stony Brook University	19	89	45	24	77	39
Public	Temple University	4	180	83	0	331	145
Public	Texas A&M Univ. - College Station	148	14	5	122	16	7
Private	Thomas Jefferson University	0	325	186	0	331	187
Private	Tufts University	36	55	29	50	40	23
Private	Tulane University	32	63	32	39	54	31
Public	U.S. Air Force Academy	0	325	140	0	331	145
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	0	325	140	0	331	145
Public	University at Buffalo	2	215	100	1	243	108
Public	University of Alabama - Birmingham	30	66	34	22	80	41
Public	University of Alabama - Huntsville	5	167	77	1	243	108
Public	University of Alaska - Fairbanks	0	325	140	0	331	145
Public	University of Arizona	30	66	34	43	47	20
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	136	16	7	161	8	2
Public	University of California - Davis	5	167	77	4	169	79
Public	University of California - Irvine	1	238	112	3	190	86
Public	University of California - Los Angeles	57	36	18	43	47	20
Public	University of California - Riverside	0	325	140	1	243	108
Public	University of California - San Diego	16	98	53	19	85	45
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	6	152	74	3	190	86
Public	University of California - Santa Cruz	0	325	140	0	331	145
Public	University of Central Florida	89	25	13	77	26	11
Private	University of Chicago	259	2	1	277	2	1
Public	University of Cincinnati - Cincinnati	64	32	16	50	40	18
Public	University of Colorado - Boulder	3	196	91	10	120	61
Public	U. of Colorado - Denv./Anschutz Med.	1	238	112	0	331	145
Public	Univ. of Connecticut - Health Center						
Public	University of Connecticut - Storrs	5	167	77	2	209	96
Private	University of Dayton	4	180	98	1	243	136
Public	University of Delaware	2	215	100	3	190	86
Public	University of Florida	202	6	2	158	9	3
Public	University of Georgia	45	48	24	39	54	24

# The Top American Research Universities

2015 National Merit Scholars	2015 National Rank	2015 Control Rank	2014 National Merit Scholars	2014 National Rank	2014 Control Rank	2013 National Merit Scholars	2013 National Rank	2013 Control Rank
4	173	80	13	115	57	5	173	79
21	85	42	24	87	44	16	105	51
146	11	8	179	11	10	192	10	10
94	21	10	28	75	36	20	93	45
19	90	46	32	67	37	29	71	38
59	36	20	64	31	18	74	29	19
0	326	188	0	343	198	0	355	209
35	60	30	35	62	28	24	85	40
0	326	139	0	343	146	0	355	147
176	7	6	249	5	4	219	8	8
25	77	37	11	124	59	14	114	55
1	247	107	1	257	111	0	355	147
142	13	5	165	12	2	158	14	3
0	326	188	0	343	198	0	355	209
55	41	23	64	31	18	69	35	22
33	64	34	44	50	29	30	69	37
0	326	139	0	343	146	0	355	147
0	326	139	0	343	146	0	355	147
1	247	107	2	223	98	1	258	108
24	79	38	21	92	46	27	77	36
2	217	91	1	257	111	2	229	96
0	326	139	1	257	111	0	355	147
65	29	13	71	28	11	72	31	12
129	16	6	114	18	6	111	20	7
3	193	87	1	257	111	3	204	90
2	217	91	4	183	82	0	355	147
43	51	23	32	67	31	18	98	48
1	247	107	0	343	146	0	355	147
18	93	46	14	110	54	15	110	54
4	173	80	3	203	92	1	258	108
0	326	139	0	343	146	1	258	108
69	27	11	84	26	9	64	38	15
294	1	1	315	1	1	333	1	1
44	49	22	49	45	17	30	69	33
5	158	73	6	159	68	6	160	72
0	326	139	0	343	146	0	355	147
2	217	91	1	257	111	5	173	79
4	173	94	3	203	112	2	229	134
3	193	87	4	183	82	2	229	96
146	11	4	32	67	31	23	86	41
42	54	25	45	48	20	61	43	19

National Merit and Achievement Scholars							
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank
Public	University of Hawaii - Manoa	0	325	140	0	331	145
Public	University of Houston - Univ. Park	14	105	56	25	73	36
Public	University of Idaho	22	77	42	17	92	50
Public	University of Illinois - Chicago	4	180	83	2	209	96
Public	Univ. of Illinois - Urbana-Champaign	31	64	32	29	67	32
Public	University of Iowa	31	64	32	26	70	35
Public	University of Kansas - Lawrence	35	57	27	18	91	49
Public	University of Kentucky	103	21	10	99	22	10
Public	University of Louisville	22	77	42	20	83	43
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	4	180	83	3	190	86
Public	University of Maryland - College Park	66	30	14	55	35	15
Public	Univ. of Massachusetts - Amherst	0	325	140	1	243	108
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	22	77	36	36	57	32
Public	University of Michigan - Ann Arbor	90	23	11	60	32	13
Public	University of Minnesota - Twin Cities	159	10	4	150	12	5
Public	University of Missouri - Columbia	17	94	50	13	108	56
Public	University of Nebraska - Lincoln	35	57	27	36	57	26
Public	Univ. of Nebraska Medical Center						
Public	University of Nevada - Reno	19	89	45	10	120	61
Public	Univ. of New Hampshire - Durham	0	325	140	0	331	145
Public	Univ. of New Mexico - Albuquerque	9	128	65	20	83	43
Public	Univ. of North Carolina - Chapel Hill	29	69	37	28	69	34
Public	University of North Dakota	7	140	69	0	331	145
Private	University of Notre Dame	48	43	20	43	47	28
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	317	1	1	279	1	1
Public	University of Oregon	4	180	83	9	127	66
Private	University of Pennsylvania	112	20	11	134	14	9
Public	University of Pittsburgh - Pittsburgh	12	111	59	25	73	36
Public	University of Rhode Island	0	325	140	0	331	145
Private	University of Rochester	27	72	34	24	77	39
Public	Univ. of South Carolina - Columbia	55	39	20	36	57	26
Public	University of South Florida - Tampa	15	100	54	12	112	58
Private	University of Southern California	257	3	2	230	4	3
Public	University of Tennessee - Knoxville	20	87	44	19	85	45
Public	University of Texas - Austin	90	23	11	74	27	12
Public	University of Texas - El Paso	0	325	140	0	331	145
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	33	62	31	33	63	31
Public	University of Vermont	1	238	112	10	120	61
Public	University of Virginia	41	52	26	29	67	32
Public	University of Washington - Seattle	15	100	54	23	79	40
Public	University of Wisconsin - Madison	19	89	45	17	92	50

# The Top American Research Universities

2015 National Merit Scholars	2015 National Rank	2015 Control Rank	2014 National Merit Scholars	2014 National Rank	2014 Control Rank	2013 National Merit Scholars	2013 National Rank	2013 Control Rank
0	326	139	0	343	146	0	355	147
29	72	33	33	64	29	26	80	38
23	80	39	23	88	45	25	84	39
1	247	107	3	203	92	3	204	90
26	75	35	39	57	26	88	25	10
20	87	43	26	81	40	16	105	51
26	75	35	30	73	34	28	74	35
111	18	8	109	20	7	97	23	8
19	90	45	18	98	48	17	100	49
2	217	91	9	136	63	9	137	60
61	33	15	63	33	14	62	40	17
1	247	107	3	203	92	1	258	108
35	60	31	50	44	28	62	40	24
56	40	18	66	30	13	63	39	16
147	10	3	141	15	4	135	17	4
18	93	46	30	73	34	12	122	56
47	45	20	33	64	29	51	48	20
16	98	50	14	110	54	8	146	64
0	326	139	0	343	146	0	355	147
14	106	55	19	97	47	21	89	43
20	87	43	49	45	17	47	50	21
2	217	91	2	223	98	6	160	72
57	39	22	51	42	26	56	45	26
288	2	1	313	2	1	176	11	1
6	152	69	10	132	61	10	130	57
139	14	9	143	13	11	152	15	12
16	98	50	28	75	36	29	71	34
0	326	139	0	343	146	0	355	147
37	56	30	28	75	40	26	80	43
46	47	21	56	38	16	62	40	17
9	128	60	9	136	63	8	146	64
226	3	2	240	6	5	250	5	5
23	80	39	31	71	33	41	54	24
60	34	16	71	28	11	74	29	11
0	326	139	0	343	146	0	355	147
33	64	31	26	81	40	33	62	30
10	120	57	10	132	61	9	137	60
36	59	29	38	58	27	39	55	25
12	114	56	18	98	48	19	96	47
15	102	53	16	103	51	20	93	45

**National Merit and Achievement Scholars**

Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 National Merit Scholars	2017 National Rank	2017 Control Rank	2016 National Merit Scholars	2016 National Rank	2016 Control Rank
Public	University of Wyoming	3	196	91	2	209	96
Public	Utah State University	4	180	83	0	331	145
Private	Vanderbilt University	219	4	3	220	5	4
Public	Virginia Commonwealth University	5	167	77	10	120	61
Public	Virginia Polytechnic Inst. and St. U.	5	167	77	0	331	145
Private	Wake Forest University	2	215	116	2	209	114
Public	Washington State Univ. - Pullman	11	116	61	2	209	96
Private	Washington University in St. Louis	38	54	28	33	63	33
Public	Wayne State University	6	152	74	10	120	61
Private	Weill Cornell Medical College						
Public	West Virginia University	17	94	50	19	85	45
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	156	11	7	147	13	8
Private	Yeshiva University	0	325	186	3	190	105

2015 National Merit Scholars	2015 National Rank	2015 Control Rank	2014 National Merit Scholars	2014 National Rank	2014 Control Rank	2013 National Merit Scholars	2013 National Rank	2013 Control Rank
5	158	73	4	183	82	6	160	72
1	247	107	1	257	111	0	355	147
206	5	4	260	4	3	285	3	3
0	326	139	5	170	76	1	258	108
4	173	80	4	183	82	17	100	49
0	326	188	9	136	74	9	137	78
5	158	73	6	159	68	3	204	90
32	68	36	223	9	8	223	7	7
7	143	67	9	136	63	8	146	64
10	120	57	27	80	39	21	89	43
166	8	7	237	7	6	224	6	6
0	326	188	2	223	126	3	204	115

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2007 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	138,382	86,196	52,186	60.5%	27	20
Public	Auburn University	46,840	54,030	-7,189	-13.3%	-16	-9
Public	Augusta University	22,364	23,052	-688	-3.0%	3	4
Private	Baylor College of Medicine	179,487	168,387	11,100	6.6%	-4	-3
Private	Boston University	118,853	95,773	23,080	24.1%	13	3
Private	Brandeis University	17,829	21,834	-4,005	-18.3%	-7	-1
Private	Brown University	73,789	58,636	15,153	25.8%	12	3
Private	California Institute of Technology	111,670	109,684	1,985	1.8%	-3	-2
Private	Carnegie Mellon University	95,424	75,742	19,682	26.0%	7	-2
Private	Case Western Reserve University	126,600	143,066	-16,466	-11.5%	-14	-1
Public	Clemson University	41,803	81,358	-39,555	-48.6%	-50	-34
Public	Cleveland State University	22,153	6,127	16,026	261.6%	94	74
Private	Cold Spring Harbor Laboratory	27,884					
Public	Colorado State Univ. - Fort Collins	101,282	110,841	-9,559	-8.6%	-13	-6
Private	Columbia University	248,828	209,771	39,057	18.6%	1	-1
Private	Cornell University	184,499	172,624	11,875	6.9%	-5	-5
Private	Dartmouth College	70,380	74,091	-3,712	-5.0%	-10	-4
Private	Drexel University	37,867	37,104	763	2.1%	-2	-3
Private	Duke University	327,308	300,384	26,924	9.0%	-1	-1
Private	Emory University	187,464	153,059	34,405	22.5%	4	1
Public	Florida International University	41,956	34,925	7,031	20.1%	11	11
Public	Florida State University	76,283	72,831	3,452	4.7%	3	3
Public	George Mason University	29,045	22,380	6,665	29.8%	18	17
Private	George Washington University	67,397	48,451	18,946	39.1%	21	6
Private	Georgetown University	51,017	52,933	-1,916	-3.6%	-8	-4
Public	Georgia Institute of Technology	244,567	181,569	62,998	34.7%	7	7
Public	Georgia State University	32,520	19,743	12,777	64.7%	37	32
Private	Harvard University	317,246	173,380	143,866	83.0%	17	4
Private	Icahn School of Med. at Mount Sinai	169,383	103,523	65,860	63.6%	23	5
Public	Indiana University - Bloomington	147,676	55,113	92,563	168.0%	59	43
Public	Iowa State University	99,324	83,432	15,892	19.1%	5	8
Private	Johns Hopkins University	760,300	597,086	163,214	27.3%	0	0
Public	Kansas State University	57,036	47,602	9,434	19.8%	14	10
Public	Louisiana State Univ. - Baton Rouge	88,587	100,247	-11,660	-11.6%	-13	-6
Private	Massachusetts Inst. of Technology	275,915	236,034	39,881	16.9%	-1	-1
Private	Medical College of Wisconsin	62,676	60,769	1,907	3.1%	-1	-2
Public	Medical University of South Carolina	81,541	70,933	10,608	15.0%	12	10
Public	Michigan State University	179,699	138,639	41,060	29.6%	5	3
Public	Mississippi State University	72,086	79,225	-7,139	-9.0%	-9	-4
Public	Montana State University - Bozeman	32,033	44,951	-12,918	-28.7%	-23	-17
Public	Naval Postgraduate School	17,104	24,355	-7,251	-29.8%	-18	-16
Public	New Jersey Institute of Technology	29,856	34,078	-4,222	-12.4%	-8	-4
Public	New Mexico State Univ. - Las Cruces	34,151	56,908	-22,757	-40.0%	-37	-26
Private	New York University	235,562	114,441	121,121	105.8%	35	11
Public	North Carolina State University	150,179	127,425	22,754	17.9%	6	5
Private	Northeastern University	38,113	27,471	10,642	38.7%	18	3
Private	Northwestern University	214,674	170,333	44,341	26.0%	4	1
Public	Ohio State University - Columbus	235,530	276,703	-41,173	-14.9%	-13	-6
Public	Oklahoma State University - Stillwater	47,077	38,847	8,230	21.2%	11	12



## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2016 Federal Research x \$1000	2007 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2016 Non-Federal Research x \$1000	2007 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
62,788	44,042	18,746	42.6%	19	14	75,595	42,154	33,440	79.3%	20	22
17,010	21,111	-4,102	-19.4%	-11	-8	29,830	32,918	-3,088	-9.4%	-28	-18
15,767	15,602	165	1.1%	11	10	6,597	7,450	-853	-11.5%	-16	-11
83,971	101,101	-17,130	-16.9%	-13	-3	95,517	67,286	28,230	42.0%	4	-4
78,539	89,179	-10,640	-11.9%	-7	-1	40,314	6,594	33,720	511.3%	113	24
14,956	15,890	-933	-5.9%	4	-1	2,873	5,945	-3,072	-51.7%	-69	-22
41,304	36,508	4,796	13.1%	15	2	32,485	22,128	10,357	46.8%	14	-1
81,663	97,455	-15,792	-16.2%	-10	-2	30,007	12,229	17,777	145.4%	48	9
59,759	64,732	-4,973	-7.7%	-5	-2	35,665	11,010	24,655	223.9%	72	14
100,446	117,082	-16,636	-14.2%	-12	-4	26,154	25,984	170	0.7%	-20	-11
16,360	20,710	-4,351	-21.0%	-7	-6	25,443	60,648	-35,205	-58.1%	-76	-50
15,568	1,958	13,610	695.0%	153	113	6,585	4,169	2,416	58.0%	17	14
15,825						12,059					
71,360	80,969	-9,608	-11.9%	-3	-2	29,922	29,872	50	0.2%	-19	-10
183,579	176,635	6,944	3.9%	1	0	65,249	33,136	32,113	96.9%	19	0
87,925	98,716	-10,791	-10.9%	-8	0	96,574	73,908	22,666	30.7%	2	-5
43,464	49,241	-5,777	-11.7%	-9	-4	26,916	24,851	2,065	8.3%	-15	-9
20,438	25,663	-5,225	-20.4%	-11	-3	17,429	11,441	5,988	52.3%	15	-2
180,180	176,395	3,786	2.2%	0	0	147,128	123,989	23,139	18.7%	-1	-1
112,922	104,289	8,633	8.3%	0	1	74,542	48,770	25,773	52.9%	10	-3
21,487	20,033	1,454	7.3%	9	8	20,469	14,892	5,577	37.5%	5	9
37,085	43,676	-6,591	-15.1%	-14	-9	39,198	29,155	10,043	34.5%	8	10
15,890	17,899	-2,009	-11.2%	6	4	13,155	4,481	8,674	193.6%	58	51
43,493	33,665	9,828	29.2%	25	6	23,904	14,786	9,118	61.7%	13	-1
25,964	40,458	-14,494	-35.8%	-23	-6	25,053	12,475	12,578	100.8%	32	3
177,786	99,980	77,805	77.8%	20	8	66,781	81,589	-14,808	-18.2%	-28	-12
12,821	9,439	3,382	35.8%	29	22	19,698	10,303	9,395	91.2%	29	27
172,280	150,646	21,635	14.4%	2	2	144,966	22,734	122,232	537.7%	90	22
107,250	85,061	22,189	26.1%	16	8	62,133	18,462	43,671	236.5%	61	9
68,003	24,777	43,226	174.5%	67	51	79,672	30,336	49,336	162.6%	37	32
38,950	37,310	1,639	4.4%	8	8	60,374	46,122	14,252	30.9%	1	8
658,380	523,602	134,779	25.7%	0	0	101,919	73,485	28,435	38.7%	5	-3
21,275	18,309	2,966	16.2%	19	15	35,761	29,294	6,467	22.1%	0	5
26,633	30,644	-4,011	-13.1%	-2	-3	61,954	69,603	-7,649	-11.0%	-23	-9
157,284	183,001	-25,718	-14.1%	-9	-4	118,631	53,033	65,599	123.7%	28	6
34,024	41,186	-7,162	-17.4%	-8	-3	28,653	19,583	9,070	46.3%	7	-2
38,940	38,959	-18	-0.1%	4	5	42,600	31,974	10,626	33.2%	3	5
92,285	65,448	26,836	41.0%	19	12	87,415	73,191	14,224	19.4%	-5	1
27,140	40,980	-13,840	-33.8%	-21	-16	44,946	38,245	6,701	17.5%	-1	5
19,277	29,109	-9,832	-33.8%	-21	-17	12,756	15,842	-3,086	-19.5%	-25	-13
15,851	23,987	-8,137	-33.9%	-21	-17	1,253	368	885	240.5%	78	47
19,851	15,879	3,972	25.0%	27	23	10,005	18,199	-8,194	-45.0%	-54	-38
19,278	38,717	-19,439	-50.2%	-39	-29	14,873	18,191	-3,318	-18.2%	-25	-13
104,233	74,651	29,582	39.6%	20	8	131,328	39,789	91,539	230.1%	50	9
61,841	50,352	11,490	22.8%	9	6	88,337	77,073	11,265	14.6%	-10	0
24,662	13,842	10,820	78.2%	48	7	13,451	13,629	-178	-1.3%	-12	-8
133,124	95,824	37,300	38.9%	17	10	81,550	74,509	7,041	9.5%	-11	-10
131,321	120,348	10,974	9.1%	-1	-1	104,209	156,356	-52,146	-33.4%	-20	-13
12,912	14,199	-1,287	-9.1%	7	7	34,166	24,648	9,518	38.6%	9	12

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2007 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	103,271	110,431	-7,159	-6.5%	-10	-3
Public	Oregon State University	79,172	72,755	6,416	8.8%	6	6
Public	Penn. State Univ. - Hershey Med. Ctr.	33,011	26,779	6,232	23.3%	15	13
Public	Pennsylvania State Univ. - Univ. Park	220,919	223,775	-2,855	-1.3%	-11	-6
Private	Princeton University	89,577	72,511	17,066	23.5%	13	1
Public	Purdue University - West Lafayette	162,355	159,509	2,846	1.8%	-7	-3
Private	Rensselaer Polytechnic Institute	29,440	29,675	-235	-0.8%	0	-2
Private	Rice University	47,607	27,445	20,161	73.5%	35	6
Private	Rockefeller University	105,065	89,871	15,194	16.9%	6	-3
Private	Rush University	22,996	32,415	-9,419	-29.1%	-20	-6
Public	Rutgers University - New Brunswick	191,438	108,032	83,406	77.2%	29	21
Public	San Diego State University	23,357	25,284	-1,927	-7.6%	0	0
Private	Scripps Research Institute	114,324	138,508	-24,184	-17.5%	-18	-4
Private	Stanford University	317,372	264,142	53,230	20.2%	0	-1
Public	Stony Brook University	71,460	103,074	-31,614	-30.7%	-29	-21
Public	Temple University	72,851	32,808	40,042	122.1%	51	41
Public	Texas A&M Univ. - College Station	269,595	208,962	60,633	29.0%	4	4
Private	Thomas Jefferson University	38,371	41,220	-2,849	-6.9%	-4	-2
Private	Tufts University	56,747	50,263	6,484	12.9%	8	2
Private	Tulane University	48,059	52,677	-4,618	-8.8%	-7	-3
Public	U.S. Air Force Academy	15,882	5,572	10,309	185.0%	72	52
Public	Uniformed Services Univ. of the HS	80,320	27,396	52,923	193.2%	73	56
Public	University at Albany	33,107	118,803	-85,696	-72.1%	-87	-62
Public	University at Buffalo	117,032	120,960	-3,928	-3.3%	-4	-3
Public	University of Alabama - Birmingham	166,623	135,030	31,593	23.4%	5	4
Public	University of Alabama - Huntsville	28,701	26,904	1,796	6.7%	6	5
Public	University of Alaska - Fairbanks	44,509	49,237	-4,728	-9.6%	-11	-8
Public	University of Arizona	185,721	204,300	-18,578	-9.1%	-11	-4
Public	Univ. of Arkansas for Med. Sciences	39,306	41,705	-2,399	-5.8%	-4	-2
Public	University of California - Berkeley	230,261	212,219	18,043	8.5%	-5	-2
Public	University of California - Davis	227,623	230,715	-3,092	-1.3%	-12	-7
Public	University of California - Irvine	102,070	118,931	-16,861	-14.2%	-15	-7
Public	University of California - Los Angeles	314,131	316,228	-2,097	-0.7%	-8	-4
Public	University of California - Riverside	46,169	49,200	-3,031	-6.2%	-7	-4
Public	University of California - San Diego	338,401	306,936	31,465	10.3%	0	1
Public	Univ. of California - San Francisco	405,751	323,819	81,932	25.3%	-1	-1
Public	Univ. of California - Santa Barbara	68,941	73,461	-4,520	-6.2%	-7	-5
Public	University of California - Santa Cruz	45,845	47,970	-2,124	-4.4%	-6	-4
Public	University of Central Florida	58,803	42,875	15,928	37.2%	24	20
Private	University of Chicago	126,181	123,900	2,281	1.8%	-1	0
Public	University of Cincinnati - Cincinnati	125,933	129,367	-3,433	-2.7%	-6	-5
Public	University of Colorado - Boulder	136,012	99,748	36,264	36.4%	17	12
Public	U. of Colorado - Denv./Anschutz Med.	135,649	100,499	35,150	35.0%	14	9
Public	Univ. of Connecticut - Health Center	24,734	44,573	-19,839	-44.5%	-34	-26
Public	University of Connecticut - Storrs	56,136	41,749	14,387	34.5%	20	17
Private	University of Dayton	34,912	28,433	6,480	22.8%	13	0
Public	University of Delaware	53,102	45,430	7,672	16.9%	9	8
Public	University of Florida	232,600	227,767	4,833	2.1%	-8	-4
Public	University of Georgia	113,023	127,790	-14,767	-11.6%	-12	-8

## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2016 Federal Research x \$1000	2007 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2016 Non-Federal Research x \$1000	2007 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
72,296	87,383	-15,087	-17.3%	-8	-6	30,976	23,048	7,928	34.4%	8	11
49,043	42,365	6,678	15.8%	11	9	30,129	30,391	-262	-0.9%	-19	-11
21,765	15,226	6,539	43.0%	35	30	11,246	11,553	-307	-2.7%	-12	-5
145,227	127,231	17,996	14.1%	2	0	75,692	96,543	-20,851	-21.6%	-26	-13
50,650	45,786	4,864	10.6%	3	1	38,928	26,725	12,202	45.7%	12	-2
67,206	63,638	3,568	5.6%	4	4	95,149	95,871	-722	-0.8%	-13	-4
15,326	18,797	-3,471	-18.5%	-9	-3	14,114	10,878	3,236	29.7%	7	-2
25,909	20,854	5,055	24.2%	17	2	21,698	6,591	15,107	229.2%	62	10
25,289	33,321	-8,032	-24.1%	-11	-3	79,776	56,550	23,226	41.1%	3	-4
15,779	15,215	564	3.7%	15	2	7,216	17,200	-9,984	-58.0%	-72	-19
99,732	48,165	51,567	107.1%	38	26	91,707	59,867	31,840	53.2%	6	10
13,186	12,732	454	3.6%	15	13	10,171	12,552	-2,382	-19.0%	-23	-14
76,020	102,609	-26,589	-25.9%	-19	-8	38,304	35,899	2,405	6.7%	-8	-8
209,599	205,465	4,134	2.0%	0	0	107,773	58,677	49,096	83.7%	19	1
37,086	42,739	-5,653	-13.2%	-9	-5	34,374	60,335	-25,961	-43.0%	-46	-27
42,050	20,920	21,130	101.0%	49	40	30,800	11,888	18,913	159.1%	54	44
88,098	87,737	361	0.4%	0	-4	181,497	121,225	60,272	49.7%	6	5
18,454	31,330	-12,875	-41.1%	-28	-5	19,917	9,890	10,026	101.4%	34	3
38,988	35,108	3,880	11.1%	12	2	17,759	15,156	2,604	17.2%	-5	-7
27,910	37,833	-9,923	-26.2%	-12	-3	20,149	14,843	5,305	35.7%	4	-4
13,972	5,494	8,477	154.3%	76	61	1,910	78	1,832	2348.8%	257	142
54,865	14,321	40,544	283.1%	94	72	25,455	13,075	12,380	94.7%	29	26
23,228	40,639	-17,411	-42.8%	-31	-21	9,879	78,164	-68,284	-87.4%	-148	-105
56,460	57,242	-782	-1.4%	-4	-2	60,572	63,719	-3,147	-4.9%	-21	-8
108,531	103,352	5,178	5.0%	0	-1	58,092	31,678	26,415	83.4%	17	17
21,595	18,601	2,993	16.1%	19	16	7,106	8,303	-1,197	-14.4%	-21	-16
27,534	43,239	-15,705	-36.3%	-28	-21	16,975	5,998	10,977	183.0%	55	48
81,335	103,711	-22,376	-21.6%	-19	-12	104,386	100,588	3,798	3.8%	-7	-1
15,361	23,373	-8,012	-34.3%	-26	-20	23,945	18,332	5,613	30.6%	-3	3
106,139	96,451	9,688	10.0%	6	1	124,122	115,768	8,354	7.2%	-3	0
104,876	98,737	6,139	6.2%	1	-2	122,747	131,978	-9,232	-7.0%	-10	-6
53,506	65,280	-11,774	-18.0%	-13	-10	48,564	53,650	-5,087	-9.5%	-20	-10
150,392	187,815	-37,423	-19.9%	-12	-6	163,739	128,414	35,326	27.5%	1	1
21,921	21,565	356	1.7%	4	5	24,247	27,635	-3,387	-12.3%	-32	-17
188,832	182,767	6,065	3.3%	-1	-1	149,569	124,169	25,400	20.5%	-1	0
188,948	179,576	9,372	5.2%	2	2	216,803	144,243	72,560	50.3%	0	0
36,016	42,972	-6,956	-16.2%	-12	-8	32,925	30,489	2,436	8.0%	-13	-6
29,360	26,204	3,156	12.0%	15	12	16,486	21,766	-5,280	-24.3%	-33	-19
25,194	18,964	6,231	32.9%	24	22	33,608	23,911	9,697	40.6%	10	13
92,030	100,610	-8,580	-8.5%	-8	0	34,151	23,289	10,861	46.6%	14	-2
72,030	84,262	-12,232	-14.5%	-5	-4	53,903	45,105	8,798	19.5%	-2	5
113,119	85,685	27,435	32.0%	18	9	22,893	14,063	8,830	62.8%	13	14
90,839	82,674	8,165	9.9%	8	3	44,810	17,825	26,985	151.4%	51	43
13,803	24,503	-10,700	-43.7%	-33	-25	10,931	20,070	-9,139	-45.5%	-52	-34
31,327	22,951	8,376	36.5%	27	21	24,809	18,798	6,011	32.0%	0	6
30,609	23,086	7,522	32.6%	25	5	4,304	5,347	-1,043	-19.5%	-22	-6
33,977	31,711	2,265	7.1%	9	6	19,125	13,718	5,407	39.4%	6	10
93,193	92,523	671	0.7%	2	-2	139,407	135,245	4,162	3.1%	-7	-4
43,380	39,671	3,709	9.4%	11	10	69,643	88,119	-18,476	-21.0%	-27	-13

## The Top American Research Universities

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2007 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	94,321	102,369	-8,048	-7.9%	-13	-7
Public	University of Houston - Univ. Park	44,542	28,255	16,288	57.7%	27	23
Public	University of Idaho	31,147	32,038	-891	-2.8%	-2	1
Public	University of Illinois - Chicago	98,553	131,558	-33,005	-25.1%	-28	-19
Public	Univ. of Illinois - Urbana-Champaign	184,107	182,069	2,039	1.1%	-9	-2
Public	University of Iowa	140,360	139,558	802	0.6%	-7	-7
Public	University of Kansas - Lawrence	51,505	51,831	-326	-0.6%	-4	-3
Public	University of Kentucky	106,682	127,403	-20,721	-16.3%	-14	-7
Public	University of Louisville	51,530	58,101	-6,571	-11.3%	-12	-8
Public	University of Maryland - Baltimore	117,603	137,871	-20,267	-14.7%	-12	-10
Public	Univ. of Maryland - Baltimore County	21,758	25,729	-3,971	-15.4%	-7	-6
Public	University of Maryland - College Park	162,134	138,220	23,914	17.3%	1	0
Public	Univ. of Massachusetts - Amherst	60,776	54,307	6,469	11.9%	3	4
Public	Univ. of Mass. Med. Sch. - Worcester	79,347	60,500	18,847	31.2%	17	14
Private	University of Miami	111,509	80,887	30,622	37.9%	17	1
Public	University of Michigan - Ann Arbor	425,491	310,714	114,777	36.9%	3	3
Public	University of Minnesota - Twin Cities	273,533	239,798	33,735	14.1%	-3	-1
Public	University of Missouri - Columbia	74,803	87,849	-13,046	-14.9%	-12	-7
Public	University of Nebraska - Lincoln	82,916	82,999	-83	-0.1%	-2	3
Public	University of Nebraska Medical Ctr.	47,243	42,935	4,308	10.0%	6	8
Public	University of Nevada - Reno	28,426	36,810	-8,384	-22.8%	-16	-11
Public	Univ. of New Hampshire - Durham	42,638	43,886	-1,249	-2.8%	-3	-1
Public	Univ. of New Mexico - Albuquerque	71,350	68,169	3,181	4.7%	2	1
Public	Univ. of North Carolina - Chapel Hill	317,616	183,352	134,263	73.2%	16	11
Public	University of North Dakota	21,677	24,218	-2,541	-10.5%	-4	-3
Private	University of Notre Dame	54,921	29,763	25,158	84.5%	38	6
Public	University of Oklahoma - HSC	34,326	36,686	-2,360	-6.4%	-2	2
Public	University of Oklahoma - Norman	40,989	31,251	9,738	31.2%	13	12
Public	University of Oregon	21,516	23,703	-2,187	-9.2%	-4	-3
Private	University of Pennsylvania	357,651	249,057	108,595	43.6%	6	2
Public	University of Pittsburgh - Pittsburgh	276,039	214,601	61,438	28.6%	5	4
Public	University of Rhode Island	28,391	29,290	-899	-3.1%	-3	-1
Private	University of Rochester	107,997	143,402	-35,404	-24.7%	-27	-9
Public	Univ. of South Carolina - Columbia	57,520	61,033	-3,513	-5.8%	-6	-3
Public	University of South Florida - Tampa	140,389	104,756	35,633	34.0%	15	11
Private	University of Southern California	207,546	195,227	12,319	6.3%	-6	-4
Public	University of Tennessee - Knoxville	77,239	63,601	13,638	21.4%	11	9
Public	University of Texas - Austin	177,349	171,647	5,702	3.3%	-7	-2
Public	University of Texas - El Paso	25,388	15,355	10,033	65.3%	35	32
Public	University of Texas HSC - Houston	74,305	73,660	644	0.9%	-1	-1
Public	Univ. of Texas HSC - San Antonio	61,096	61,580	-484	-0.8%	-4	-1
Public	U. of Texas MD Anderson Cancer Ctr.	267,132	190,770	76,362	40.0%	6	5
Public	U. of Texas Med. Branch - Galveston	56,286	70,498	-14,212	-20.2%	-13	-9
Public	Univ. of Texas SW Med. Ctr. - Dallas	138,776	131,047	7,729	5.9%	-1	-2
Public	University of Utah	101,157	95,202	5,955	6.3%	-2	2
Public	University of Vermont	36,242	43,490	-7,247	-16.7%	-12	-7
Public	University of Virginia	115,345	88,233	27,112	30.7%	16	12
Public	University of Washington - Seattle	375,502	290,758	84,744	29.2%	4	3
Public	University of Wisconsin - Madison	329,586	322,986	6,600	2.0%	-4	-3

## The Top American Research Universities

Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2016 Federal Research x \$1000	2007 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2016 Non-Federal Research x \$1000	2007 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
59,466	79,989	-20,523	-25.7%	-14	-10	34,855	22,380	12,475	55.7%	21	21
18,210	15,413	2,797	18.2%	23	20	26,333	12,842	13,490	105.1%	32	28
15,701	17,729	-2,028	-11.4%	1	1	15,446	14,310	1,137	7.9%	-8	-2
54,957	80,252	-25,295	-31.5%	-19	-15	43,596	51,306	-7,710	-15.0%	-18	-9
100,540	97,438	3,103	3.2%	2	-2	83,567	84,631	-1,064	-1.3%	-15	-5
74,100	85,655	-11,555	-13.5%	-5	-3	66,260	53,903	12,357	22.9%	-6	1
25,054	27,211	-2,157	-7.9%	-2	0	26,452	24,620	1,831	7.4%	-12	-3
47,874	59,431	-11,557	-19.5%	-14	-10	58,809	67,972	-9,163	-13.5%	-25	-11
21,876	29,383	-7,507	-25.6%	-13	-10	29,654	28,718	936	3.3%	-19	-10
62,919	63,090	-171	-0.3%	3	3	54,684	74,781	-20,096	-26.9%	-34	-17
15,877	19,003	-3,126	-16.5%	-4	-3	5,881	6,726	-845	-12.6%	-18	-13
111,226	84,129	27,097	32.2%	20	11	50,908	54,090	-3,183	-5.9%	-20	-11
30,590	27,652	2,938	10.6%	13	10	30,186	26,655	3,531	13.3%	-8	-1
56,883	50,417	6,466	12.8%	2	1	22,463	10,083	12,381	122.8%	38	33
60,927	56,683	4,245	7.5%	4	1	50,581	24,204	26,377	109.0%	31	3
244,555	221,761	22,794	10.3%	0	0	180,936	88,954	91,982	103.4%	13	12
145,016	129,847	15,169	11.7%	0	-2	128,517	109,952	18,566	16.9%	-1	2
32,957	41,620	-8,663	-20.8%	-11	-7	41,846	46,229	-4,383	-9.5%	-15	-7
29,322	30,882	-1,559	-5.1%	5	2	53,594	52,118	1,476	2.8%	-13	-5
23,895	20,557	3,338	16.2%	15	14	23,347	22,378	970	4.3%	-17	-7
16,186	24,094	-7,908	-32.8%	-19	-15	12,240	12,715	-476	-3.7%	-15	-7
28,045	31,131	-3,086	-9.9%	2	-1	14,593	12,756	1,837	14.4%	-2	3
47,997	47,272	725	1.5%	-1	-1	23,353	20,897	2,456	11.8%	-13	-4
195,665	133,191	62,474	46.9%	12	5	121,951	50,161	71,790	143.1%	35	28
13,246	17,139	-3,893	-22.7%	-3	-1	8,431	7,079	1,351	19.1%	5	7
26,920	20,737	6,183	29.8%	22	5	28,001	9,026	18,975	210.2%	62	13
17,590	18,926	-1,337	-7.1%	4	5	16,737	17,760	-1,023	-5.8%	-18	-6
22,620	14,277	8,343	58.4%	42	36	18,369	16,974	1,395	8.2%	-7	1
17,285	19,005	-1,720	-9.1%	0	1	4,230	4,698	-467	-10.0%	-22	-16
200,118	172,770	27,349	15.8%	7	3	157,533	76,287	81,246	106.5%	16	1
180,351	169,569	10,781	6.4%	3	1	95,689	45,032	50,657	112.5%	33	30
18,320	20,194	-1,874	-9.3%	0	1	10,071	9,096	975	10.7%	-1	1
83,212	107,627	-24,414	-22.7%	-19	-7	24,785	35,775	-10,990	-30.7%	-47	-18
27,660	34,194	-6,533	-19.1%	-5	-4	29,860	26,839	3,021	11.3%	-14	-5
66,093	60,873	5,220	8.6%	5	5	74,296	43,883	30,413	69.3%	16	19
124,208	136,423	-12,216	-9.0%	-7	-2	83,338	58,803	24,535	41.7%	2	-5
39,353	28,872	10,481	36.3%	30	24	37,886	34,729	3,157	9.1%	-7	0
106,647	111,161	-4,514	-4.1%	-6	-4	70,703	60,486	10,217	16.9%	-10	-1
12,974	8,075	4,899	60.7%	41	30	12,414	7,279	5,134	70.5%	25	25
37,964	50,668	-12,704	-25.1%	-24	-17	36,340	22,992	13,348	58.1%	22	22
28,134	36,733	-8,599	-23.4%	-8	-6	32,962	24,847	8,115	32.7%	4	8
48,606	73,193	-24,587	-33.6%	-20	-15	218,525	117,577	100,948	85.9%	9	8
31,495	45,402	-13,907	-30.6%	-23	-17	24,791	25,096	-305	-1.2%	-24	-12
58,080	73,646	-15,566	-21.1%	-12	-9	80,696	57,401	23,295	40.6%	2	7
70,309	67,127	3,182	4.7%	3	3	30,848	28,075	2,773	9.9%	-10	-2
26,059	34,597	-8,537	-24.7%	-11	-9	10,183	8,893	1,290	14.5%	3	4
62,311	76,170	-13,859	-18.2%	-8	-6	53,034	12,063	40,971	339.7%	83	65
279,971	238,348	41,623	17.5%	0	0	95,531	52,409	43,121	82.3%	20	18
171,875	180,219	-8,344	-4.6%	-6	-3	157,711	142,767	14,943	10.5%	-3	-3

Change: Research		Total Research in Constant 1983 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Total Research x \$1000	2007 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 Wyoming	34,031	30,621	3,410	11.1%	5	8
Public	Utah State University	56,063	53,881	2,182	4.1%	-2	0
Private	Vanderbilt University	191,972	153,353	38,619	25.2%	5	1
Public	Virginia Commonwealth University	63,374	51,657	11,717	22.7%	13	10
Public	Virginia Polytechnic Inst. and St. U.	160,616	140,986	19,630	13.9%	-4	-4
Private	Wake Forest University	53,149	71,311	-18,162	-25.5%	-19	-6
Public	Washington State Univ. - Pullman	96,380	80,686	15,694	19.5%	6	8
Private	Washington University in St. Louis	227,796	220,060	7,736	3.5%	-8	-4
Public	Wayne State University	67,185	90,358	-23,174	-25.7%	-25	-16
Private	Weill Cornell Medical College	115,265	74,008	41,257	55.8%	26	7
Public	West Virginia University	51,571	51,325	246	0.5%	0	1
Private	Woods Hole Oceanographic Inst.	66,579	52,793	13,786	26.1%	11	2
Private	Yale University	271,482	172,379	99,102	57.5%	14	4
Private	Yeshiva University	105,270	73,843	31,427	42.6%	20	3



Federal Research in Constant 1983 Dollars						Non-Federal Research in Constant 1983 Dollars					
2016 Federal Research x \$1000	2007 Federal Research x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2016 Non-Federal Research x \$1000	2007 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
19,820	9,811	10,009	102.0%	53	44	14,211	20,809	-6,599	-31.7%	-36	-21
39,182	34,898	4,284	12.3%	15	12	16,882	18,984	-2,102	-11.1%	-25	-12
123,991	119,939	4,052	3.4%	-2	-1	67,981	33,414	34,567	103.5%	21	0
39,176	34,631	4,545	13.1%	15	12	24,198	17,026	7,172	42.1%	5	10
59,871	49,483	10,387	21.0%	8	6	100,746	91,503	9,243	10.1%	-7	0
44,094	54,352	-10,258	-18.9%	-12	-3	9,055	16,959	-7,905	-46.6%	-49	-14
38,333	30,162	8,172	27.1%	21	16	58,046	50,524	7,522	14.9%	-7	1
136,758	163,074	-26,316	-16.1%	-6	-2	91,038	56,986	34,052	59.8%	9	-2
34,316	43,939	-9,623	-21.9%	-17	-12	32,869	46,420	-13,551	-29.2%	-35	-21
46,235	42,322	3,913	9.3%	8	2	69,030	31,686	37,344	117.9%	26	3
22,043	25,242	-3,198	-12.7%	-3	-1	29,528	26,084	3,444	13.2%	-14	-6
52,044	43,320	8,724	20.1%	9	3	14,535	9,473	5,062	53.4%	19	1
155,027	134,096	20,931	15.6%	1	2	116,455	38,283	78,171	204.2%	45	8
68,590	56,839	11,751	20.7%	11	1	36,680	17,004	19,677	115.7%	45	6

## The Top American Research Universities

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2008	Net	Percent	Net	Net
		Endowment	Endowment	Change	Change	Change	Change
		Assets	Assets	in	in	in	in
		x \$1000	x \$1000	Constant	Constant	National	Control
				Dollars	Dollars	Rank	Rank
Public	Arizona State University	373,006	333,327	39,679	11.9%	-5	-1
Public	Auburn University	413,659	262,509	151,150	57.6%	32	16
Public	Augusta University	131,856	82,033	49,823	60.7%	69	13
Private	Baylor College of Medicine	653,858	738,175	-84,317	-11.4%	-16	-9
Private	Boston University	1,096,910	774,132	322,778	41.7%	12	10
Private	Brandeis University	547,545	481,685	65,860	13.7%	-5	3
Private	Brown University	1,819,120	1,857,133	-38,013	-2.1%	-6	-2
Private	California Institute of Technology	1,460,946	1,278,859	182,087	14.2%	1	1
Private	Carnegie Mellon University	1,207,372	721,891	485,481	67.3%	22	16
Private	Case Western Reserve University	1,008,222	1,194,316	-186,094	-15.6%	-16	-9
Public	Clemson University	382,674	284,840	97,833	34.4%	14	9
Public	Cleveland State University	42,822	28,241	14,582	51.6%	18	7
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	185,077	124,025	61,052	49.2%	40	8
Private	Columbia University	5,603,092	4,966,107	636,985	12.8%	-4	-2
Private	Cornell University	2,969,572	2,985,722	-16,150	-0.5%	0	0
Private	Dartmouth College	2,778,115	2,474,634	303,481	12.3%	-1	-1
Private	Drexel University	396,638	370,450	26,188	7.1%	-10	-4
Private	Duke University	4,434,214	4,140,263	293,951	7.1%	1	1
Private	Emory University	3,870,513	3,699,976	170,537	4.6%	-1	-1
Public	Florida International University	110,016	65,625	44,391	67.6%	75	15
Public	Florida State University	358,367	385,871	-27,503	-7.1%	-33	-14
Public	George Mason University	43,546	36,054	7,492	20.8%	-49	-20
Private	George Washington University	969,187	849,474	119,713	14.1%	0	1
Private	Georgetown University	931,408	716,041	215,367	30.1%	8	6
Public	Georgia Institute of Technology	1,113,042	1,124,796	-11,754	-1.1%	-4	-3
Public	Georgia State University	87,047	66,686	20,361	30.5%	-3	-10
Private	Harvard University	20,190,060	24,715,704	-4,525,644	-18.3%	0	0
Private	Icahn School of Med. at Mount Sinai	378,405	426,929	-48,523	-11.4%	-33	-15
Public	Indiana University - Bloomington	606,310	621,067	-14,758	-2.4%	-12	-10
Public	Iowa State University	470,187	379,033	91,154	24.1%	9	-1
Private	Johns Hopkins University	2,155,077	1,706,865	448,211	26.3%	-2	0
Public	Kansas State University	283,743	227,972	55,771	24.5%	4	-1
Public	Louisiana State Univ. - Baton Rouge	256,335	225,006	31,329	13.9%	-8	-7
Private	Massachusetts Inst. of Technology	8,389,554	6,807,516	1,582,039	23.2%	0	0
Private	Medical College of Wisconsin	490,895	321,118	169,778	52.9%	36	25
Public	Medical University of South Carolina	191,720	108,796	82,924	76.2%	81	26
Public	Michigan State University	1,723,601	866,810	856,791	98.8%	23	7
Public	Mississippi State University	263,568	189,789	73,780	38.9%	18	3
Public	Montana State University - Bozeman	92,879	72,592	20,288	28.0%	0	-7
Public	Naval Postgraduate School	3,190					
Public	New Jersey Institute of Technology	62,459	47,758	14,700	30.8%	1	-6
Public	New Mexico State Univ. - Las Cruces	93,882	115,566	-21,685	-18.8%	-81	-34
Private	New York University	2,237,313	1,673,483	563,830	33.7%	1	2
Public	North Carolina State University	629,385	368,171	261,214	71.0%	46	15
Private	Northeastern University	436,600	444,783	-8,183	-1.8%	-20	-6
Private	Northwestern University	5,849,766	4,897,633	952,133	19.4%	-2	0
Public	Ohio State University - Columbus	2,384,064	1,403,484	980,580	69.9%	9	5
Public	Oklahoma State University - Stillwater	216,687	417,173	-200,486	-48.1%	-100	-50



# The Top American Research Universities

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2017 Annual Giving x \$1000	2008 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2017 Doctorates Awarded	2008 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
100,668	81,449	19,219	23.6%	12	9	677	376	301	80.1%	26	17
58,526	49,773	8,753	17.6%	15	6	289	205	84	41.0%	17	7
7,557	5,808	1,750	30.1%	95	17	17	94	-77	-81.9%	-232	-119
39,755	40,905	-1,151	-2.8%	-6	1	99	74	25	33.8%	17	14
88,266	52,900	35,366	66.9%	37	15	509	562	-53	-9.4%	-11	-3
55,635	60,446	-4,811	-8.0%	-9	-1	86	84	2	2.4%	-17	-1
135,634	119,065	16,568	13.9%	3	2	210	205	5	2.4%	-11	-1
132,212	69,926	62,286	89.1%	26	9	180	185	-5	-2.7%	-13	-5
86,995	64,453	22,542	35.0%	19	6	288	258	30	11.6%	-1	6
63,766	59,730	4,036	6.8%	3	3	206	296	-90	-30.4%	-37	-10
48,088	41,575	6,513	15.7%	5	1	231	145	86	59.3%	29	16
8,385						51	43	8	18.6%	6	3
33,928	28,542	5,386	18.9%	7	-1	223	206	17	8.3%	-9	-9
338,025	334,742	3,283	1.0%	-5	-5	570	598	-28	-4.7%	-3	-2
348,157	193,768	154,390	79.7%	11	4	501	479	22	4.6%	-10	-3
121,530	112,700	8,831	7.8%	0	-1	83	81	2	2.5%	-13	2
38,655	28,071	10,584	37.7%	22	14	227	121	106	87.6%	39	16
325,679	260,754	64,926	24.9%	1	-1	685	302	383	126.8%	48	16
122,470	111,141	11,328	10.2%	2	1	251	248	3	1.2%	-9	3
21,021	12,709	8,312	65.4%	74	22	199	122	77	63.1%	27	16
43,309	39,450	3,859	9.8%	0	-4	398	368	30	8.2%	2	0
37,259	15,930	21,328	133.9%	95	35	283	189	94	49.7%	22	13
53,267	39,615	13,652	34.5%	18	9	251	273	-22	-8.1%	-16	1
80,292	74,317	5,975	8.0%	0	1	124	100	24	24.0%	6	10
66,779	79,175	-12,396	-15.7%	-16	-13	508	467	41	8.8%	-8	-6
18,445	8,234	10,211	124.0%	155	58	262	200	62	31.0%	10	2
719,536	439,888	279,649	63.6%	1	1	718	666	52	7.8%	0	1
55,253	125,331	-70,078	-55.9%	-54	-15	49	27	22	81.5%	54	31
154,941	137,782	17,159	12.5%	3	3	485	414	71	17.2%	-1	-3
98,341	51,874	46,468	89.6%	46	30	374	308	66	21.4%	11	8
356,989	303,545	53,444	17.6%	2	1	553	446	107	24.0%	6	3
47,577	37,971	9,606	25.3%	12	5	191	153	38	24.8%	4	0
68,141	53,458	14,683	27.5%	19	10	315	231	84	36.4%	13	5
377,182	210,878	166,305	78.9%	11	7	622	599	23	3.8%	-2	-1
21,715	39,149	-17,433	-44.5%	-56	-24	29	22	7	31.8%	3	5
26,662	22,655	4,008	17.7%	19	0	179	168	11	6.6%	-7	-5
112,060	86,625	25,435	29.4%	9	6	552	446	106	23.8%	5	3
50,177	34,615	15,562	45.0%	26	13	176	117	59	50.4%	21	13
50,171	6,264	43,907	700.9%	321	129	66	52	14	26.9%	20	8
						19	12	7	58.3%	34	6
6,572	8,403	-1,831	-21.8%	-58	-30	59	58	1	1.7%	-6	-6
9,431	8,525	906	10.6%	29	5	103	72	31	43.1%	28	8
317,871	262,062	55,809	21.3%	-1	-3	445	461	-16	-3.5%	-10	-2
82,464	136,534	-54,070	-39.6%	-25	-17	540	328	212	64.6%	26	18
70,254	18,884	51,370	272.0%	117	58	228	209	19	9.1%	-9	1
192,980	145,393	47,587	32.7%	6	1	454	438	16	3.7%	-5	1
225,237	160,493	64,744	40.3%	5	5	818	759	59	7.8%	2	1
55,288						223	142	81	57.0%	28	17

## The Top American Research Universities

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017	2008	Net	Percent	Net	Net
		Endowment	Endowment	Change	Change	Change	Change
		Assets	Assets	in	in	in	in
		x \$1000	x \$1000	Constant	Constant	National	Control
				Dollars	Dollars	Rank	Rank
Public	Oregon Health & Science University	367,684	306,639	61,044	19.9%	-3	-1
Public	Oregon State University	307,966	289,629	18,337	6.3%	-17	-6
Public	Penn. St. Univ. - Hershey Med. Ctr.	279,408	156,718	122,690	78.3%	51	16
Public	Pennsylvania State Univ. - Univ. Park	1,187,481	771,053	416,428	54.0%	16	4
Private	Princeton University	13,346,761	11,053,781	2,292,980	20.7%	0	0
Public	Purdue University - West Lafayette	1,359,141	1,173,480	185,661	15.8%	1	-2
Private	Rensselaer Polytechnic Institute	379,588	536,366	-156,778	-29.2%	-58	-34
Private	Rice University	3,258,996	3,116,932	142,064	4.6%	-1	0
Private	Rockefeller University	1,148,657	1,364,948	-216,291	-15.9%	-12	-8
Private	Rush University	333,985	276,852	57,132	20.6%	-3	-5
Public	Rutgers University - New Brunswick	552,352	397,924	154,428	38.8%	24	2
Public	San Diego State University	146,595	77,812	68,783	88.4%	98	26
Private	Scripps Research Institute						
Private	Stanford University	13,891,961	11,638,638	2,253,323	19.4%	0	0
Public	Stony Brook University	162,562	76,537	86,025	112.4%	116	37
Public	Temple University	326,189	160,244	165,945	103.6%	71	28
Public	Texas A&M Univ. - College Station	6,113,936	4,232,245	1,881,691	44.5%	2	0
Private	Thomas Jefferson University	302,159	384,516	-82,357	-21.4%	-48	-25
Private	Tufts University	974,545	977,412	-2,867	-0.3%	-9	-4
Private	Tulane University	722,134	711,853	10,281	1.4%	-3	1
Public	U.S. Air Force Academy	68,942					
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	36,624	18,107	18,517	102.3%	69	25
Public	University at Buffalo	369,457	362,104	7,353	2.0%	-17	-8
Public	University of Alabama - Birmingham	266,550	238,850	27,700	11.6%	-15	-9
Public	University of Alabama - Huntsville	42,174	42,507	-333	-0.8%	-113	-44
Public	University of Alaska - Fairbanks	104,905	115,836	-10,931	-9.4%	-46	-23
Public	University of Arizona	472,798	350,699	122,099	34.8%	24	7
Public	Univ. of Arkansas for Med. Sciences	19,522	20,063	-540	-2.7%	-212	-82
Public	University of California - Berkeley	2,394,149	1,950,786	443,363	22.7%	0	-1
Public	University of California - Davis	620,866	440,816	180,051	40.8%	24	2
Public	University of California - Irvine	487,350	169,402	317,948	187.7%	115	40
Public	University of California - Los Angeles	2,442,001	1,568,777	873,224	55.7%	8	4
Public	University of California - Riverside	127,228	82,883	44,345	53.5%	57	11
Public	University of California - San Diego	750,601	355,328	395,274	111.2%	68	26
Public	Univ. of California - San Francisco	1,426,529	883,283	543,246	61.5%	19	4
Public	Univ. of California - Santa Barbara	180,716	129,173	51,543	39.9%	25	0
Public	University of California - Santa Cruz	107,159	78,260	28,899	36.9%	32	2
Public	University of Central Florida	87,922	77,745	10,177	13.1%	-30	-15
Private	University of Chicago	4,217,045	4,484,105	-267,060	-6.0%	-5	-4
Public	University of Cincinnati - Cincinnati	718,977	743,120	-24,142	-3.3%	-10	-6
Public	University of Colorado - Boulder	334,286	275,309	58,978	21.4%	0	4
Public	U. of Colorado - Denv./Anschutz Med.	276,406	200,756	75,650	37.7%	17	4
Public	Univ. of Connecticut - Health Center	59,376	58,784	592	1.0%	-75	-26
Public	University of Connecticut - Storrs	177,096	163,067	14,029	8.6%	-19	-14
Private	University of Dayton	293,806	264,423	29,383	11.1%	-12	-9
Public	University of Delaware	764,554	906,072	-141,518	-15.6%	-15	-7
Public	University of Florida	903,528	845,533	57,995	6.9%	-3	-2
Public	University of Georgia	645,642	471,347	174,296	37.0%	15	2

# The Top American Research Universities

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2017 Annual Giving x \$1000	2008 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2017 Doctorates Awarded	2008 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
98,466	52,382	46,084	88.0%	43	27	49	52	-3	-5.8%	-22	-12
51,989	58,869	-6,880	-11.7%	-16	-11	276	173	103	59.5%	26	14
19,495	14,729	4,766	32.4%	42	7	21	26	-5	-19.2%	-50	-18
83,438	96,168	-12,730	-13.2%	-11	-9	695	620	75	12.1%	1	0
170,052	152,709	17,343	11.4%	1	-1	358	307	51	16.6%	10	3
85,554	117,643	-32,090	-27.3%	-17	-12	746	600	146	24.3%	6	4
26,103	28,903	-2,800	-9.7%	-15	-3	122	158	-36	-22.8%	-39	-10
55,018	58,322	-3,305	-5.7%	-9	-1	215	186	29	15.6%	1	1
10,289	54,884	-44,595	-81.3%	-196	-102	23	26	-3	-11.5%	-40	-27
3,573	10,220	-6,647	-65.0%	-266	-165	13	50	-37	-74.0%	-189	-111
63,648	56,838	6,810	12.0%	5	1	636	431	205	47.6%	16	8
47,898	43,048	4,850	11.3%	-1	-4	90	64	26	40.6%	30	12
632,989	530,768	102,222	19.3%	-1	-1	752	673	79	11.7%	2	1
29,832	15,547	14,285	91.9%	81	25	317	408	-91	-22.3%	-25	-20
37,744	35,657	2,087	5.9%	2	0	274	409	-135	-33.0%	-41	-33
162,802	139,767	23,035	16.5%	3	3	761	594	167	28.1%	12	7
29,223	25,734	3,489	13.6%	8	13	30	46	-16	-34.8%	-81	-48
57,871	139,097	-81,226	-58.4%	-53	-15	139	113	26	23.0%	9	7
48,222	54,598	-6,376	-11.7%	-17	-4	146	134	12	9.0%	-1	2
7,871											
6,395	7,526	-1,132	-15.0%	-33	-18	167	151	16	10.6%	-5	-6
20,693	23,098	-2,405	-10.4%	-20	-18	343	373	-30	-8.0%	-10	-9
45,541	55,381	-9,841	-17.8%	-27	-19	126	197	-71	-36.0%	-49	-35
1,616	2,537	-920	-36.3%	-81	-57	41	37	4	10.8%	-17	-8
13,766	7,318	6,448	88.1%	146	59	49	29	20	69.0%	44	18
123,270	104,092	19,178	18.4%	5	3	442	452	-10	-2.2%	-10	-8
11,747	9,373	2,374	25.3%	46	16	41	23	18	78.3%	47	14
226,772	192,923	33,848	17.6%	1	3	818	873	-55	-6.3%	-3	-4
91,411	67,578	23,833	35.3%	16	9	517	500	17	3.4%	-8	-6
54,400	62,391	-7,991	-12.8%	-21	-15	403	370	33	8.9%	2	0
308,799	308,744	55	0.0%	-7	-1	770	752	18	2.4%	2	2
14,341	14,458	-117	-0.8%	1	-4	268	224	44	19.6%	1	-4
134,563	82,379	52,183	63.3%	20	12	531	488	43	8.8%	-6	-4
236,627	247,499	-10,871	-4.4%	-5	-1	138	171	-33	-19.3%	-27	-21
81,734	60,992	20,742	34.0%	15	9	321	346	-25	-7.2%	-11	-9
21,474	18,426	3,048	16.5%	10	-2	167	131	36	27.5%	9	5
18,521	16,197	2,323	14.3%	18	-3	279	206	73	35.4%	10	3
270,985	173,689	97,296	56.0%	9	1	395	395	0	0.0%	-6	0
59,565	108,048	-48,482	-44.9%	-37	-29	233	326	-93	-28.5%	-36	-27
75,178	67,821	7,357	10.9%	1	-1	408	323	85	26.3%	14	10
100,139	31,143	68,996	221.5%	86	55	132	89	43	48.3%	28	11
2,661	3,080	-419	-13.6%	6	-9	33					
29,403	28,183	1,219	4.3%	-1	-7	328	285	43	15.1%	7	3
21,209	12,957	8,252	63.7%	72	50	39	20	19	95.0%	57	41
24,102	19,422	4,680	24.1%	20	3	254	208	46	22.1%	1	-5
149,850	139,841	10,009	7.2%	-2	-1	728	857	-129	-15.1%	-8	-7
91,667	52,148	39,519	75.8%	43	27	543	391	152	38.9%	15	10

## The Top American Research Universities

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Endowment Assets x \$1000	2008 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 Hawaii - Manoa	172,509	156,396	16,113	10.3%	-13	-10
Public	University of Houston - Univ. Park	254,057	403,581	-149,524	-37.1%	-81	-42
Public	University of Idaho	148,581	119,092	29,490	24.8%	22	2
Public	University of Illinois - Chicago	180,234	127,160	53,074	41.7%	28	1
Public	Univ. of Illinois - Urbana-Champaign	930,059	705,775	224,284	31.8%	9	2
Public	University of Iowa	777,414	632,460	144,954	22.9%	9	2
Public	University of Kansas - Lawrence	699,877	647,220	52,657	8.1%	-1	-5
Public	University of Kentucky	720,306	614,341	105,965	17.3%	6	0
Public	University of Louisville	403,000	529,620	-126,619	-23.9%	-49	-22
Public	University of Maryland - Baltimore	162,354	133,221	29,132	21.9%	1	-8
Public	Univ. of Maryland - Baltimore County	49,062	43,185	5,876	13.6%	-49	-21
Public	University of Maryland - College Park	290,792	303,488	-12,697	-4.2%	-29	-13
Public	Univ. of Massachusetts - Amherst	181,467	120,741	60,726	50.3%	44	11
Public	Univ. of Mass. Med. Sch. - Worcester	114,744	77,875	36,869	47.3%	49	9
Private	University of Miami	531,679	497,771	33,907	6.8%	-13	-2
Public	University of Michigan - Ann Arbor	6,129,636	5,119,364	1,010,272	19.7%	-2	-1
Public	University of Minnesota - Twin Cities	1,958,186	1,849,083	109,102	5.9%	-4	-3
Public	University of Missouri - Columbia	543,776	356,388	187,388	52.6%	36	9
Public	University of Nebraska - Lincoln	536,981	536,732	249	0.1%	-17	-13
Public	University of Nebraska Medical Ctr.	142,899	123,862	19,037	15.4%	-2	-10
Public	University of Nevada - Reno	187,160	160,370	26,790	16.7%	-4	-6
Public	Univ. of New Hampshire - Durham	203,575	160,465	43,110	26.9%	8	-4
Public	Univ. of New Mexico - Albuquerque	237,370	231,664	5,705	2.5%	-20	-15
Public	Univ. of North Carolina - Chapel Hill	1,696,761	1,590,992	105,768	6.7%	-5	-5
Public	University of North Dakota	150,424	7,154	143,270	2002.5%	648	246
Private	University of Notre Dame	5,242,007	4,209,188	1,032,819	24.5%	0	0
Public	University of Oklahoma - HSC	303,458	205,865	97,593	47.4%	32	11
Public	University of Oklahoma - Norman	619,228	506,471	112,757	22.3%	2	-3
Public	University of Oregon	464,351	318,115	146,236	46.0%	27	8
Private	University of Pennsylvania	6,845,500	4,199,678	2,645,822	63.0%	7	4
Public	University of Pittsburgh - Pittsburgh	2,211,558	1,577,748	633,809	40.2%	2	0
Public	University of Rhode Island	81,588	59,516	22,072	37.1%	6	-8
Private	University of Rochester	1,189,039	1,170,175	18,864	1.6%	-4	-2
Public	Univ. of South Carolina - Columbia	432,023	287,444	144,579	50.3%	26	12
Public	University of South Florida - Tampa	247,760	243,420	4,340	1.8%	-27	-15
Private	University of Southern California	2,874,501	2,426,675	447,826	18.5%	1	1
Public	University of Tennessee - Knoxville	369,644	465,676	-96,032	-20.6%	-52	-22
Public	University of Texas - Austin	6,651,926	4,661,735	1,990,191	42.7%	2	1
Public	University of Texas - El Paso	135,454	102,227	33,227	32.5%	38	4
Public	University of Texas HSC - Houston	216,253	123,131	93,123	75.6%	70	19
Public	Univ. of Texas HSC - San Antonio	308,807	276,732	32,075	11.6%	-9	-1
Public	U. of Texas MD Anderson Cancer Ctr.	738,527	426,141	312,386	73.3%	43	10
Public	U. of Texas Med. Branch - Galveston	302,584	320,484	-17,900	-5.6%	-26	-13
Public	Univ. of Texas SW Med. Ctr. - Dallas	1,020,093	925,419	94,675	10.2%	-4	-4
Public	University of Utah	632,068	401,972	230,096	57.2%	35	8
Public	University of Vermont	292,506	222,962	69,545	31.2%	14	5
Public	University of Virginia	3,583,591	3,060,171	523,420	17.1%	1	0
Public	University of Washington - Seattle	1,417,645	1,461,348	-43,704	-3.0%	-5	-4
Public	University of Wisconsin - Madison	1,738,608	1,433,003	305,605	21.3%	1	1

# The Top American Research Universities

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2017 Annual Giving x \$1000	2008 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2017 Doctorates Awarded	2008 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
27,837	24,512	3,325	13.6%	11	-4	190	215	-25	-11.6%	-28	-20
61,224	41,509	19,715	47.5%	31	17	358	259	99	38.2%	18	9
12,523	13,212	-689	-5.2%	-1	-8	54	88	-34	-38.6%	-76	-47
31,723	37,723	-6,000	-15.9%	-14	-12	370	315	55	17.5%	9	6
111,482	94,719	16,763	17.7%	5	4	827	759	68	9.0%	5	4
76,897	83,681	-6,784	-8.1%	-11	-9	464	413	51	12.4%	-1	-3
76,973	65,849	11,125	16.9%	8	5	310	249	61	24.5%	8	1
67,215	39,849	27,366	68.7%	40	23	326	308	18	5.8%	-1	-1
50,905	42,692	8,213	19.2%	7	2	158	151	7	4.6%	-8	-9
35,116	38,738	-3,622	-9.4%	-11	-10	88	147	-59	-40.1%	-65	-45
6,871	9,501	-2,631	-27.7%	-82	-41	88	93	-5	-5.4%	-24	-22
64,542	83,407	-18,865	-22.6%	-22	-18	567	655	-88	-13.4%	-10	-6
35,359	20,287	15,072	74.3%	46	15	307	291	16	5.5%	-2	-6
3,594	2,579	1,016	39.4%	148	35	57	47	10	21.3%	17	7
124,266	135,393	-11,127	-8.2%	-3	-2	209	173	36	20.8%	3	3
255,662	225,442	30,220	13.4%	-2	1	820	753	67	8.9%	5	4
182,812	199,116	-16,305	-8.2%	-5	-1	702	775	-73	-9.4%	-9	-7
66,994	69,522	-2,528	-3.6%	-10	-9	500	326	174	53.4%	20	14
58,672	52,238	6,434	12.3%	10	2	299	255	44	17.3%	3	-4
59,419	43,381	16,037	37.0%	22	9	70	72	-2	-2.8%	-18	-17
31,996	31,633	363	1.2%	-3	-6	117	82	35	42.7%	28	11
13,738	11,292	2,446	21.7%	42	16	62	48	14	29.2%	24	10
50,572	39,024	11,548	29.6%	18	8	195	166	29	17.5%	1	0
182,685	197,684	-14,999	-7.6%	-5	-1	566	600	-34	-5.7%	-8	-4
17,626	4,479	13,147	293.5%	329	112	91	153	-62	-40.5%	-67	-47
253,028	179,446	73,582	41.0%	6	-1	239	185	54	29.2%	10	5
23,969	18,327	5,642	30.8%	26	5	44	51	-7	-13.7%	-33	-14
145,853	116,538	29,315	25.2%	7	4	213	173	40	23.1%	5	1
99,459	59,817	39,642	66.3%	32	23	200	151	49	32.5%	11	5
351,145	321,795	29,350	9.1%	-1	-1	589	464	125	26.9%	6	3
68,137	85,813	-17,676	-20.6%	-19	-15	416	463	-47	-10.2%	-14	-11
12,014	8,710	3,304	37.9%	73	27	100	68	32	47.1%	33	15
54,499	68,062	-13,563	-19.9%	-29	-8	249	279	-30	-10.8%	-19	-2
97,644	52,249	45,395	86.9%	42	26	317	243	74	30.5%	14	6
29,699	30,210	-512	-1.7%	-5	-8	332	256	76	29.7%	13	6
374,600	276,649	97,951	35.4%	5	3	679	708	-29	-4.1%	-6	-3
54,999	65,634	-10,635	-16.2%	-20	-15	381	355	26	7.3%	3	1
170,557	191,245	-20,688	-10.8%	-3	0	827	865	-38	-4.4%	1	0
9,860	14,329	-4,468	-31.2%	-60	-35	106	37	69	186.5%	110	58
30,024	22,775	7,249	31.8%	29	5	132	119	13	10.9%	-1	-5
36,867	81,007	-44,139	-54.5%	-66	-45	43	29	14	48.3%	24	10
83,935	71,076	12,859	18.1%	5	3						
22,460	22,833	-373	-1.6%	-4	-9	49	41	8	19.5%	4	1
68,033	98,223	-30,190	-30.7%	-26	-20	98	79	19	24.1%	9	-2
86,052	78,893	7,159	9.1%	5	4	339	397	-58	-14.6%	-17	-14
22,992	17,812	5,180	29.1%	26	4	69	84	-15	-17.9%	-40	-28
150,442	183,078	-32,636	-17.8%	-7	-2	361	393	-32	-8.1%	-10	-9
310,456	204,703	105,752	51.7%	3	4	624	622	2	0.3%	-5	-4
144,971	277,354	-132,384	-47.7%	-23	-13	876	761	115	15.1%	5	4

Change: Private Support & Doctorates		Endowment Assets in Constant 1998 Dollars					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2017 Endowment Assets x \$1000	2008 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 Wyoming	280,418	201,834	78,583	38.9%	19	5
Public	Utah State University	201,200	98,439	102,760	104.4%	107	33
Private	Vanderbilt University	2,318,489	2,338,927	-20,438	-0.9%	-3	0
Public	Virginia Commonwealth University	1,033,002	223,439	809,563	362.3%	138	54
Public	Virginia Polytechnic Inst. and St. U.	558,150	356,730	201,420	56.5%	39	11
Private	Wake Forest University	675,584	776,364	-100,780	-13.0%	-19	-10
Public	Washington State Univ. - Pullman	545,943	458,770	87,174	19.0%	1	-6
Private	Washington University in St. Louis	4,405,964	3,617,453	788,511	21.8%	2	2
Public	Wayne State University	205,649	163,229	42,420	26.0%	8	-4
Private	Weill Cornell Medical College	818,147	655,403	162,745	24.8%	9	8
Public	West Virginia University	317,482	292,546	24,935	8.5%	-15	-4
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	15,232,204	15,462,204	-230,000	-1.5%	0	0
Private	Yeshiva University	361,281	909,152	-547,871	-60.3%	-104	-63

Annual Giving in Constant 1998 Dollars						Doctorates Awarded					
2017 Annual Giving x \$1000	2008 Annual Giving x \$1000	Net Change in Constant Dollars	Percent Change in Constant Dollars	Net Change in National Rank	Net Change in Control Rank	2017 Doctorates Awarded	2008 Doctorates Awarded	Net Change in Doctorates	Percent Change in Doctorates	Net Change in National Rank	Net Change in Control Rank
20,811	26,292	-5,480	-20.8%	-34	-22	106	74	32	43.2%	28	10
21,720	18,556	3,164	17.1%	13	-2	95	97	-2	-2.1%	-21	-20
108,502	90,179	18,323	20.3%	6	2	337	297	40	13.5%	7	4
32,100	67,394	-35,294	-52.4%	-63	-43	306	252	54	21.4%	5	-2
68,405	60,716	7,688	12.7%	8	6	516	341	175	51.3%	22	14
58,944	48,987	9,958	20.3%	18	10	64	56	8	14.3%	9	8
46,272	50,066	-3,794	-7.6%	-13	-11	315	189	126	66.7%	31	20
157,776	103,825	53,951	52.0%	16	6	288	344	-56	-16.3%	-20	-2
43,463	36,695	6,768	18.4%	7	2	268	221	47	21.3%	2	-3
68,576	83,043	-14,467	-17.4%	-12	-3	54	40	14	35.0%	23	12
56,329	41,961	14,368	34.2%	22	10	239	204	35	17.2%	2	-2
333,994	328,997	4,997	1.5%	-5	-5	375	375	0	0.0%	-4	0
23,173	92,868	-69,696	-75.1%	-115	-45	102	113	-11	-9.7%	-26	-5



## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Median SAT	2007 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Arizona State University	1220	1095	125	11.4%	236	58
Public	Auburn University	1290	1130	160	14.2%	197	54
Public	Augusta University	1040		1040			
Private	Baylor College of Medicine						
Private	Boston University	1320	1275	45	3.5%	-1	5
Private	Brandeis University	1375	1360	15	1.1%	-22	-16
Private	Brown University	1470	1430	40	2.8%	-6	-6
Private	California Institute of Technology	1555	1525	30	2.0%	0	0
Private	Carnegie Mellon University	1465	1390	75	5.4%	4	4
Private	Case Western Reserve University	1470	1305	165	12.6%	50	44
Public	Clemson University	1340	1215	125	10.3%	71	18
Public	Cleveland State University	1110	950	160	16.8%	569	197
Private	Cold Spring Harbor Laboratory						
Public	Colorado State Univ. - Fort Collins	1240	1110	130	11.7%	203	47
Private	Columbia University	1500	1435	65	4.5%	5	5
Private	Cornell University	1430	1395	35	2.5%	-9	-9
Private	Dartmouth College	1455	1450	5	0.3%	-17	-17
Private	Drexel University	1190	1195	-5	-0.4%	-101	-53
Private	Duke University	1475	1435	40	2.8%	-6	-6
Private	Emory University	1395	1385	10	0.7%	-22	-16
Public	Florida International University	1120	1100	20	1.8%	-139	-96
Public	Florida State University	1290	1180	110	9.3%	91	23
Public	George Mason University	1155	1120	35	3.1%	-92	-66
Private	George Washington University	1288	1285	3	0.2%	-47	-26
Private	Georgetown University	1420	1395	25	1.8%	-13	-12
Public	Georgia Institute of Technology	1410	1330	80	6.0%	11	-2
Public	Georgia State University	1070	1085	-15	-1.4%	-221	-129
Private	Harvard University	1515	1495	20	1.3%	-3	-3
Private	Icahn School of Med. at Mount Sinai						
Public	Indiana University - Bloomington	1175	1145	30	2.6%	-95	-52
Public	Iowa State University	1220	1130	90	8.0%	106	18
Private	Johns Hopkins University	1485	1385	100	7.2%	18	18
Public	Kansas State University		1050				
Public	Louisiana State Univ. - Baton Rouge	1240	1170	70	6.0%	42	5
Private	Massachusetts Inst. of Technology	1525	1470	55	3.7%	5	5
Private	Medical College of Wisconsin						
Public	Medical University of South Carolina						
Public	Michigan State University	1275	1150	125	10.9%	142	34
Public	Mississippi State University	1200	1090	110	10.1%	220	53
Public	Montana State University - Bozeman	1200	1110	90	8.1%	144	24
Public	Naval Postgraduate School						
Public	New Jersey Institute of Technology	1210	1130	80	7.1%	82	10
Public	New Mexico State Univ. - Las Cruces	1070	950	120	12.6%	436	142
Private	New York University	1365	1335	30	2.3%	-13	-8
Public	North Carolina State University	1340	1180	160	13.6%	126	37
Private	Northeastern University	1485	1255	230	18.3%	97	82
Private	Northwestern University	1500	1410	90	6.4%	13	13
Public	Ohio State University - Columbus	1360	1220	140	11.5%	76	20
Public	Oklahoma State University - Stillwater	1180	1130	50	4.4%	-36	-30



# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2017 National Merit Scholars	2008 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2016 Total Student Headcount	Fall 2007 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
126	170	-44	-25.9%	-5	-5	97,849	51,481	46,368	90.1%
59	35	24	68.6%	32	16	28,290	24,137	4,153	17.2%
3	0	3		191	66	7,938			
						1,569	1,398	171	12.2%
42	31	11	35.5%	22	12	32,695	32,053	642	2.0%
17	20	-3	-15.0%	6	9	5,729	5,333	396	7.4%
87	107	-20	-18.7%	-3	2	9,781	8,167	1,614	19.8%
28	47	-19	-40.4%	-19	-3	2,240	2,133	107	5.0%
36	33	3	9.1%	16	7	13,258	10,326	2,932	28.4%
64	36	28	77.8%	31	16	11,664	9,844	1,820	18.5%
51	36	15	41.7%	22	9	23,406	17,585	5,821	33.1%
0	0	0		62	17	16,864	15,038	1,826	12.1%
8	7	1	14.3%	36	7	31,856	27,569	4,287	15.6%
68	98	-30	-30.6%	-5	0	29,372	22,655	6,717	29.7%
76	74	2	2.7%	5	6	22,319	19,800	2,519	12.7%
41	84	-43	-51.2%	-23	-9	6,409	5,849	560	9.6%
3	3	0	0.0%	31	26	24,232	20,682	3,550	17.2%
98	131	-33	-25.2%	-4	0	15,735	13,598	2,137	15.7%
47	72	-25	-34.7%	-9	1	14,067	12,570	1,497	11.9%
1	0	1		149	45	55,003	38,182	16,821	44.1%
25	11	14	127.3%	53	19	41,173	40,555	618	1.5%
0	3	-3	-100.0%	-98	-44	34,909	30,276	4,633	15.3%
21	12	9	75.0%	43	29	27,159	25,078	2,081	8.3%
35	55	-20	-36.4%	-11	-5	18,525	14,826	3,699	25.0%
65	121	-56	-46.3%	-9	-7	26,839	18,742	8,097	43.2%
0	1	-1	-100.0%	-46	-24	32,237	27,134	5,103	18.8%
219	343	-124	-36.2%	-3	-2	29,908	25,690	4,218	16.4%
						1,203	878	325	37.0%
57	61	-4	-6.6%	7	0	49,695	38,990	10,705	27.5%
29	55	-26	-47.3%	-23	-16	36,350	26,160	10,190	39.0%
45	36	9	25.0%	15	8	23,917	19,682	4,235	21.5%
7	11	-4	-36.4%	-12	-10	23,779	23,332	447	1.9%
24	37	-13	-35.1%	-15	-11	31,409	28,628	2,781	9.7%
156	145	11	7.6%	6	4	11,376	10,220	1,156	11.3%
						1,297	1,235	62	5.0%
						2,986	2,537	449	17.7%
54	58	-4	-6.9%	5	-1	50,340	46,045	4,295	9.3%
35	24	11	45.8%	31	15	21,622	17,039	4,583	26.9%
12	14	-2	-14.3%	5	-5	16,359	11,932	4,427	37.1%
						2,682	2,569	113	4.4%
1	0	1		149	45	11,317	8,288	3,029	36.6%
0	3	-3	-100.0%	-98	-44	14,852	16,722	-1,870	-11.2%
12	131	-119	-90.8%	-93	-41	50,550	41,783	8,767	21.0%
11	4	7	175.0%	92	24	33,755	31,802	1,953	6.1%
153	0	153		374	222	20,381	24,434	-4,053	-16.6%
200	240	-40	-16.7%	-1	0	21,823	19,005	2,818	14.8%
30	127	-97	-76.4%	-45	-27	59,482	52,568	6,914	13.2%
11	20	-9	-45.0%	-16	-14	25,622	23,213	2,409	10.4%

## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Median SAT	2007 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	Oregon Health & Science University						
Public	Oregon State University	1115	1075	40	3.7%	-65	-65
Public	Penn. St. Univ. - Hershey Med. Ctr.						
Public	Pennsylvania State Univ. - Univ. Park	1195	1180	15	1.3%	-69	-33
Private	Princeton University	1495	1485	10	0.7%	-7	-7
Public	Purdue University - West Lafayette	1195	1145	50	4.4%	18	-8
Private	Rensselaer Polytechnic Institute	1380	1335	45	3.4%	-5	0
Private	Rice University	1490	1410	80	5.7%	8	8
Private	Rockefeller University						
Private	Rush University						
Public	Rutgers University - New Brunswick	1230	1185	45	3.8%	5	-13
Public	San Diego State University	1110	1050	60	5.7%	27	-35
Private	Scripps Research Institute						
Private	Stanford University	1480	1445	35	2.4%	-6	-6
Public	Stony Brook University	1260	1180	80	6.8%	54	10
Public	Temple University		1080				
Public	Texas A&M Univ. - College Station	1190	1190	0	0.0%	-97	-48
Private	Thomas Jefferson University						
Private	Tufts University	1485	1415	70	5.0%	5	5
Private	Tulane University	1415	1280	135	10.6%	46	38
Public	U.S. Air Force Academy	1400	1270	130	10.2%	48	6
Public	Uniformed Services Univ. of the HS						
Public	University at Albany	1080	1095	-15	-1.4%	-256	-144
Public	University at Buffalo	1170	1150	20	1.7%	-118	-61
Public	University of Alabama - Birmingham	1200	1110	90	8.1%	144	24
Public	University of Alabama - Huntsville	1320	1130	190	16.8%	220	63
Public	University of Alaska - Fairbanks	1125	1005	120	11.9%	386	119
Public	University of Arizona		1095				
Public	Univ. of Arkansas for Med. Sciences						
Public	University of California - Berkeley	1405	1325	80	6.0%	13	-2
Public	University of California - Davis	1190	1155	35	3.0%	-16	-20
Public	University of California - Irvine	1195	1185	10	0.8%	-73	-36
Public	University of California - Los Angeles	1315	1290	25	1.9%	-25	-10
Public	University of California - Riverside	1065	1040	25	2.4%	-71	-84
Public	University of California - San Diego	1310	1250	60	4.8%	11	-4
Public	Univ. of California - San Francisco						
Public	Univ. of California - Santa Barbara	1255	1170	85	7.3%	48	8
Public	University of California - Santa Cruz	1175	1140	35	3.1%	-90	-50
Public	University of Central Florida	1175	1165	10	0.9%	-139	-63
Private	University of Chicago	1525	1425	100	7.0%	15	15
Public	University of Cincinnati - Cincinnati	1240	1110	130	11.7%	203	47
Public	University of Colorado - Boulder	1305	1170	135	11.5%	112	31
Public	U. of Colorado - Denv./Anschutz Med.	1075	1030	45	4.4%	12	-48
Public	Univ. of Connecticut - Health Center						
Public	University of Connecticut - Storrs	1230	1190	40	3.4%	-14	-21
Private	University of Dayton	1275	1170	105	9.0%	87	67
Public	University of Delaware	1170	1170	0	0.0%	-173	-75
Public	University of Florida	1275	1250	25	2.0%	-18	-16
Public	University of Georgia	1240	1225	15	1.2%	-41	-24

# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2017 National Merit Scholars	2008 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2016 Total Student Headcount	Fall 2007 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
						2,899	2,455	444	18.1%
13	6	7	116.7%	76	21	30,354	19,738	10,616	53.8%
						896	815	81	9.9%
18	18	0	0.0%	14	2	47,789	43,252	4,537	10.5%
123	204	-81	-39.7%	-11	-3	8,181	7,261	920	12.7%
141	68	73	107.4%	22	8	41,513	40,534	979	2.4%
21	20	1	5.0%	18	15	7,363	6,566	797	12.1%
57	177	-120	-67.8%	-24	-10	6,855	5,161	1,694	32.8%
						216	198	18	9.1%
						2,503	1,596	907	56.8%
45	19	26	136.8%	55	24	50,146	34,804	15,342	44.1%
0	0	0		62	17	34,688	35,695	-1,007	-2.8%
168	192	-24	-12.5%	1	2	17,184	19,782	-2,598	-13.1%
19	6	13	216.7%	94	33	25,734	23,347	2,387	10.2%
4	4	0	0.0%	28	2	39,296	34,696	4,600	13.3%
148	165	-17	-10.3%	0	0	65,632	46,542	19,090	41.0%
						3,887	2,924	963	32.9%
36	70	-34	-48.6%	-19	-6	11,489	9,758	1,731	17.7%
32	62	-30	-48.4%	-23	-7	12,581	10,125	2,456	24.3%
0	0	0		62	17	4,237	4,461	-224	-5.0%
0	0	0		62	17	17,373	17,684	-311	-1.8%
2	4	-2	-50.0%	-7	-15	30,184	28,054	2,130	7.6%
30	5	25	500.0%	133	48	19,535	16,246	3,289	20.2%
5	1	4	400.0%	112	39	8,468	7,264	1,204	16.6%
0	0	0		62	17	8,283	8,618	-335	-3.9%
30	62	-32	-51.6%	-26	-18	43,161	37,217	5,944	16.0%
						2,869	2,538	331	13.0%
136	87	49	56.3%	11	3	40,154	34,940	5,214	14.9%
5	5	0	0.0%	32	5	36,460	29,796	6,664	22.4%
1	2	-1	-50.0%	4	-10	32,754	26,483	6,271	23.7%
57	41	16	39.0%	22	10	43,548	37,476	6,072	16.2%
0	1	-1	-100.0%	-46	-24	22,715	17,187	5,528	32.2%
16	8	8	100.0%	56	15	34,979	27,020	7,959	29.5%
						3,145	2,999	146	4.9%
6	0	6		235	83	24,346	21,410	2,936	13.7%
0	0	0		62	17	18,783	15,825	2,958	18.7%
89	62	27	43.6%	15	3	64,088	48,398	15,690	32.4%
259	225	34	15.1%	5	5	15,775	14,538	1,237	8.5%
64	38	26	68.4%	28	13	36,596	29,319	7,277	24.8%
3	4	-1	-25.0%	12	-6	33,977	31,796	2,181	6.9%
1	0	1		149	45	23,960	21,658	2,302	10.6%
							487		
5	4	1	25.0%	41	8	27,721	23,692	4,029	17.0%
4	9	-5	-55.6%	-28	-13	10,803	10,395	408	3.9%
2	11	-9	-81.8%	-87	-41	23,009	20,342	2,667	13.1%
202	183	19	10.4%	4	0	52,367	51,725	642	1.2%
45	64	-19	-29.7%	-10	-9	36,574	33,831	2,743	8.1%

## The Top American Research Universities

Change: Students		SAT Scores					
Institutions with Over \$40 Million in Federal Research, Alphabetically		2016 Median SAT	2007 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Public	University of Hawaii - Manoa	1080	1090	-10	-0.9%	-242	-139
Public	University of Houston - Univ. Park	1145	1055	90	8.5%	130	9
Public	University of Idaho	1050	1050	0	0.0%	-184	-123
Public	University of Illinois - Chicago	1180	1090	90	8.3%	108	15
Public	Univ. of Illinois - Urbana-Champaign	1360	1280	80	6.3%	20	3
Public	University of Iowa	1240	1150	90	7.8%	97	19
Public	University of Kansas - Lawrence	1260	1130	130	11.5%	160	41
Public	University of Kentucky	1240	1090	150	13.8%	279	76
Public	University of Louisville	1240	1110	130	11.7%	203	47
Public	University of Maryland - Baltimore						
Public	Univ. of Maryland - Baltimore County	1220	1190	30	2.5%	-23	-24
Public	University of Maryland - College Park	1315	1275	40	3.1%	-9	-8
Public	Univ. of Massachusetts - Amherst	1230	1135	95	8.4%	107	20
Public	Univ. of Mass. Med. Sch. - Worcester						
Private	University of Miami	1400	1275	125	9.8%	45	40
Public	University of Michigan - Ann Arbor	1430	1300	130	10.0%	37	6
Public	University of Minnesota - Twin Cities	1340	1205	135	11.2%	84	22
Public	University of Missouri - Columbia	1260	1170	90	7.7%	67	15
Public	University of Nebraska - Lincoln	1220	1150	70	6.1%	68	6
Public	University of Nebraska Medical Ctr.						
Public	University of Nevada - Reno	1160	1045	115	11.0%	285	74
Public	Univ. of New Hampshire - Durham	1095	1115	-20	-1.8%	-317	-165
Public	Univ. of New Mexico - Albuquerque	1110	1030	80	7.8%	138	5
Public	Univ. of North Carolina - Chapel Hill	1415	1295	120	9.3%	33	6
Public	University of North Dakota	1160	1050	110	10.5%	204	47
Private	University of Notre Dame	1520	1405	115	8.2%	19	19
Public	University of Oklahoma - HSC						
Public	University of Oklahoma - Norman	1260	1170	90	7.7%	67	15
Public	University of Oregon	1100	1105	-5	-0.5%	-256	-146
Private	University of Pennsylvania	1475	1425	50	3.5%	-2	-2
Public	University of Pittsburgh - Pittsburgh	1285	1225	60	4.9%	8	-6
Public	University of Rhode Island	1070	1060	10	0.9%	-133	-103
Private	University of Rochester		1325				
Public	Univ. of South Carolina - Columbia	1305	1160	145	12.5%	150	41
Public	University of South Florida - Tampa	1160	1130	30	2.7%	-91	-53
Private	University of Southern California	1390	1365	25	1.8%	-16	-10
Public	University of Tennessee - Knoxville	1290	1190	100	8.4%	68	12
Public	University of Texas - Austin	1275	1220	55	4.5%	9	-7
Public	University of Texas - El Paso	925	900	25	2.8%	111	6
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	1180	1110	70	6.3%	32	-14
Public	University of Vermont	1200	1175	25	2.1%	-21	-19
Public	University of Virginia	1350	1310	40	3.1%	-10	-5
Public	University of Washington - Seattle	1245	1200	45	3.8%	2	-11
Public	University of Wisconsin - Madison	1360	1260	100	7.9%	35	6

# The Top American Research Universities

National Merit and Achievement Scholars						Headcount Enrollment			
2017 National Merit Scholars	2008 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2016 Total Student Headcount	Fall 2007 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
0	0	0		62	17	18,056	20,051	-1,995	-10.0%
14	6	8	133.3%	78	22	43,774	34,663	9,111	26.3%
22	26	-4	-15.4%	6	-4	11,780	11,636	144	1.2%
4	2	2	100.0%	62	19	29,120	25,747	3,373	13.1%
31	94	-63	-67.0%	-39	-23	46,951	42,326	4,625	10.9%
31	27	4	14.8%	15	5	32,011	29,117	2,894	9.9%
35	46	-11	-23.9%	-4	-4	27,565	28,569	-1,004	-3.5%
103	36	67	186.1%	42	21	29,781	25,856	3,925	15.2%
22	17	5	29.4%	33	9	21,578	20,592	986	4.8%
						6,482	5,884	598	10.2%
4	8	-4	-50.0%	-26	-15	13,640	12,041	1,599	13.3%
66	44	22	50.0%	26	12	39,083	36,014	3,069	8.5%
0	4	-4	-100.0%	-117	-55	30,037	25,873	4,164	16.1%
						1,108	1,013	95	9.4%
22	30	-8	-26.7%	-3	3	16,744	15,449	1,295	8.4%
90	73	17	23.3%	10	2	44,718	41,042	3,676	9.0%
159	82	77	93.9%	20	8	51,579	50,883	696	1.4%
17	34	-17	-50.0%	-25	-15	33,239	28,405	4,834	17.0%
35	60	-25	-41.7%	-13	-8	25,897	22,973	2,924	12.7%
						3,862	3,128	734	23.5%
19	0	19		298	112	21,353	16,681	4,672	28.0%
0	1	-1	-100.0%	-46	-24	15,188	15,005	183	1.2%
9	4	5	125.0%	80	20	26,999	25,672	1,327	5.2%
29	161	-132	-82.0%	-54	-31	29,468	28,136	1,332	4.7%
7	3	4	133.3%	87	27	14,648	12,559	2,089	16.6%
48	54	-6	-11.1%	5	7	12,393	11,733	660	5.6%
						3,322	3,754	-432	-11.5%
317	181	136	75.1%	10	2	27,918	26,068	1,850	7.1%
4	11	-7	-63.6%	-52	-24	23,546	20,332	3,214	15.8%
112	129	-17	-13.2%	0	3	24,960	23,980	980	4.1%
12	26	-14	-53.9%	-28	-21	28,664	27,020	1,644	6.1%
0	0	0		62	17	17,822	15,650	2,172	13.9%
27	27	0	0.0%	7	9	11,209	9,334	1,875	20.1%
55	52	3	5.8%	11	2	34,099	27,272	6,827	25.0%
15	23	-8	-34.8%	-8	-11	42,861	44,870	-2,009	-4.5%
257	270	-13	-4.8%	0	0	43,871	33,408	10,463	31.3%
20	22	-2	-9.1%	7	0	28,052	29,937	-1,885	-6.3%
90	295	-205	-69.5%	-21	-10	51,331	50,170	1,161	2.3%
0	0	0		62	17	23,922	20,154	3,768	18.7%
						5,051	3,774	1,277	33.8%
						3,250	2,868	382	13.3%
						360	139	221	159.0%
						3,277	2,422	855	35.3%
						2,316	2,253	63	2.8%
33	15	18	120.0%	52	21	31,860	28,025	3,835	13.7%
1	10	-9	-90.0%	-100	-46	13,105	12,239	866	7.1%
41	35	6	17.1%	15	7	23,898	24,257	-359	-1.5%
15	45	-30	-66.7%	-45	-29	45,591	40,218	5,373	13.4%
19	25	-6	-24.0%	-3	-5	42,582	41,563	1,019	2.5%

Change: Students		SAT Scores					
		2016 Median SAT	2007 Median SAT	Net Change in SAT	Percent Change in SAT	Net Change in National Rank	Net Change in Control Rank
Institutions with Over \$40 Million in Federal Research, Alphabetically							
Public	University of Wyoming	1180	1090	90	8.3%	108	15
Public	Utah State University	1160	1090	70	6.4%	53	-8
Private	Vanderbilt University	1520	1390	130	9.4%	24	24
Public	Virginia Commonwealth University	1090	1060	30	2.8%	-106	-93
Public	Virginia Polytechnic Inst. and St. U.	1210	1200	10	0.8%	-54	-34
Private	Wake Forest University		1325				
Public	Washington State Univ. - Pullman	1048	1105	-57	-5.2%	-435	-216
Private	Washington University in St. Louis	1500	1450	50	3.5%	1	1
Public	Wayne State University	1160	970	190	19.6%	649	227
Private	Weill Cornell Medical College						
Public	West Virginia University	1160	1040	120	11.5%	293	79
Private	Woods Hole Oceanographic Inst.						
Private	Yale University	1510	1485	25	1.7%	-2	-2
Private	Yeshiva University	1225	1230	-5	-0.4%	-74	-35

National Merit and Achievement Scholars						Headcount Enrollment			
2017 National Merit Scholars	2008 National Merit Scholars	Net Change in Merit Scholars	Percent Change in Merit Scholars	Net Change in National Rank	Net Change in Control Rank	Fall 2016 Total Student Headcount	Fall 2007 Total Student Headcount	Net Change in Enrollment	Percent Change in Enrollment
3	2	1	50.0%	46	11	12,366	12,875	-509	-4.0%
4	1	3	300.0%	99	33	28,118	14,893	13,225	88.8%
219	155	64	41.3%	12	7	12,587	11,847	740	6.3%
5	3	2	66.7%	60	19	30,872	31,700	-828	-2.6%
5	21	-16	-76.2%	-70	-32	33,170	29,898	3,272	10.9%
2	10	-8	-80.0%	-77	-43	7,968	6,788	1,180	17.4%
11	7	4	57.1%	52	13	30,142	24,396	5,746	23.6%
38	253	-215	-85.0%	-49	-24	15,047	13,382	1,665	12.4%
6	2	4	200.0%	90	28	27,238	32,380	-5,142	-15.9%
						1,070	913	157	17.2%
17	21	-4	-19.1%	3	-5	28,488	28,113	375	1.3%
156	268	-112	-41.8%	-7	-4	12,458	11,454	1,004	8.8%
0	2	-2	-100.0%	-83	-45	6,168	6,358	-190	-3.0%

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	
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	Brandeis University	MA	Doctor's - Research/Scholar	
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	



# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2016
	Moderate Engineering and Moderate Life Sciences	97,849
Yes	Moderate Engineering and Moderate Life Sciences	28,290
	All Life Sciences	7,938
	All Life Sciences	1,569
	Strong Life Sciences	32,695
	Moderate Social Sciences and Moderate Life Sciences	5,729
	Strong Life Sciences	9,781
	Strong Physical Sciences	2,240
	Moderate Computer Sciences and Moderate Engineering	13,258
	Heavy Life Sciences	11,664
Yes	Strong Engineering	23,406
	Heavy Life Sciences	16,864
	All Life Sciences	
Yes	Strong Life Sciences	31,856
	Strong Life Sciences	29,372
Yes	Moderate Physical Sciences and Moderate Life Sciences	22,319
	Strong Life Sciences	6,409
	Strong Life Sciences and Moderate Engineering	24,232
	Heavy Life Sciences	15,735
	Heavy Life Sciences	14,067
	Moderate Engineering and Moderate Life Sciences	55,003
	Moderate Engineering	41,173
	Mixed	34,909
	Heavy Life Sciences	27,159
	Heavy Life Sciences	18,525
	Strong Engineering	26,839
	Strong Life Sciences and Moderate Physical Sciences	32,237
	Strong Life Sciences	29,908
	All Life Sciences	1,203
	Strong Life Sciences	49,695
Yes	Moderate Engineering and Moderate Life Sciences	36,350
	Moderate Engineering and Moderate Life Sciences	23,917
Yes	Strong Life Sciences	23,779
Yes-System	Strong Life Sciences	31,409
	Moderate Engineering	11,376
	All Life Sciences	1,297
	All Life Sciences	2,986
Yes	Moderate Physical Sciences and Moderate Life Sciences	50,340
Yes	Moderate Engineering and Moderate Life Sciences	21,622
Yes	Moderate Life Sciences	16,359
	Moderate Engineering	2,682
	Strong Engineering	11,317
Yes	Moderate Engineering and Moderate Life Sciences	14,852
	Heavy Life Sciences	50,550
Yes	Moderate Engineering and Moderate Life Sciences	33,755
	Moderate Engineering	20,381
	Strong Life Sciences	21,823
Yes	Strong Life Sciences	59,482
Yes	Moderate Engineering and Moderate Life Sciences	25,622

Institutional Characteristics				
	Institutions with Over \$40 Million in Federal Research, Alphabetically	State	Highest Degree Offered	Has a Medical School
Public	Oregon Health & Science University	OR	Doctor's - Res/Sch & Prof Prac	Yes
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
Public	San Diego State University	CA	Doctor's - Res/Sch & Prof Prac	
Private	Scripps Research Institute	CA	Non-Degree Granting	
Private	Stanford University	CA	Doctor's - Res/Sch & Prof Prac	Yes
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	U.S. Air Force Academy	CO	Bachelor's	
Public	Uniformed Services University of the Health Sciences	MD	Doctor's - Res/Sch & Prof Prac	
Public	University at Albany	NY	Doctor's - Research/Scholar	
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 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	

# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2016
	Heavy Life Sciences	2,899
Yes	Moderate Environmental Sciences and Moderate Life Sciences	30,354
	All Life Sciences	896
Yes	Moderate Engineering	47,789
	Moderate Engineering and Moderate Physical Sciences	8,181
Yes	Moderate Engineering and Moderate Life Sciences	41,513
	Strong Engineering	7,363
	Moderate Engineering	6,855
	Heavy Life Sciences	216
	Heavy Life Sciences	2,503
Yes	Strong Life Sciences	50,146
	Strong Life Sciences	34,688
	All Life Sciences	
	Strong Life Sciences	17,184
	Moderate Life Sciences	25,734
	Heavy Life Sciences	39,296
Yes	Moderate Environmental Sciences and Moderate Life Sciences	65,632
	All Life Sciences	3,887
	Strong Life Sciences	11,489
	Heavy Life Sciences	12,581
	Heavy Engineering	4,237
	Heavy Life Sciences	
	Strong Life Sciences	17,373
	Strong Life Sciences and Moderate Engineering	30,184
	Heavy Life Sciences	19,535
	Moderate Computer Sciences and Moderate Engineering	8,468
Yes-System	Strong Environmental Sciences	8,283
Yes	Moderate Physical Sciences and Moderate Life Sciences	43,161
	All Life Sciences	2,869
Yes-System	Moderate Physical Sciences and Moderate Life Sciences	40,154
Yes-System	Strong Life Sciences	36,460
No-System	Strong Life Sciences	32,754
No-System	Strong Life Sciences	43,548
Yes-System	Moderate Life Sciences	22,715
No-System	Strong Life Sciences	34,979
No-System	Heavy Life Sciences	3,145
No-System	Moderate Engineering	24,346
No-System	Strong Engineering	18,783
	Moderate Engineering	64,088
	Strong Life Sciences	15,775
	Heavy Life Sciences	36,596
	Moderate Environmental Sciences	33,977
	All Life Sciences	23,960
	All Life Sciences	
Yes	Moderate Life Sciences	27,721
	All Engineering	10,803
Yes	Moderate Engineering and Moderate Life Sciences	23,009
Yes	Strong Life Sciences	52,367
Yes	Heavy Life Sciences	36,574

## 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	University of Hawaii - Manoa	HI	Doctor's - Res/Sch & Prof Prac	Yes
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 Kentucky	KY	Doctor's - Res/Sch & Prof Prac	Yes
Public	University of Louisville	KY	Doctor's - Res/Sch & Prof Prac	Yes
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 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
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

# The Top American Research Universities

Federal Land Grant Institution	Federal Research Focus	Total Student Enrollment Fall 2016
Yes	Moderate Environmental Sciences and Moderate Life Sciences	18,056
	Moderate Engineering	43,774
Yes	Strong Life Sciences	11,780
	Heavy Life Sciences	29,120
Yes	Moderate Engineering	46,951
	Heavy Life Sciences	32,011
	Strong Life Sciences	27,565
Yes	Strong Life Sciences	29,781
	Heavy Life Sciences	21,578
	All Life Sciences	6,482
	Moderate Environmental Sciences	13,640
Yes	Mixed	39,083
Yes	Moderate Life Sciences	30,037
	All Life Sciences	1,108
	Strong Life Sciences	16,744
	Strong Life Sciences and Moderate Engineering	44,718
Yes	Strong Life Sciences	51,579
Yes-System	Strong Life Sciences	33,239
Yes-System	Moderate Life Sciences	25,897
No-System	All Life Sciences	3,862
Yes	Strong Life Sciences	21,353
Yes	Strong Environmental Sciences and Moderate Life Sciences	15,188
	Strong Life Sciences	26,999
	Strong Life Sciences	29,468
	Moderate Engineering	14,648
	Moderate Engineering and Moderate Physical Sciences	12,393
	All Life Sciences	3,322
	Moderate Environmental Sciences	27,918
	Strong Life Sciences	23,546
	Heavy Life Sciences	24,960
	Heavy Life Sciences	28,664
Yes	Moderate Environmental Sciences and Moderate Life Sciences	17,822
	Strong Life Sciences and Moderate Physical Sciences	11,209
	Strong Life Sciences	34,099
	Strong Life Sciences	42,861
	Strong Life Sciences	43,871
Yes	Moderate Engineering	28,052
	Moderate Engineering	51,331
	Moderate Engineering and Moderate Life Sciences	23,922
	All Life Sciences	5,051
	All Life Sciences	3,250
	Heavy Life Sciences	360
	All Life Sciences	3,277
	All Life Sciences	2,316
	Strong Life Sciences	31,860
Yes	Heavy Life Sciences	13,105
	Strong Life Sciences	23,898
	Strong Life Sciences	45,591
Yes	Strong Life Sciences	42,582

Institutional Characteristics				
Institutions with Over \$40 Million in Federal Research, Alphabetically		State	Highest Degree Offered	Has a Medical School
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	
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 2016
Yes	Moderate Life Sciences	12,366
Yes	Strong Engineering	28,118
	Heavy Life Sciences	12,587
	Heavy Life Sciences	30,872
Yes	Moderate Engineering and Moderate Life Sciences	33,170
	All Life Sciences	7,968
Yes	Strong Life Sciences	30,142
	Heavy Life Sciences	15,047
	Heavy Life Sciences	27,238
	All Life Sciences	1,070
Yes	Strong Life Sciences	28,488
	Strong Environmental Sciences and Moderate Engineering	
	Heavy Life Sciences	12,458
	All Life Sciences	6,168

## The Top American Research Universities

Student Characteristics		Fall 2016 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	Arizona State University	97,849	79,442	81.2%	18,407	18.8%	8,185	2,739
Public	Auburn University	28,290	22,658	80.1%	5,632	19.9%	4,487	1,124
Public	Augusta University	7,938	5,133	64.7%	2,805	35.3%	800	472
Private	Baylor College of Medicine	1,569			1,569	100.0%		
Private	Boston University	32,695	17,944	54.9%	14,751	45.1%	3,551	582
Private	Brandeis University	5,729	3,608	63.0%	2,121	37.0%	841	52
Private	Brown University	9,781	6,926	70.8%	2,855	29.2%	1,679	61
Private	California Institute of Technology	2,240	979	43.7%	1,261	56.3%	235	4
Private	Carnegie Mellon University	13,258	6,283	47.4%	6,975	52.6%	1,552	79
Private	Case Western Reserve University	11,664	5,152	44.2%	6,512	55.8%	1,265	45
Public	Clemson University	23,406	18,599	79.5%	4,807	20.5%	3,681	1,379
Public	Cleveland State University	16,864	12,352	73.2%	4,512	26.8%	1,892	1,008
Private	Cold Spring Harbor Laboratory							
Public	Colorado State Univ. - Fort Collins	31,856	25,177	79.0%	6,679	21.0%	4,851	1,428
Private	Columbia University	29,372	8,124	27.7%	21,248	72.3%	1,553	533
Private	Cornell University	22,319	14,566	65.3%	7,753	34.7%	3,314	585
Private	Dartmouth College	6,409	4,310	67.2%	2,099	32.8%	1,116	18
Private	Drexel University	24,232	15,552	64.2%	8,680	35.8%	2,324	767
Private	Duke University	15,735	6,609	42.0%	9,126	58.0%	1,723	24
Private	Emory University	14,067	6,861	48.8%	7,206	51.2%	1,358	572
Public	Florida International University	55,003	45,856	83.4%	9,147	16.6%	4,159	3,388
Public	Florida State University	41,173	32,933	80.0%	8,240	20.0%	6,123	1,827
Public	George Mason University	34,909	23,817	68.2%	11,092	31.8%	3,175	1,979
Private	George Washington University	27,159	11,504	42.4%	15,655	57.6%	2,517	473
Private	Georgetown University	18,525	7,453	40.2%	11,072	59.8%	1,573	158
Public	Georgia Institute of Technology	26,839	15,489	57.7%	11,350	42.3%	2,873	551
Public	Georgia State University	32,237	25,228	78.3%	7,009	21.7%	3,836	1,429
Private	Harvard University	29,908	9,915	33.2%	19,993	66.8%	1,659	12
Private	Icahn School of Med. at Mount Sinai	1,203			1,203	100.0%		
Public	Indiana University - Bloomington	49,695	39,184	78.8%	10,511	21.2%	7,654	868
Public	Iowa State University	36,350	30,671	84.4%	5,679	15.6%	6,145	1,745
Private	Johns Hopkins University	23,917	6,042	25.3%	17,875	74.7%	1,368	104
Public	Kansas State University	23,779	19,472	81.9%	4,307	18.1%	3,531	1,165
Public	Louisiana State Univ. - Baton Rouge	31,409	26,118	83.2%	5,291	16.8%	5,470	741
Private	Massachusetts Inst. of Technology	11,376	4,524	39.8%	6,852	60.2%	1,110	20
Private	Medical College of Wisconsin	1,297			1,297	100.0%		
Public	Medical University of South Carolina	2,986	306	10.2%	2,680	89.8%		128
Public	Michigan State University	50,340	39,090	77.7%	11,250	22.3%	8,005	1,474
Public	Mississippi State University	21,622	18,090	83.7%	3,532	16.3%	3,619	1,703
Public	Montana State University - Bozeman	16,359	14,340	87.7%	2,019	12.3%	2,929	731
Public	Naval Postgraduate School	2,682			2,682	100.0%		
Public	New Jersey Institute of Technology	11,317	8,211	72.6%	3,106	27.4%	1,052	560
Public	New Mexico State Univ. - Las Cruces	14,852	12,027	81.0%	2,825	19.0%	1,826	497
Private	New York University	50,550	26,135	51.7%	24,415	48.3%	6,078	709
Public	North Carolina State University	33,755	23,827	70.6%	9,928	29.4%	4,376	1,133
Private	Northeastern University	20,381	13,473	66.1%	6,908	33.9%	2,676	587
Private	Northwestern University	21,823	8,791	40.3%	13,032	59.7%	1,985	104
Public	Ohio State University - Columbus	59,482	45,831	77.1%	13,651	22.9%	7,931	2,312
Public	Oklahoma State University - Stillwater	25,622	21,101	82.4%	4,521	17.6%	3,930	1,317



Fall 2016 Part-Time Enrollment			2016-2017 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
25.1%	21.7%	39.4%		16,484	5,897	677	199
16.6%	10.0%	43.4%		4,501	1,237	289	278
18.2%	19.5%	15.8%	2	943	424	17	376
0.4%		0.4%			75	99	167
19.4%	7.3%	34.2%		4,433	4,644	509	557
9.3%	0.5%	24.2%		1,433	799	86	
6.0%	5.2%	7.8%		1,864	633	210	121
0.0%		0.1%		254	122	180	
7.6%	3.4%	11.3%		1,622	2,943	288	
10.9%	3.1%	17.0%		1,459	1,457	206	451
11.2%	3.8%	39.9%		4,201	1,325	231	
32.7%	25.3%	53.0%		2,603	1,371	51	153
21.2%	12.7%	53.0%		5,332	1,701	223	136
16.4%	7.0%	20.0%		2,474	7,864	570	761
0.4%	0.1%	1.1%		3,922	2,717	501	303
1.7%	0.9%	3.4%		1,245	674	83	72
26.6%	14.5%	48.4%	2	4,103	2,449	227	472
4.9%	0.5%	8.1%		2,446	2,822	685	356
11.3%	2.1%	20.0%		2,405	1,507	251	534
40.3%	42.6%	28.7%	57	10,116	3,185	199	328
14.5%	11.1%	28.2%	190	9,782	2,076	398	348
32.2%	19.1%	60.3%		5,443	2,758	283	152
32.7%	9.3%	49.9%	219	3,029	4,363	251	914
22.1%	5.3%	33.3%		2,228	3,858	124	862
25.2%	10.8%	44.9%		3,607	2,561	508	
24.1%	23.9%	25.1%		5,054	2,017	262	272
31.2%	27.9%	32.8%	7	2,635	4,545	718	810
					119	49	138
22.7%	18.3%	39.2%	4	7,819	2,690	485	256
11.1%	5.9%	39.6%		7,038	1,061	374	143
41.6%	7.0%	53.3%		1,818	5,643	553	129
15.2%	9.1%	43.0%	14	4,124	1,049	191	112
12.8%	11.1%	21.1%		4,980	1,101	315	269
1.7%	1.1%	2.1%		1,298	1,790	622	
13.8%		13.8%			55	29	196
6.5%	0.3%	7.2%		222	337	179	313
13.2%	9.3%	26.7%		9,298	2,270	552	633
13.9%	7.7%	45.6%		3,518	737	176	80
21.7%	14.6%	72.0%	78	2,370	487	66	18
45.0%		45.0%			1,240	19	
28.1%	24.7%	37.0%		1,512	1,281	59	
23.4%	17.9%	46.9%	27	2,596	711	103	8
18.2%	4.8%	32.5%	74	6,432	8,545	445	1,011
20.7%	12.1%	41.3%	157	5,632	2,717	540	95
4.3%	0.2%	12.4%		3,812	2,225	228	367
19.9%	5.6%	29.6%		2,895	4,828	454	492
12.9%	8.7%	27.1%	2	11,295	2,830	818	783
21.0%	12.7%	59.9%		4,525	1,043	223	74

## The Top American Research Universities

Student Characteristics		Fall 2016 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	Oregon Health & Science University	2,899	777	26.8%	2,122	73.2%		175
Public	Oregon State University	30,354	25,327	83.4%	5,027	16.6%	3,523	1,374
Public	Penn. State Univ. - Hershey Med. Ctr.	896			896	100.0%		
Public	Pennsylvania State Univ. - Univ. Park	47,789	41,359	86.5%	6,430	13.5%	8,445	325
Private	Princeton University	8,181	5,400	66.0%	2,781	34.0%	1,305	
Public	Purdue University - West Lafayette	41,513	31,105	74.9%	10,408	25.1%	7,380	971
Private	Rensselaer Polytechnic Institute	7,363	6,265	85.1%	1,098	14.9%	1,691	123
Private	Rice University	6,855	3,893	56.8%	2,962	43.2%	977	36
Private	Rockefeller University	216			216	100.0%		
Private	Rush University	2,503	122	4.9%	2,381	95.1%		36
Public	Rutgers University - New Brunswick	50,146	36,168	72.1%	13,978	27.9%	6,459	2,668
Public	San Diego State University	34,688	29,860	86.1%	4,828	13.9%	4,812	3,274
Private	Scripps Research Institute							
Private	Stanford University	17,184	7,034	40.9%	10,150	59.1%	1,738	39
Public	Stony Brook University	25,734	17,026	66.2%	8,708	33.8%	2,931	1,499
Public	Temple University	39,296	29,275	74.5%	10,021	25.5%	5,143	2,284
Public	Texas A&M Univ. - College Station	65,632	50,735	77.3%	14,897	22.7%	8,955	2,584
Private	Thomas Jefferson University	3,887	831	21.4%	3,056	78.6%		416
Private	Tufts University	11,489	5,508	47.9%	5,981	52.1%	1,336	230
Private	Tulane University	12,581	7,924	63.0%	4,657	37.0%	1,856	82
Public	U.S. Air Force Academy	4,237	4,237	100.0%			1,115	
Public	Uniformed Services Univ. of the HS							
Public	University at Albany	17,373	13,139	75.6%	4,234	24.4%	2,721	1,294
Public	University at Buffalo	30,184	20,412	67.6%	9,772	32.4%	4,082	1,724
Public	University of Alabama - Birmingham	19,535	12,369	63.3%	7,166	36.7%	1,948	965
Public	University of Alabama - Huntsville	8,468	6,507	76.8%	1,961	23.2%	1,203	635
Public	University of Alaska - Fairbanks	8,283	7,162	86.5%	1,121	13.5%	670	242
Public	University of Arizona	43,161	33,694	78.1%	9,467	21.9%	5,997	1,644
Public	Univ. of Arkansas for Med. Sciences	2,869	674	23.5%	2,195	76.5%		261
Public	University of California - Berkeley	40,154	29,310	73.0%	10,844	27.0%	6,198	2,481
Public	University of California - Davis	36,460	29,379	80.6%	7,081	19.4%	5,679	3,561
Public	University of California - Irvine	32,754	27,331	83.4%	5,423	16.6%	6,540	2,409
Public	University of California - Los Angeles	43,548	30,873	70.9%	12,675	29.1%	6,535	3,310
Public	University of California - Riverside	22,715	19,799	87.2%	2,916	12.8%	5,345	1,209
Public	University of California - San Diego	34,979	28,127	80.4%	6,852	19.6%	5,714	2,811
Public	Univ. of California - San Francisco	3,145			3,145	100.0%		
Public	Univ. of California - Santa Barbara	24,346	21,574	88.6%	2,772	11.4%	4,982	1,996
Public	University of California - Santa Cruz	18,783	16,962	90.3%	1,821	9.7%	4,204	1,100
Public	University of Central Florida	64,088	55,723	86.9%	8,365	13.1%	6,170	4,616
Private	University of Chicago	15,775	6,001	38.0%	9,774	62.0%	1,591	25
Public	University of Cincinnati - Cincinnati	36,596	25,820	70.6%	10,776	29.4%	4,976	821
Public	University of Colorado - Boulder	33,977	27,901	82.1%	6,076	17.9%	6,378	1,111
Public	U. of Colorado - Denv./Anschutz Med.	23,960	14,622	61.0%	9,338	39.0%	1,368	1,423
Public	Univ. of Connecticut - Health Center							
Public	University of Connecticut - Storrs	27,721	19,324	69.7%	8,397	30.3%	3,808	850
Private	University of Dayton	10,803	8,330	77.1%	2,473	22.9%	1,823	99
Public	University of Delaware	23,009	19,215	83.5%	3,794	16.5%	4,370	375
Public	University of Florida	52,367	34,554	66.0%	17,813	34.0%	6,801	1,662
Public	University of Georgia	36,574	27,951	76.4%	8,623	23.6%	5,401	1,424

# The Top American Research Universities

Fall 2016 Part-Time Enrollment			2016-2017 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
40.9%	71.8%	29.6%		381	286	49	236
26.1%	25.6%	28.6%		5,486	996	276	127
5.4%		5.4%			62	21	135
4.0%	2.9%	10.8%	6	11,174	1,411	695	114
1.8%	2.8%			1,280	630	358	
13.6%	5.8%	36.8%	54	7,322	2,151	746	246
1.3%	0.3%	6.8%		1,451	429	122	
4.2%	1.5%	7.9%		1,195	849	215	
					3	23	
39.1%	32.0%	39.5%		55	423	13	317
14.8%	5.9%	37.6%	106	8,377	2,998	636	686
14.2%	10.3%	38.6%		7,308	1,700	90	34
6.4%		10.9%		1,737	2,398	752	271
17.3%	6.9%	37.8%		4,774	2,136	317	275
14.2%	10.2%	25.9%	1	6,267	1,645	274	909
13.3%	11.1%	20.6%		11,654	3,217	761	682
29.3%	22.0%	31.3%	2	393	410	30	442
8.2%	1.3%	14.6%		1,783	1,261	139	525
18.2%	18.1%	18.2%	58	2,270	1,524	146	378
				1,014			
16.4%	5.5%	50.4%		3,382	1,212	167	
16.6%	7.8%	35.0%	0	5,203	2,208	343	603
35.0%	27.5%	48.1%		2,495	1,804	126	387
28.9%	19.2%	61.2%		1,084	539	41	18
55.1%	55.5%	52.8%	309	581	228	49	
16.5%	13.5%	27.1%		7,346	1,947	442	494
26.5%	25.5%	26.8%	64	263	233	41	292
7.1%	4.1%	15.0%		8,791	2,609	818	364
3.7%	2.8%	7.6%		8,472	1,101	517	402
2.4%	1.6%	6.1%		7,487	1,425	403	188
3.5%	1.7%	7.9%		8,930	3,336	770	648
1.9%	1.3%	6.0%		4,602	684	268	40
3.3%	2.6%	6.1%		7,549	1,590	531	198
					347	138	441
2.2%	1.7%	6.1%		5,811	521	321	
2.8%	2.7%	4.4%		4,324	366	167	
33.7%	30.9%	52.7%	457	13,210	2,197	279	150
15.6%	0.6%	24.8%		1,754	2,811	395	301
26.3%	16.5%	49.8%	42	5,658	3,149	233	426
16.5%	7.5%	57.5%		6,010	1,375	408	180
46.8%	41.7%	54.9%		2,437	2,158	132	545
11.9%	3.5%	31.5%	30	5,905	1,947	361	441
10.4%	5.5%	27.1%		2,003	764	39	130
9.8%	7.6%	21.0%	288	4,433	1,019	254	56
16.3%	10.2%	28.1%	325	8,526	4,101	728	1,280
9.8%	5.8%	22.6%		7,629	1,684	543	424

## The Top American Research Universities

Student Characteristics		Fall 2016 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	University of Hawaii - Manoa	18,056	13,132	72.7%	4,924	27.3%	1,924	1,095
Public	University of Houston - Univ. Park	43,774	35,995	82.2%	7,779	17.8%	4,263	3,240
Public	University of Idaho	11,780	9,586	81.4%	2,194	18.6%	1,632	515
Public	University of Illinois - Chicago	29,120	17,959	61.7%	11,161	38.3%	3,271	1,683
Public	Univ. of Illinois - Urbana-Champaign	46,951	33,932	72.3%	13,019	27.7%	7,581	1,365
Public	University of Iowa	32,011	24,476	76.5%	7,535	23.5%	5,224	1,059
Public	University of Kansas - Lawrence	27,565	19,262	69.9%	8,303	30.1%	4,130	1,019
Public	University of Kentucky	29,781	22,621	76.0%	7,160	24.0%	5,051	740
Public	University of Louisville	21,578	15,826	73.3%	5,752	26.7%	2,746	734
Public	University of Maryland - Baltimore	6,482	905	14.0%	5,577	86.0%		225
Public	Univ. of Maryland - Baltimore County	13,640	11,142	81.7%	2,498	18.3%	1,518	979
Public	University of Maryland - College Park	40,225	29,614	73.6%	10,611	26.4%	5,703	2,009
Public	Univ. of Massachusetts - Amherst	30,037	23,373	77.8%	6,664	22.2%	4,672	1,241
Public	Univ. of Mass. Med. Sch. - Worcester	1,108			1,108	100.0%		
Private	University of Miami	16,744	10,792	64.5%	5,952	35.5%	2,042	533
Public	University of Michigan - Ann Arbor	44,718	28,983	64.8%	15,735	35.2%	6,675	1,033
Public	University of Minnesota - Twin Cities	51,580	34,871	67.6%	16,709	32.4%	5,860	2,366
Public	University of Missouri - Columbia	33,239	25,877	77.9%	7,362	22.1%	4,672	805
Public	University of Nebraska - Lincoln	25,897	20,833	80.4%	5,064	19.6%	4,833	823
Public	University of Nebraska Medical Ctr.	3,862	877	22.7%	2,985	77.3%		356
Public	University of Nevada - Reno	21,353	18,191	85.2%	3,162	14.8%	3,516	1,088
Public	Univ. of New Hampshire - Durham	15,188	12,857	84.7%	2,331	15.3%	2,881	571
Public	Univ. of New Mexico - Albuquerque	26,999	21,023	77.9%	5,976	22.1%	3,365	832
Public	Univ. of North Carolina - Chapel Hill	29,468	18,522	62.9%	10,946	37.1%	4,224	810
Public	University of North Dakota	14,648	11,255	76.8%	3,393	23.2%	1,903	551
Private	University of Notre Dame	12,393	8,530	68.8%	3,863	31.2%	2,046	167
Public	University of Oklahoma - HSC	3,322	825	24.8%	2,497	75.2%		434
Public	University of Oklahoma - Norman	27,918	21,609	77.4%	6,309	22.6%	3,689	892
Public	University of Oregon	23,546	20,049	85.1%	3,497	14.9%	3,942	1,149
Private	University of Pennsylvania	24,960	11,716	46.9%	13,244	53.1%	2,428	147
Public	University of Pittsburgh - Pittsburgh	28,664	19,123	66.7%	9,541	33.3%	3,951	724
Public	University of Rhode Island	17,822	14,812	83.1%	3,010	16.9%	3,235	470
Private	University of Rochester	11,209	6,386	57.0%	4,823	43.0%	1,461	110
Public	Univ. of South Carolina - Columbia	34,099	25,556	74.9%	8,543	25.1%	5,105	1,817
Public	University of South Florida - Tampa	42,861	31,461	73.4%	11,400	26.6%	4,010	2,494
Private	University of Southern California	43,871	18,794	42.8%	25,077	57.2%	3,066	1,443
Public	University of Tennessee - Knoxville	28,052	22,139	78.9%	5,913	21.1%	4,840	1,224
Public	University of Texas - Austin	51,331	40,168	78.3%	11,163	21.7%	8,570	2,343
Public	University of Texas - El Paso	23,922	20,521	85.8%	3,401	14.2%	3,006	1,050
Public	University of Texas HSC - Houston	5,051	677	13.4%	4,374	86.6%		106
Public	Univ. of Texas HSC - San Antonio	3,250	852	26.2%	2,398	73.8%		256
Public	U. of Texas MD Anderson Cancer Ctr.	360	339	94.2%	21	5.8%		97
Public	U. of Texas Med. Branch - Galveston	3,277	739	22.6%	2,538	77.4%		257
Public	Univ. of Texas SW Med. Ctr. - Dallas	2,316			2,316	100.0%		
Public	University of Utah	31,860	23,789	74.7%	8,071	25.3%	3,319	1,305
Public	University of Vermont	13,105	11,159	85.2%	1,946	14.8%	2,484	446
Public	University of Virginia	23,898	16,331	68.3%	7,567	31.7%	3,682	586
Public	University of Washington - Seattle	45,591	30,933	67.8%	14,658	32.2%	6,413	1,355
Public	University of Wisconsin - Madison	42,582	30,958	72.7%	11,624	27.3%	6,414	1,044

Fall 2016 Part-Time Enrollment			2016-2017 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
24.9%	17.2%	45.5%		3,298	978	190	197
27.8%	28.3%	25.8%		6,726	1,938	358	451
27.2%	24.2%	40.2%		1,852	509	54	112
15.8%	8.0%	28.4%		4,044	2,447	370	692
9.6%	4.1%	23.9%		8,720	3,356	827	268
20.0%	14.7%	36.9%		5,377	1,242	464	458
16.5%	11.0%	29.4%		4,299	1,645	353	585
10.4%	7.9%	18.3%		4,920	1,181	326	566
23.4%	21.4%	28.9%	15	3,098	1,387	158	350
20.2%	22.2%	19.9%		416	827	88	740
21.9%	14.9%	53.3%		2,665	631	88	
11.6%	7.2%	23.7%		7,771	2,837	567	33
20.9%	8.2%	65.7%	34	6,571	1,392	307	60
6.6%		6.6%			66	57	135
8.0%	5.8%	11.8%		3,264	1,465	209	546
5.3%	3.5%	8.5%		7,892	4,442	820	702
23.8%	15.2%	41.7%		8,608	3,487	702	984
13.1%	6.8%	35.2%		6,331	1,684	500	313
14.8%	7.0%	47.1%	0	4,265	949	299	118
15.3%	20.0%	13.9%		449	261	70	291
21.2%	15.3%	55.0%		3,587	632	117	61
9.9%	3.0%	48.0%	89	3,140	769	62	1
28.3%	24.2%	42.5%	0	4,451	1,233	195	335
14.9%	3.5%	34.1%		5,811	2,187	566	683
27.8%	21.6%	48.5%		2,288	789	91	181
1.7%	0.2%	4.9%		2,747	1,062	239	206
15.0%	6.2%	17.9%		470	240	44	470
22.9%	14.6%	51.2%		4,347	1,719	213	158
9.2%	8.6%	12.5%		5,168	932	200	105
14.4%	10.7%	17.8%	0	3,531	4,316	589	698
10.7%	5.0%	22.0%	12	5,242	2,280	416	657
20.0%	15.7%	40.8%		3,440	547	100	116
14.4%	3.4%	29.0%		2,049	1,293	249	105
11.2%	4.6%	31.1%	6	6,589	1,802	317	444
28.4%	23.7%	41.3%	325	8,223	3,193	332	389
13.6%	3.2%	21.4%		5,229	8,234	679	1,110
12.5%	6.1%	36.5%		4,833	1,545	381	181
7.4%	7.3%	7.9%		10,105	2,976	827	457
38.6%	35.0%	60.6%		3,485	1,026	106	32
35.2%	18.0%	37.9%		407	513	132	381
12.8%	12.6%	12.8%		400	179	43	344
18.1%	18.9%	4.8%		143	6		
27.7%	15.0%	31.4%		448	330	49	325
28.9%		28.9%			95	98	213
26.6%	27.7%	23.3%		5,214	2,140	339	451
11.5%	8.7%	27.3%		2,407	397	69	153
9.5%	5.2%	18.6%		5,033	1,776	361	448
11.6%	8.3%	18.7%		8,604	3,885	624	575
10.1%	7.7%	16.5%		8,700	2,232	876	559

Student Characteristics		Fall 2016 Headcount Enrollment						
		Total Student Enrollment	Total Undergraduate Students	%	Total Graduate Students	%	First-time, Full-time Students	Full-time Transfer Students
Public	University of Wyoming	12,366	9,788	79.2%	2,578	20.8%	1,534	748
Public	Utah State University	28,118	24,838	88.3%	3,280	11.7%	4,096	1,286
Private	Vanderbilt University	12,587	6,871	54.6%	5,716	45.4%	1,599	218
Public	Virginia Commonwealth University	30,872	23,865	77.3%	7,007	22.7%	4,139	1,782
Public	Virginia Polytechnic Inst. and St. U.	33,170	25,791	77.8%	7,379	22.2%	5,921	999
Private	Wake Forest University	7,968	4,955	62.2%	3,013	37.8%	1,304	27
Public	Washington State Univ. - Pullman	30,142	24,904	82.6%	5,238	17.4%	4,449	2,168
Private	Washington University in St. Louis	15,047	7,555	50.2%	7,492	49.8%	1,766	100
Public	Wayne State University	27,238	17,220	63.2%	10,018	36.8%	2,398	1,281
Private	Weill Cornell Medical College	1,070			1,070	100.0%		
Public	West Virginia University	28,488	22,350	78.5%	6,138	21.5%	5,108	807
Private	Woods Hole Oceanographic Inst.							
Private	Yale University	12,458	5,472	43.9%	6,986	56.1%	1,367	24
Private	Yeshiva University	6,168	2,714	44.0%	3,454	56.0%	535	25

Fall 2016 Part-Time Enrollment			2016-2017 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
21.8%	17.2%	39.1%		2,359	498	106	126
35.5%	31.6%	65.1%	1,451	3,846	838	95	2
6.0%	0.8%	12.2%		2,185	1,617	337	356
17.9%	15.1%	27.6%		5,312	1,451	306	437
8.6%	2.2%	30.9%	49	6,184	1,514	516	119
5.5%	1.1%	12.8%		1,307	899	64	293
16.4%	13.1%	32.1%		5,597	960	315	216
13.9%	8.5%	19.3%	14	2,284	1,969	288	503
33.1%	30.3%	37.8%		3,651	2,169	268	530
0.1%		0.1%			75	54	100
11.8%	8.2%	25.1%		4,349	1,615	239	437
0.9%	0.1%	1.6%		1,566	2,183	375	334
17.5%	3.2%	28.7%	433	582	407	102	471

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	Arizona State University	2	2	1	1
Public	Auburn University	0	0	0	0
Public	Augusta University	0	0	0	0
Private	Baylor College of Medicine	0	4	0	4
Private	Boston University	0	5	1	3
Private	Brandeis University	0	0	0	0
Private	Brown University	1	3	1	3
Private	California Institute of Technology	2	5	2	4
Private	Carnegie Mellon University	1	2	1	3
Private	Case Western Reserve University	1	1	0	3
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	4	5	4	5
Private	Dartmouth College	1	2	2	1
Private	Drexel University	0	0	0	0
Private	Duke University	8	1	7	2
Private	Emory University	2	5	3	5
Public	Florida International University	0	0	0	0
Public	Florida State University	0	1	0	1
Public	George Mason University	0	0	0	0
Private	George Washington University	0	0	0	0
Private	Georgetown University	0	1	0	1
Public	Georgia Institute of Technology	2	5	2	5
Public	Georgia State University	0	0	0	0
Private	Harvard University	9	0	9	0
Private	Icahn School of Medicine at Mount Sinai	1	2	1	2
Public	Indiana University - Bloomington	0	5	0	5
Public	Iowa State University	0	2	0	0
Private	Johns Hopkins University	7	2	7	2
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	0	7	0	6
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	4	4	3	5
Public	North Carolina State University	0	4	1	3
Private	Northeastern University	1	1	1	0
Private	Northwestern University	6	3	6	3
Public	Ohio State University - Columbus	6	2	6	2
Public	Oklahoma State University - Stillwater	0	0	0	0



# The Top American Research Universities

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	2014 No. of Measures in Top 25 Nationally	2014 No. of Measures in Top 26-50 Nationally	2013 No. of Measures in Top 25 Nationally	2013 No. of Measures in Top 26-50 Nationally
2	0	1	0	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	4	0	4	0	3	0	3
0	4	0	4	1	3	2	2
0	0	0	0	0	0	0	0
1	3	1	3	1	3	0	3
2	5	2	4	3	2	2	4
1	2	1	2	0	2	0	3
0	3	0	4	0	4	0	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
9	0	9	0	9	0	9	0
4	5	4	5	3	6	4	5
2	1	2	1	2	1	2	1
0	0	0	0	0	0	0	0
8	1	9	0	8	1	8	1
2	6	3	5	3	5	4	4
0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	1
0	2	0	1	0	2	0	1
2	5	3	5	2	4	3	4
0	0	0	0	0	0	0	0
9	0	9	0	9	0	8	1
1	2	0	4	0	2	0	2
0	3	0	3	0	3	0	3
0	0	0	0	0	0	0	1
6	3	6	3	8	1	7	2
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	4	1	4	0	6	0	6
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	5	3	5	4	4	4	5
0	3	0	4	0	4	0	2
0	2	0	1	0	1	0	0
6	3	6	3	6	3	6	3
5	3	6	2	6	2	4	3
0	0	0	0	0	0	0	0

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	Oregon Health & Science University	0	2	0	1
Public	Oregon State University	0	0	0	0
Public	Pennsylvania State Univ. - Hershey Med. Ctr.	0	0	0	0
Public	Pennsylvania State University - Univ. Park	3	3	4	2
Private	Princeton University	5	1	4	3
Public	Purdue University - West Lafayette	1	5	2	4
Private	Rensselaer Polytechnic Institute	0	0	0	1
Private	Rice University	2	1	2	0
Private	Rockefeller University	1	1	1	1
Private	Rush University	0	0	0	0
Public	Rutgers University - New Brunswick	1	4	1	3
Public	San Diego State University	0	0	0	0
Private	Scripps Research Institute	0	3	0	3
Private	Stanford University	9	0	9	0
Public	Stony Brook University	0	0	0	0
Public	Temple University	0	0	0	0
Public	Texas A&M University - College Station	4	3	4	3
Private	Thomas Jefferson University	0	0	0	0
Private	Tufts University	1	0	1	0
Private	Tulane University	0	1	0	0
Public	U.S. Air Force Academy	0	1	0	0
Public	Uniformed Services University of the HS	0	0	0	1
Public	University at Albany	0	0	0	0
Public	University at Buffalo	0	0	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	7	0	7
Public	University of Arkansas for Medical Sciences	0	0	0	0
Public	University of California - Berkeley	7	2	7	2
Public	University of California - Davis	1	5	2	4
Public	University of California - Irvine	0	3	0	3
Public	University of California - Los Angeles	8	0	8	0
Public	University of California - Riverside	0	1	0	0
Public	University of California - San Diego	5	2	5	2
Public	University of California - San Francisco	5	2	6	1
Public	University of California - Santa Barbara	1	0	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	3
Public	University of Colorado - Boulder	2	4	1	5
Public	Univ. of Colorado - Denver/Anschutz Med.	0	2	0	1
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	0	0	1
Private	University of Dayton	0	0	0	0
Public	University of Delaware	0	0	0	0
Public	University of Florida	3	4	3	4
Public	University of Georgia	0	2	0	1

# The Top American Research Universities

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	2014 No. of Measures in Top 25 Nationally	2014 No. of Measures in Top 26-50 Nationally	2013 No. of Measures in Top 25 Nationally	2013 No. of Measures in Top 26-50 Nationally
0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
3	5	3	4	4	3	3	4
4	2	4	3	4	2	4	2
1	5	1	5	1	4	2	4
0	1	0	1	0	1	0	1
2	1	2	1	2	1	2	1
1	1	1	1	0	2	1	1
0	0	0	0	0	0	0	0
2	3	0	4	1	4	0	4
0	0	0	0	0	0	0	0
1	2	0	3	0	2	0	2
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	5	4	2	4	2	4	3
0	0	0	0	0	0	0	0
1	0	1	0	1	0	1	0
0	0	0	1	0	1	0	0
0	0	0	1	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	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	6	0	5	0	5	0	6
0	0	0	0	0	0	0	0
7	2	7	1	7	2	7	2
3	3	2	3	3	3	3	3
0	3	0	3	0	4	0	4
7	1	7	1	7	1	7	1
0	0	0	0	0	0	0	0
5	2	4	3	5	2	6	1
6	1	6	1	6	1	6	1
1	0	1	0	1	1	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	3	5	3	5	4	5	4
0	1	0	4	0	3	0	3
1	4	1	3	1	3	1	3
0	2	0	1	0	2	0	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
3	4	2	5	2	5	2	5
0	1	0	2	0	1	0	2

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	University of Hawaii - Manoa	0	0	0	0
Public	University of Houston - University Park	0	0	0	0
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	1	0	0
Public	University of Illinois - Urbana-Champaign	3	4	3	4
Public	University of Iowa	0	3	0	3
Public	University of Kansas - Lawrence	0	0	0	0
Public	University of Kentucky	0	0	0	1
Public	University of Louisville	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	5
Public	University of Massachusetts - Amherst	0	1	0	0
Public	U. of Massachusetts Med. Sch. - Worcester	0	1	0	0
Private	University of Miami	0	2	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 Nebraska - Lincoln	0	0	0	0
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	6	3	6	2
Public	University of North Dakota	0	0	0	0
Private	University of Notre Dame	3	1	3	1
Public	University of Oklahoma - HSC	0	0	0	0
Public	University of Oklahoma - Norman	0	1	0	1
Public	University of Oregon	0	1	0	0
Private	University of Pennsylvania	9	0	9	0
Public	University of Pittsburgh - Pittsburgh	4	3	3	4
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	0	2	0	2
Public	University of South Carolina - Columbia	0	2	0	0
Public	University of South Florida - Tampa	0	1	0	2
Private	University of Southern California	4	4	6	3
Public	University of Tennessee - Knoxville	0	1	0	1
Public	University of Texas - Austin	5	2	4	4
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	2	0	2	1
Public	Univ. of Texas Medical Branch - Galveston	0	0	0	0
Public	Univ. of Texas SW Medical Center - Dallas	0	3	0	5
Public	University of Utah	0	1	0	5
Public	University of Vermont	0	0	0	0
Public	University of Virginia	1	3	1	2
Public	University of Washington - Seattle	7	1	7	1
Public	University of Wisconsin - Madison	6	2	7	1

# The Top American Research Universities

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	2014 No. of Measures in Top 25 Nationally	2014 No. of Measures in Top 26-50 Nationally	2013 No. of Measures in Top 25 Nationally	2013 No. of Measures in Top 26-50 Nationally
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	1	0	0	0	0
3	4	5	2	3	4	3	4
0	3	0	4	1	3	0	5
0	1	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	2	0	2	0	0
0	0	0	0	0	0	0	0
1	5	1	5	1	4	1	5
0	1	0	0	0	0	0	0
0	0	0	1	0	1	0	2
0	1	0	1	0	1	0	1
8	1	8	0	8	0	8	1
6	2	6	2	4	4	6	2
0	1	0	1	0	1	0	1
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4	4	6	2	6	2	5	3
0	0	0	0	0	0	0	0
3	1	3	1	3	1	2	1
0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0
0	0	0	0	0	1	0	0
9	0	8	1	8	1	9	0
4	3	5	2	4	4	4	4
0	0	0	0	0	0	0	0
0	3	0	3	0	3	0	5
0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0
6	3	6	3	5	4	6	3
0	0	0	1	0	1	0	2
4	4	4	4	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
1	2	1	2	1	2	1	2
0	0	0	0	0	0	0	0
0	4	0	4	0	4	0	6
0	4	0	5	0	5	1	4
0	0	0	0	0	0	0	0
1	4	1	4	2	4	3	2
7	1	7	1	7	1	7	1
7	1	6	2	7	1	7	1

**The Center Measures - National Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	University of Wyoming	0	0	0	0
Public	Utah State University	0	0	0	0
Private	Vanderbilt University	3	4	3	4
Public	Virginia Commonwealth University	0	0	0	0
Public	Virginia Polytechnic Institute and State Univ.	0	3	0	2
Private	Wake Forest University	0	0	0	0
Public	Washington State University - Pullman	0	0	0	0
Private	Washington University in St. Louis	5	3	4	4
Public	Wayne State University	0	0	0	0
Private	Weill Cornell Medical College	0	2	0	1
Public	West Virginia University	0	0	0	0
Private	Woods Hole Oceanographic Institution	0	0	0	0
Private	Yale University	8	1	8	1
Private	Yeshiva University	0	0	0	0

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	2014 No. of Measures in Top 25 Nationally	2014 No. of Measures in Top 26-50 Nationally	2013 No. of Measures in Top 25 Nationally	2013 No. of Measures in Top 26-50 Nationally
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4	3	4	4	4	4	4	4
0	0	0	0	0	1	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
4	4	5	3	6	2	4	4
0	0	0	0	0	0	0	0
0	2	0	2	0	2	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	1	0	0	0	0

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	Arizona State University	3	4	2	5
Public	Auburn University	0	2	0	2
Public	Augusta University	0	0	0	0
Private	Baylor College of Medicine	4	2	4	2
Private	Boston University	6	2	6	2
Private	Brandeis University	0	6	0	7
Private	Brown University	5	4	5	4
Private	California Institute of Technology	8	1	7	2
Private	Carnegie Mellon University	4	5	6	3
Private	Case Western Reserve University	4	5	5	4
Public	Clemson University	1	1	0	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	4
Private	Columbia University	9	0	9	0
Private	Cornell University	8	1	8	1
Private	Dartmouth College	2	6	4	4
Private	Drexel University	0	7	0	7
Private	Duke University	9	0	9	0
Private	Emory University	8	1	8	1
Public	Florida International University	0	0	0	0
Public	Florida State University	0	4	0	5
Public	George Mason University	0	0	0	1
Private	George Washington University	2	6	1	7
Private	Georgetown University	1	8	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	3	3	3	3
Public	Indiana University - Bloomington	3	5	2	6
Public	Iowa State University	1	6	0	5
Private	Johns Hopkins University	9	0	9	0
Public	Kansas State University	0	0	0	0
Public	Louisiana State University - Baton Rouge	0	4	0	2
Private	Massachusetts Institute of Technology	9	0	9	0
Private	Medical College of Wisconsin	0	4	0	4
Public	Medical University of South Carolina	0	0	0	0
Public	Michigan State University	6	3	5	3
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	1
Public	New Mexico State University - Las Cruces	0	0	0	0
Private	New York University	8	0	8	1
Public	North Carolina State University	4	5	3	6
Private	Northeastern University	2	6	2	5
Private	Northwestern University	9	0	9	0
Public	Ohio State University - Columbus	9	0	9	0
Public	Oklahoma State University - Stillwater	0	0	0	1



# The Top American Research Universities

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	2014 No. of Measures in Top 25 Among Privates/Publics	2014 No. of Measures in Top 26-50 Among Privates/Publics	2013 No. of Measures in Top 25 Among Privates/Publics	2013 No. of Measures in Top 26-50 Among Privates/Publics
2	5	1	6	1	5	1	6
0	2	0	2	0	1	0	1
0	0	0	0	0	0	0	0
4	3	4	1	4	2	4	2
5	3	5	3	5	3	5	3
0	7	0	6	1	5	0	6
4	5	4	5	4	5	4	5
8	1	6	3	8	1	8	1
5	4	6	3	4	5	4	5
2	7	2	7	3	6	2	6
0	2	0	1	0	1	0	1
0	0	0	0	0	0	0	0
0	4	0	3	0	3	0	3
0	5	1	5	0	5	0	3
9	0	9	0	9	0	9	0
8	1	8	1	8	1	8	1
3	5	3	5	4	4	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	1	0	0	0	0	0	0
0	4	0	4	0	3	0	4
0	0	0	0	0	0	0	0
3	5	2	6	2	6	2	6
1	8	1	8	1	8	1	8
7	1	8	1	7	2	7	2
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
3	3	4	2	4	2	4	2
3	2	2	3	3	3	2	3
0	6	0	4	0	3	0	5
8	1	8	1	8	1	8	1
0	0	1	0	0	1	0	0
0	3	0	3	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	1	0	1
4	4	5	3	6	2	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
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
8	0	8	0	8	0	8	1
2	7	2	7	3	5	0	8
1	7	1	6	0	7	0	6
9	0	9	0	9	0	9	0
9	0	9	0	9	0	8	1
0	0	0	0	0	1	0	1

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	Oregon Health & Science University	1	5	0	5
Public	Oregon State University	0	1	0	2
Public	Pennsylvania State Univ. - Hershey Med. Ctr.	0	0	0	0
Public	Pennsylvania State University - Univ. Park	6	2	6	2
Private	Princeton University	7	2	7	2
Public	Purdue University - West Lafayette	5	3	5	4
Private	Rensselaer Polytechnic Institute	0	5	0	7
Private	Rice University	3	6	3	6
Private	Rockefeller University	1	5	3	4
Private	Rush University	0	3	0	3
Public	Rutgers University - New Brunswick	5	3	4	5
Public	San Diego State University	0	0	0	0
Private	Scripps Research Institute	4	1	5	0
Private	Stanford University	9	0	9	0
Public	Stony Brook University	0	5	1	4
Public	Temple University	0	1	0	0
Public	Texas A&M University - College Station	7	1	7	1
Private	Thomas Jefferson University	0	4	0	5
Private	Tufts University	1	8	1	8
Private	Tulane University	0	8	0	8
Public	U.S. Air Force Academy	1	0	1	0
Public	Uniformed Services University of the HS	0	1	1	1
Public	University at Albany	0	0	0	0
Public	University at Buffalo	0	5	0	5
Public	University of Alabama - Birmingham	2	2	2	1
Public	University of Alabama - Huntsville	1	0	0	1
Public	University of Alaska - Fairbanks	0	0	0	0
Public	University of Arizona	5	3	5	3
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	5	3	5	4
Public	University of California - Irvine	2	5	2	4
Public	University of California - Los Angeles	9	0	9	0
Public	University of California - Riverside	1	1	0	2
Public	University of California - San Diego	9	0	9	0
Public	University of California - San Francisco	7	0	7	0
Public	University of California - Santa Barbara	1	4	1	5
Public	University of California - Santa Cruz	0	1	0	2
Public	University of Central Florida	0	0	0	1
Private	University of Chicago	9	0	9	0
Public	University of Cincinnati - Cincinnati	0	7	1	6
Public	University of Colorado - Boulder	5	3	5	3
Public	Univ. of Colorado - Denver/Anschutz Med.	2	3	1	4
Public	University of Connecticut - Health Center	0	0	0	0
Public	University of Connecticut - Storrs	0	2	1	1
Private	University of Dayton	0	2	0	2
Public	University of Delaware	1	2	1	1
Public	University of Florida	8	1	8	1
Public	University of Georgia	1	8	1	6

# The Top American Research Universities

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	2014 No. of Measures in Top 25 Among Privates/Publics	2014 No. of Measures in Top 26-50 Among Privates/Publics	2013 No. of Measures in Top 25 Among Privates/Publics	2013 No. of Measures in Top 26-50 Among Privates/Publics
0	5	1	4	0	5	0	6
0	1	0	3	0	2	1	2
0	0	0	0	0	0	0	0
6	2	8	0	8	1	8	0
7	2	7	2	7	2	7	2
6	3	5	4	5	3	6	2
0	7	0	7	0	7	0	7
3	6	3	6	4	5	3	6
2	4	2	4	3	3	3	3
0	2	0	2	0	2	0	3
5	4	3	6	3	6	2	5
0	0	0	0	0	0	0	0
4	1	4	0	4	0	4	0
9	0	9	0	9	0	9	0
0	5	0	5	0	6	0	3
0	1	0	1	0	1	0	0
8	0	5	2	5	4	6	3
0	4	0	4	0	4	0	4
1	8	1	8	1	8	1	8
0	8	0	7	0	7	0	7
1	0	1	0	1	0	1	0
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	5	0	4	0	6	0	6
1	3	1	3	2	1	2	2
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
6	2	4	4	4	4	5	3
0	0	0	0	0	0	0	0
9	0	9	0	9	0	9	0
6	3	5	3	6	3	5	4
2	4	2	5	3	3	2	4
9	0	9	0	9	0	9	0
0	1	0	2	0	2	0	3
8	1	8	1	7	2	8	1
7	0	7	0	7	0	7	0
1	4	1	4	1	4	1	5
0	1	0	1	0	1	0	1
0	0	0	1	0	0	0	0
9	0	9	0	9	0	9	0
2	5	2	5	3	4	3	4
4	4	3	4	4	2	3	4
2	3	1	4	1	3	2	4
0	0	0	0	0	0	0	0
0	3	0	1	0	2	0	2
0	2	0	2	0	2	0	2
1	1	1	1	1	0	1	3
8	1	9	0	8	1	9	0
0	6	1	6	0	6	1	4

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	University of Hawaii - Manoa	0	4	0	4
Public	University of Houston - University Park	0	4	0	5
Public	University of Idaho	0	0	0	0
Public	University of Illinois - Chicago	0	4	0	4
Public	University of Illinois - Urbana-Champaign	9	0	8	1
Public	University of Iowa	1	7	2	6
Public	University of Kansas - Lawrence	0	5	0	3
Public	University of Kentucky	0	8	1	4
Public	University of Louisville	0	1	0	1
Public	University of Maryland - Baltimore	0	4	0	4
Public	University of Maryland - Baltimore County	0	0	0	1
Public	University of Maryland - College Park	5	3	6	2
Public	University of Massachusetts - Amherst	0	2	0	3
Public	Univ. of Mass. Med. Sch. - Worcester	0	4	0	3
Private	University of Miami	4	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	1	4	0	5
Public	University of Nebraska - Lincoln	0	2	0	3
Public	University of Nebraska Medical Center	0	1	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	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	4	5	4	5
Public	University of Oklahoma - HSC	0	0	0	0
Public	University of Oklahoma - Norman	1	2	1	2
Public	University of Oregon	1	2	0	4
Private	University of Pennsylvania	9	0	9	0
Public	University of Pittsburgh - Pittsburgh	6	3	7	2
Public	University of Rhode Island	0	0	0	0
Private	University of Rochester	3	5	3	5
Public	University of South Carolina - Columbia	2	3	0	2
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	3	1	2
Public	University of Texas - Austin	7	2	8	1
Public	University of Texas - El Paso	0	0	0	0
Public	University of Texas HSC - Houston	0	1	0	1
Public	University of Texas HSC - San Antonio	0	0	0	0
Public	Univ. of Texas MD Anderson Cancer Center	3	3	4	2
Public	Univ. of Texas Medical Branch - Galveston	0	0	0	0
Public	Univ. of Texas SW Medical Center - Dallas	3	4	4	3
Public	University of Utah	1	6	5	3
Public	University of Vermont	0	0	0	0
Public	University of Virginia	4	5	4	4
Public	University of Washington - Seattle	8	1	8	1
Public	University of Wisconsin - Madison	9	0	9	0

# The Top American Research Universities

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	2014 No. of Measures in Top 25 Among Privates/Publics	2014 No. of Measures in Top 26-50 Among Privates/Publics	2013 No. of Measures in Top 25 Among Privates/Publics	2013 No. of Measures in Top 26-50 Among Privates/Publics
0	4	0	5	0	5	0	4
0	4	0	3	0	3	1	4
0	0	0	0	0	0	0	0
0	5	0	5	0	6	0	6
9	0	9	0	9	0	9	0
2	6	3	6	2	6	4	4
1	3	1	3	1	3	1	3
0	6	0	6	0	6	0	5
0	1	0	1	0	2	0	2
0	4	0	4	0	5	0	4
0	1	0	1	0	1	0	1
6	2	7	0	6	1	7	1
1	1	0	3	0	3	0	2
0	3	0	3	0	4	2	2
3	4	3	4	3	4	3	4
9	0	9	0	9	0	9	0
9	0	9	0	9	0	9	0
0	5	0	5	0	4	0	6
1	2	0	3	0	4	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
0	2	0	2	0	1	0	1
9	0	9	0	9	0	9	0
0	0	0	0	0	0	0	0
5	4	4	5	4	5	3	6
0	0	0	0	0	0	0	0
1	2	0	2	1	1	0	2
0	4	0	2	1	2	0	3
9	0	9	0	9	0	9	0
6	3	7	2	7	2	8	1
0	0	0	0	0	0	0	0
5	3	5	2	4	4	5	3
0	4	0	2	0	4	0	4
0	6	0	5	0	4	0	4
8	1	8	1	8	1	8	1
0	3	0	5	1	4	2	3
8	1	9	0	9	0	9	0
0	0	0	0	0	0	0	0
0	0	0	2	0	2	0	2
0	0	0	0	0	0	0	0
4	2	4	2	4	2	4	1
0	0	0	0	0	0	0	0
3	4	4	3	4	3	4	3
3	5	5	3	3	5	2	6
0	0	0	0	0	0	0	1
5	4	4	5	5	4	5	3
8	1	8	1	8	1	8	1
9	0	9	0	9	0	9	0

**The Center Measures - Control Rankings**

Institutions with Over \$40 Million in Federal Research, Alphabetically		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
Public	University of Wyoming	0	0	0	0
Public	Utah State University	0	1	0	0
Private	Vanderbilt University	9	0	8	1
Public	Virginia Commonwealth University	1	0	1	0
Public	Virginia Polytechnic Institute and State Univ.	2	5	1	7
Private	Wake Forest University	0	7	0	7
Public	Washington State University - Pullman	0	4	0	6
Private	Washington University in St. Louis	9	0	9	0
Public	Wayne State University	0	0	0	0
Private	Weill Cornell Medical College	4	3	3	4
Public	West Virginia University	0	0	0	0
Private	Woods Hole Oceanographic Institution	0	3	0	4
Private	Yale University	9	0	9	0
Private	Yeshiva University	1	3	0	6

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	2014 No. of Measures in Top 25 Among Privates/Publics	2014 No. of Measures in Top 26-50 Among Privates/Publics	2013 No. of Measures in Top 25 Among Privates/Publics	2013 No. of Measures in Top 26-50 Among Privates/Publics
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
8	1	9	0	9	0	9	0
1	1	1	1	1	2	0	4
2	6	2	6	2	5	2	4
0	6	0	7	0	7	0	7
0	4	0	3	0	4	0	5
9	0	9	0	9	0	9	0
0	0	0	1	0	0	0	0
3	4	4	3	3	4	1	6
0	1	0	0	0	2	0	0
0	4	0	4	0	4	0	4
9	0	9	0	9	0	9	0
1	5	1	6	1	7	2	6

Federal Research with and without Medical School Research										
Institutions with Over \$40 Million in Federal Research excluding Stand-Alone Medical Schools, Alphabetically		AAMC Med School	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
Public	Arizona State University		200,280	0	59	36	186,890	0	65	39
Public	Auburn University		54,258	0	141	119	47,939	0	149	125
Public	Augusta University	Yes	50,294	27,203	149	175	50,585	23,589	144	160
Private	Boston University	Yes	250,523	97,570	47	48	256,562	113,968	49	52
Private	Brandeis University		47,708	0	154	129	46,764	0	152	129
Private	Brown University	Yes	131,751	41,734	84	84	127,886	41,467	83	83
Private	California Institute of Technology		260,489	0	45	23	269,156	0	44	23
Private	Carnegie Mellon University		190,620	0	64	40	187,259	0	64	38
Private	Case Western Reserve University	Yes	320,402	263,290	35	117	307,960	251,043	36	117
Public	Clemson University		52,184	0	142	121	45,292	0	153	130
Public	Cleveland State University		49,659	0	151	126	41,721	0	157	133
Private	Cold Spring Harbor Laboratory		50,478	0	147	125	49,063	0	148	124
Public	Colorado State University - Fort Collins		227,624	0	52	30	213,685	0	54	32
Private	Columbia University	Yes	585,578	275,404	9	17	577,833	275,830	7	18
Private	Cornell University		280,461	0	42	19	277,163	0	41	20
Private	Dartmouth College	Yes	138,641	92,734	81	130	145,807	92,511	79	121
Private	Drexel University	Yes	65,193	28,158	131	142	67,226	24,660	127	132
Private	Duke University	Yes	574,738	335,765	11	28	558,566	318,274	9	27
Private	Emory University	Yes	360,197	205,575	26	46	346,534	199,294	25	50
Public	Florida International University	Yes	68,539	2,682	129	106	67,293	2,595	126	108
Public	Florida State University	Yes	118,294	5,567	94	67	133,569	4,855	82	56
Public	George Mason University		50,687	0	144	122	54,113	0	140	120
Private	George Washington University	Yes	138,735	21,081	80	64	135,667	19,172	81	66
Private	Georgetown University	Yes	82,819	67,726	115	207	87,268	74,601	105	219
Public	Georgia Institute of Technology		567,100	0	12	2	548,063	0	11	2
Public	Georgia State University		40,897	0	161	135	36,843	0	164	137
Private	Harvard University	Yes	549,539	163,758	13	8	530,382	153,831	13	8
Public	Indiana University - Bloomington	Yes	216,917	116,863	55	72	206,263	108,460	57	73
Public	Iowa State University		124,242	0	89	59	113,443	0	95	69
Private	Johns Hopkins University	Yes	2,100,097	471,932	1	1	1,988,993	445,116	1	1
Public	Kansas State University		67,863	0	130	102	66,632	0	128	106
Public	Louisiana State University - Baton Rouge		84,954	0	113	90	82,276	0	113	89
Private	Massachusetts Institute of Technology		501,702	0	15	4	486,650	0	15	4
Public	Michigan State University	Yes	294,369	9,749	38	18	256,228	9,194	50	26
Public	Mississippi State University		86,570	0	111	87	79,181	0	116	92
Public	Montana State University - Bozeman		61,490	0	135	112	62,827	0	132	109
Public	Naval Postgraduate School		50,560	0	146	124	71,987	0	123	101
Public	New Jersey Institute of Technology		63,322	0	132	108	50,554	0	145	122
Public	New Mexico State University - Las Cruces		61,494	0	134	111	78,253	0	120	96
Private	New York University	Yes	332,483	224,016	33	68	326,691	212,823	32	68
Public	North Carolina State University		197,261	0	61	37	196,058	0	60	36
Private	Northeastern University		78,668	0	120	94	78,379	0	119	95
Private	Northwestern University	Yes	424,638	250,143	21	41	385,868	232,322	24	48
Public	Ohio State University - Columbus	Yes	418,887	48,670	22	9	406,941	49,761	22	9
Public	Oklahoma State University - Stillwater		41,186	0	160	134	38,498	0	160	136
Public	Oregon State University		156,437	0	74	45	150,625	0	77	49
Public	Pennsylvania State University - Univ. Park		463,244	0	18	6	447,956	0	19	5
Private	Princeton University		161,562	0	73	44	157,867	0	75	47
Public	Purdue University - West Lafayette		214,373	0	56	33	209,005	0	56	34



## The Top American Research Universities

2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC	2013 Federal (x1000)	2013 AAMC Fed (x1000)	2013 Rank Incl AAMC	2013 Rank Excl AAMC	2012 Federal (x1000)	2012 AAMC Fed (x1000)	2012 Rank Incl AAMC	2012 Rank Excl AAMC
186,126	0	65	38	190,066	0	67	39	182,188	0	68	38
49,739	0	149	126	56,809	0	144	121	55,118	0	149	124
47,771	27,219	151	185	47,913	26,605	154	188	55,106	33,213	150	188
254,285	115,773	48	51	265,476	128,285	48	54	273,204	131,422	44	53
45,800	0	153	130	43,963	0	160	135	44,061	0	162	137
125,005	37,446	84	87	120,977	65,748	87	124	127,665	76,219	85	129
276,447	0	42	22	272,223	0	46	23	322,295	0	34	18
198,247	0	61	34	215,560	0	57	33	209,307	0	60	35
328,548	265,930	29	112	347,628	283,729	28	111	358,722	298,298	26	116
44,673	0	155	132	47,825	0	155	130	48,182	0	157	130
44,139	0	156	133	50,002	0	152	129	46,205	0	159	133
41,845	0	158	134	41,002	0	163	137	43,874	0	163	138
206,958	0	56	33	213,355	0	58	34	245,573	0	53	29
591,523	277,143	8	15	619,557	295,191	7	16	631,961	287,097	6	14
299,320	0	36	20	299,951	0	35	20	298,596	0	41	21
145,080	94,250	76	124	154,917	107,186	75	131	147,218	102,648	79	136
75,557	9,434	122	108	74,047	10,168	125	112	85,584	14,341	119	106
556,847	318,028	10	28	580,416	342,190	10	30	585,636	360,461	10	34
329,254	199,084	27	54	364,136	212,276	26	50	360,934	282,397	25	95
68,946	1,769	126	106	57,858	2,415	139	123	54,204	2,640	153	128
140,995	3,413	79	52	132,583	5,177	81	61	131,998	6,630	84	60
53,775	0	143	120	57,154	0	141	119	57,504	0	145	119
139,148	17,636	82	58	119,441	17,357	92	74	111,068	16,483	97	78
99,567	82,261	103	204	113,703	96,334	99	202	113,229	95,331	95	206
510,422	0	14	2	520,754	0	14	2	482,349	0	16	3
29,470	0	182	153	28,216	0	191	161	27,251	0	197	170
554,944	170,892	11	8	575,868	186,123	11	9	574,346	198,722	11	8
80,109	0	117	93	82,005	0	120	91	72,501	0	133	104
115,285	0	91	62	120,934	0	88	62	117,144	0	94	63
1,936,953	443,740	1	1	1,881,959	474,194	1	1	1,845,845	477,549	1	1
64,565	0	129	109	67,524	0	132	106	73,247	0	131	103
93,584	0	105	79	93,281	0	109	80	91,238	0	114	85
480,991	0	16	4	487,647	0	19	5	478,955	0	18	4
247,970	14,634	49	29	246,131	17,935	52	31	250,416	20,123	52	32
70,615	0	125	102	73,834	0	126	101	96,132	0	111	77
66,770	0	128	107	66,451	0	133	108	78,409	0	125	96
89,284	0	109	84	86,538	0	115	87	120,209	0	91	61
51,853	0	146	123	55,017	0	147	125	57,513	0	143	118
80,247	0	116	92	86,546	0	114	86	90,338	0	115	86
314,712	204,375	31	67	283,382	194,592	44	84	300,271	208,694	40	83
177,722	0	70	41	174,440	0	70	42	171,464	0	72	41
77,401	0	120	97	82,587	0	119	90	75,733	0	129	100
385,888	224,480	24	46	389,757	234,388	25	48	385,377	228,518	24	50
416,177	54,055	21	9	425,547	50,560	22	10	416,304	53,404	23	10
36,687	0	163	139	44,200	0	159	134	85,876	0	118	88
143,815	0	77	50	148,174	0	78	52	155,667	0	78	51
461,896	0	18	5	500,567	0	16	4	469,597	0	19	5
163,805	0	72	44	156,070	0	73	47	160,985	0	75	46
227,857	0	53	30	258,596	0	49	27	255,691	0	51	27

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

Institutions with Over \$40 Million in Federal Research excluding Stand Alone Medical Schools, Alphabetically		AAMC Med School	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
Private	Rensselaer Polytechnic Institute		48,887	0	153	127	59,417	0	136	114
Private	Rice University		82,643	0	116	91	73,817	0	122	100
Private	Rockefeller University		80,667	0	117	92	81,949	0	114	91
Public	Rutgers University - New Brunswick	Yes	318,123	49,191	36	21	320,311	47,981	35	22
Public	San Diego State University		42,062	0	158	132	43,526	0	154	131
Private	Scripps Research Institute		242,489	0	48	27	274,097	0	42	21
Private	Stanford University	Yes	668,578	433,557	4	29	645,633	411,680	4	28
Public	Stony Brook University	Yes	118,296	46,827	93	100	115,031	47,049	93	104
Public	Temple University	Yes	134,132	57,156	83	96	119,945	52,951	89	105
Public	Texas A&M University - College Station	Yes	281,015	15,533	41	22	291,714	14,231	38	19
Private	Tufts University	Yes	124,363	33,688	88	83	120,181	33,781	88	84
Private	Tulane University	Yes	89,028	22,385	108	104	84,143	23,605	109	112
Public	U.S. Air Force Academy		44,567	0	155	131	29,417	0	176	150
Public	University at Albany		74,092	0	122	98	78,824	0	118	94
Public	University at Buffalo	Yes	180,095	28,377	68	49	174,146	27,092	70	51
Public	University of Alabama - Birmingham	Yes	346,190	200,079	28	50	325,008	184,555	33	53
Public	University of Alabama - Huntsville		68,882	0	128	101	66,564	0	130	107
Public	University of Alaska - Fairbanks		87,829	0	110	86	78,985	0	117	93
Public	University of Arizona	Yes	259,443	44,579	46	32	265,878	42,269	46	31
Public	University of California - Berkeley		338,562	0	31	14	342,042	0	26	11
Public	University of California - Davis	Yes	334,534	81,256	32	25	322,919	89,513	34	29
Public	University of California - Irvine	Yes	170,674	47,567	71	60	170,622	48,250	72	59
Public	University of California - Los Angeles	Yes	479,718	267,024	17	34	482,771	276,847	16	35
Public	University of California - Riverside	Yes	69,924	5,341	125	107	62,642	2,737	133	113
Public	University of California - San Diego	Yes	602,336	325,443	8	20	601,184	245,930	5	10
Public	University of California - Santa Barbara		114,884	0	95	66	114,596	0	94	67
Public	University of California - Santa Cruz		93,651	0	104	81	91,249	0	104	81
Public	University of Central Florida	Yes	80,365	4,821	118	97	81,788	5,022	115	97
Private	University of Chicago	Yes	293,557	176,108	39	65	290,776	180,683	39	70
Public	University of Cincinnati - Cincinnati	Yes	229,761	75,839	51	47	250,457	73,101	51	43
Public	University of Colorado - Boulder		360,827	0	25	10	341,828	0	27	12
Public	Univ. of Colorado - Denver/Anschutz Med.	Yes	289,757	161,098	40	55	266,147	144,216	45	60
Public	University of Connecticut - Storrs		99,926	0	101	73	91,837	0	103	80
Private	University of Dayton		97,635	0	102	75	74,548	0	121	99
Public	University of Delaware		108,378	0	98	69	109,258	0	97	71
Public	University of Florida	Yes	297,267	101,547	37	38	281,317	97,378	40	40
Public	University of Georgia		138,374	0	82	53	127,825	0	84	57
Public	University of Hawaii - Manoa	Yes	189,683	17,442	65	42	199,818	16,432	58	41
Public	University of Houston - University Park		58,085	0	138	115	54,516	0	139	119
Public	University of Idaho		50,083		150	1	49,591	0	147	123
Public	University of Illinois - Chicago	Yes	175,302	74,872	69	71	192,930	74,506	61	64
Public	University of Illinois - Urbana-Champaign		320,703	0	34	16	330,479	0	30	16
Public	University of Iowa	Yes	236,363	93,873	49	52	223,730	86,255	53	54
Public	University of Kansas - Lawrence		79,916	0	119	93	85,862	0	107	85
Public	University of Kentucky	Yes	152,708	51,723	77	70	145,097	49,066	80	76
Public	University of Louisville	Yes	69,781	42,716	126	160	66,100	43,342	131	177
Public	University of Maryland - Baltimore County		50,645	0	145	123	47,591	0	150	126
Public	University of Maryland - College Park		354,788	0	27	12	332,079	0	28	14
Public	University of Massachusetts - Amherst		97,576	0	103	76	97,206	0	101	74

## The Top American Research Universities

2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC	2013 Federal (x1000)	2013 AAMC Fed (x1000)	2013 Rank Incl AAMC	2013 Rank Excl AAMC	2012 Federal (x1000)	2012 AAMC Fed (x1000)	2012 Rank Incl AAMC	2012 Rank Excl AAMC
58,940	0	136	115	60,765	0	137	117	62,063	0	139	114
73,782	0	124	101	79,742	0	123	94	76,431	0	128	99
81,820	0	114	89	80,384	0	122	93	84,616	0	121	90
355,116	42,392	25	17	288,374	0	40	21	273,498	0	43	23
44,807	0	154	131	45,175	0	157	132	51,690	0	155	127
292,268	0	37	21	308,628	0	33	18	309,471	0	36	20
608,342	366,231	4	27	625,144	361,418	5	26	607,578	366,588	8	30
111,386	51,367	97	114	118,432	54,994	94	113	123,198	54,142	89	109
118,892	43,055	89	99	124,764	43,446	85	92	85,062	38,434	120	132
266,877	0	45	23	270,334	0	47	24	259,506	0	50	26
115,046	35,588	92	94	112,495	36,309	100	99	120,042	38,601	93	94
94,287	25,285	104	104	97,873	25,465	107	102	101,130	25,972	108	102
32,284	0	171	146	42,303	0	161	136	36,316	0	172	146
104,861	0	99	72	113,736	0	98	66	112,161	0	96	65
185,144	28,169	66	48	200,212	28,930	62	43	186,747	28,225	67	49
276,112	170,690	44	71	286,873	180,400	41	69	303,677	194,866	39	69
73,913	0	123	100	83,396	0	118	89	75,715	0	130	101
83,483	0	113	88	92,602	0	111	83	97,472	0	110	76
286,595	41,933	38	25	334,680	46,323	31	22	328,369	54,346	33	22
309,305	0	33	18	305,932	0	34	19	333,179	0	30	16
327,697	85,100	30	26	344,632	91,832	29	28	356,540	89,309	27	24
180,431	53,617	69	55	196,256	58,249	65	53	204,062	65,708	62	55
458,157	268,928	19	36	489,820	283,756	17	35	527,899	292,433	14	31
56,327	2,600	137	121	57,032	0	143	120	61,304	0	141	115
597,270	246,807	7	12	630,009	271,904	4	13	653,549	281,874	5	9
119,816	0	87	60	131,392	0	82	56	134,984	0	82	57
89,206	0	110	85	88,600	0	112	85	91,409	0	113	84
64,323	7,590	130	117	68,691	7,446	131	116	72,620	7,555	132	110
276,237	168,641	43	68	294,862	179,901	38	64	329,119	195,640	31	59
243,705	82,031	51	45	256,816	97,383	50	45	266,507	105,764	48	47
302,877	0	34	19	309,072	0	32	17	319,019	0	35	19
277,209	156,914	41	59	290,443	160,966	39	59	308,023	172,565	37	56
80,317	0	115	91	86,471	0	116	88	88,834	0	116	87
63,881	0	131	110	66,396	0	134	109	64,369	0	138	112
111,933	0	96	65	114,048	0	97	65	110,760	0	98	66
279,920	96,651	40	40	285,778	96,537	42	40	295,745	104,207	42	37
122,145	0	85	57	127,487	0	83	60	133,525	0	83	58
202,574	18,479	59	39	225,263	21,795	55	36	193,722	31,645	66	44
55,574	0	138	118	57,569	0	140	118	54,657	0	151	125
49,423	0	150	127	52,430	0	149	126	53,765	0	154	126
201,646	83,250	60	61	219,473	89,679	56	58	243,622	103,123	54	54
336,172	0	26	13	459,791	0	20	6	348,536	0	28	12
234,122	99,673	52	53	252,161	97,465	51	49	265,780	98,803	49	43
88,725	0	111	86	99,374	0	105	76	99,034	0	109	75
140,450	47,963	80	81	148,758	54,736	77	79	157,813	64,628	77	82
63,258	39,871	132	171	72,047	44,043	128	163	79,252	44,775	124	151
46,993	0	152	129	44,257	0	158	133	44,669	0	161	135
328,828	0	28	14	341,942	0	30	15	340,180	0	29	15
102,682	0	101	74	103,233	0	104	73	106,470	0	105	71

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

Institutions with Over \$40 Million in Federal Research excluding Stand Alone Medical Schools, Alphabetically		AAMC Med School	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
Private	University of Miami	Yes	194,346	108,757	62	89	192,691	109,899	62	87
Public	University of Michigan - Ann Arbor	Yes	780,080	304,267	3	5	728,712	293,618	3	6
Public	University of Minnesota - Twin Cities	Yes	462,570	131,858	19	15	468,482	135,686	18	13
Public	University of Missouri - Columbia	Yes	105,125	11,236	99	80	102,852	10,884	99	79
Public	University of Nebraska - Lincoln		93,532	0	105	82	94,763	0	102	78
Public	University of Nevada - Reno	Yes	51,630	13,682	143	141	49,977	13,482	146	138
Public	University of New Hampshire - Durham		89,457	0	107	85	83,106	0	111	86
Public	University of New Mexico - Albuquerque	Yes	153,100	57,477	76	78	151,619	54,920	76	75
Public	University of North Carolina - Chapel Hill	Yes	624,131	263,944	6	11	577,574	249,915	8	17
Public	University of North Dakota	Yes	42,253	9,576	157	148	37,457	9,318	163	155
Private	University of Notre Dame		85,870	0	112	88	82,615	0	112	88
Public	University of Oklahoma - Norman		72,153	0	123	99	69,520	0	125	116
Public	University of Oregon		55,137	0	140	118	56,448	0	138	118
Private	University of Pennsylvania	Yes	638,336	385,413	5	26	597,791	370,570	6	30
Public	University of Pittsburgh - Pittsburgh	Yes	575,281	363,744	10	35	554,658	344,314	10	33
Public	University of Rhode Island		58,438	0	137	114	61,085	0	134	111
Private	University of Rochester	Yes	265,430	140,747	44	58	261,023	141,609	47	63
Public	University of South Carolina - Columbia	Yes	88,231	10,078	109	95	84,723	9,758	108	98
Public	University of South Florida - Tampa	Yes	210,823	65,998	57	51	196,215	59,162	59	55
Private	University of Southern California	Yes	396,197	142,085	23	24	408,105	149,851	21	24
Public	University of Tennessee - Knoxville		125,528	0	85	56	116,928	0	92	65
Public	University of Texas - Austin	Yes	340,181	335	30	13	331,388	81	29	15
Public	University of Texas - El Paso		41,384	0	159	133	40,334	0	158	134
Public	University of Utah	Yes	224,270	93,624	53	54	270,311	91,280	43	42
Public	University of Vermont	Yes	83,124	54,441	114	155	83,733	54,792	110	152
Public	University of Virginia	Yes	198,760	101,474	60	77	186,676	96,694	66	82
Public	University of Washington - Seattle	Yes	893,050	370,953	2	3	851,573	347,903	2	3
Public	University of Wisconsin - Madison	Yes	548,247	130,592	14	7	506,910	122,693	14	7
Public	University of Wyoming		63,223	0	133	109	47,232	0	151	128
Public	Utah State University		124,981	0	86	57	119,811	0	90	62
Private	Vanderbilt University	Yes	395,505	275,177	24	63	390,701	308,597	23	90
Public	Virginia Commonwealth University	Yes	124,962	58,995	87	105	123,665	52,213	86	102
Public	Virginia Polytechnic Institute and St. Univ.		190,975	0	63	39	191,080	0	63	37
Private	Wake Forest University	Yes	140,651	131,030	79	244	148,084	142,284	78	277
Public	Washington State University - Pullman		122,275	0	91	61	121,627	0	87	61
Private	Washington University in St. Louis	Yes	436,229	337,671	20	74	424,723	326,558	20	72
Public	Wayne State University	Yes	109,460	61,442	96	128	108,221	60,982	98	127
Public	West Virginia University	Yes	70,313	12,548	124	116	66,608	7,541	129	115
Private	Woods Hole Oceanographic Institution		166,010	0	72	43	172,995	0	71	44
Private	Yale University	Yes	494,504	373,527	16	62	471,381	343,791	17	58
Private	Yeshiva University	Yes	218,787	156,329	54	110	180,791	169,894	69	232

## The Top American Research Universities

2014 Federal (x1000)	2014 AAMC Fed (x1000)	2014 Rank Incl AAMC	2014 Rank Excl AAMC	2013 Federal (x1000)	2013 AAMC Fed (x1000)	2013 Rank Incl AAMC	2013 Rank Excl AAMC	2012 Federal (x1000)	2012 AAMC Fed (x1000)	2012 Rank Incl AAMC	2012 Rank Excl AAMC
202,818	121,723	58	90	204,315	128,068	61	98	222,535	137,831	58	89
733,779	297,638	3	6	802,114	351,344	3	7	773,766	346,182	3	6
483,542	121,874	15	10	489,318	122,906	18	11	480,531	133,996	17	13
102,784	12,916	100	82	108,305	15,262	101	81	110,446	17,060	100	81
93,190	0	106	80	96,177	0	108	78	103,294	0	107	72
50,904	18,516	147	144	53,898	16,304	148	144	55,150	12,733	148	139
89,640	0	107	83	92,778	0	110	82	109,728	0	103	68
151,082	50,456	75	75	155,684	51,883	74	72	159,302	58,742	76	74
601,933	248,809	6	11	614,627	251,314	8	12	597,629	245,751	9	11
40,191	7,813	160	145	46,397	8,343	156	141	54,411	7,075	152	131
79,192	0	119	95	79,268	0	124	95	82,244	0	123	93
53,223	0	145	122	68,902	0	130	105	64,427	0	137	111
62,824	0	133	111	61,856	0	136	114	71,157	0	134	107
606,115	380,930	5	31	623,939	378,442	6	29	656,425	409,124	4	28
565,409	350,989	9	32	601,358	378,103	9	32	620,070	394,640	7	33
61,836	0	134	113	70,900	0	129	103	78,194	0	126	97
265,686	153,839	46	66	298,781	161,624	36	55	307,390	163,923	38	52
87,844	10,920	112	98	87,562	11,690	113	100	93,237	9,631	112	91
205,155	59,544	57	49	207,441	58,369	60	51	218,772	58,598	59	48
421,887	155,039	20	24	423,708	158,878	23	25	433,136	172,842	20	25
122,120	0	86	69	122,051	0	86	71	120,933	0	90	73
313,955	0	32	16	352,788	0	27	14	328,560	0	32	17
34,528	0	166	141	37,741	0	165	143	39,274	0	167	142
284,125	95,267	39	37	297,099	97,559	37	37	271,629	94,348	46	40
79,727	51,878	118	156	85,028	54,038	117	154	87,843	58,658	117	164
192,907	89,693	63	73	212,051	101,570	59	67	225,558	114,932	57	67
849,713	341,694	2	3	869,623	349,868	2	3	876,941	374,242	2	2
522,251	129,396	13	7	533,220	129,162	13	8	557,688	136,066	13	7
39,778	0	162	136	52,296	0	150	127	55,663	0	147	123
114,075	0	93	63	106,074	0	103	70	107,054	0	104	70
408,743	310,219	23	76	432,752	325,195	21	68	430,445	336,334	22	80
119,507	51,909	88	105	119,293	52,514	93	107	124,836	53,683	88	108
198,092	0	62	35	197,462	0	64	38	181,371	0	69	39
153,069	145,964	74	265	156,506	149,306	72	274	172,779	165,233	70	277
112,568	0	95	64	119,921	0	90	63	120,146	0	92	62
410,115	313,053	22	77	402,702	338,572	24	110	432,434	361,056	21	105
112,608	65,542	94	128	118,217	66,565	95	128	125,965	69,446	86	122
67,450	10,396	127	116	72,677	11,002	127	115	77,981	13,679	127	113
177,616	0	71	42	158,672	0	71	46	161,115	0	74	45
475,585	349,194	17	56	502,439	371,094	15	57	517,072	400,686	15	64
186,885	174,705	64	226	193,831	170,068	66	177	201,397	192,659	64	265



## Part III – The Top 200 Institutions

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

*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:

- **2016 Total Research Expenditures**
- **2016 Federal Research Expenditures**
- **2017 Endowment Assets**
- **2017 Annual Giving**
- **2017 National Academy Membership**
- **2017 Faculty Awards**
- **2017 Doctorates Awarded**
- **2016 Postdoctoral Appointees**
- **2016 SAT Scores**
- **2017 National Merit and Achievement 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 (2016)

Top 1-50 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	2,425,199	1	1	Private
University of Michigan - Ann Arbor	1,357,228	2	1	Public
University of California - San Francisco	1,294,261	3	2	Public
University of Washington - Seattle	1,197,773	4	3	Public
University of Pennsylvania	1,140,833	5	2	Private
University of California - San Diego	1,079,429	6	4	Public
University of Wisconsin - Madison	1,051,311	7	5	Public
Duke University	1,044,046	8	3	Private
University of North Carolina - Chapel Hill	1,013,128	9	6	Public
Stanford University	1,012,351	10	4	Private
Harvard University	1,011,950	11	5	Private
University of California - Los Angeles	1,002,013	12	7	Public
University of Pittsburgh - Pittsburgh	880,508	13	8	Public
Massachusetts Institute of Technology	880,111	14	6	Private
University of Minnesota - Twin Cities	872,514	15	9	Public
Yale University	865,970	16	7	Private
Texas A&M University - College Station	859,952	17	10	Public
University of Texas MD Anderson Cancer Center	852,095	18	11	Public
Columbia University	793,710	19	8	Private
Georgia Institute of Technology	780,118	20	12	Public
New York University	751,393	21	9	Private
Ohio State University - Columbus	751,293	22	13	Public
University of Florida	741,945	23	14	Public
University of California - Berkeley	734,486	24	15	Public
Washington University in St. Louis	726,622	25	10	Private
University of California - Davis	726,070	26	16	Public
Pennsylvania State University - University Park	704,687	27	17	Public
Northwestern University	684,767	28	11	Private
University of Southern California	662,029	29	12	Private
Vanderbilt University	612,351	30	13	Private
Rutgers University - New Brunswick	610,648	31	18	Public
Emory University	597,971	32	14	Private
University of Arizona	592,412	33	19	Public
Cornell University	588,513	34	15	Private
University of Illinois - Urbana-Champaign	587,264	35	20	Public
Michigan State University	573,204	36	21	Public
Baylor College of Medicine	572,527	37	16	Private
University of Texas - Austin	565,708	38	22	Public
Icahn School of Medicine at Mount Sinai	540,296	39	17	Private
University of Alabama - Birmingham	531,492	40	23	Public
Purdue University - West Lafayette	517,879	41	24	Public
University of Maryland - College Park	517,173	42	25	Public
Virginia Polytechnic Institute and State University	512,333	43	26	Public
North Carolina State University	479,039	44	27	Public
Indiana University - Bloomington	471,055	45	28	Public
University of South Florida - Tampa	447,812	46	29	Public
University of Iowa	447,718	47	30	Public
University of Texas SW Medical Center - Dallas	442,666	48	31	Public
Arizona State University	441,411	49	32	Public
University of Colorado - Boulder	433,850	50	33	Public



The Top 200 Institutions – Total Research Expenditures (2016)

Top 51-100 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Colorado - Denver/Anschutz Medical	432,693	51	34	Public
Case Western Reserve University	403,827	52	18	Private
University of Chicago	402,491	53	19	Private
University of Cincinnati - Cincinnati	401,701	54	35	Public
Boston University	379,117	55	20	Private
University of Maryland - Baltimore	375,130	56	36	Public
University at Buffalo	373,308	57	37	Public
University of Virginia	367,926	58	38	Public
Weill Cornell Medical College	367,671	59	21	Private
Scripps Research Institute	364,670	60	22	Private
University of Georgia	360,520	61	39	Public
California Institute of Technology	356,204	62	23	Private
University of Miami	355,690	63	24	Private
University of Rochester	344,489	64	25	Private
University of Kentucky	340,295	65	40	Public
Yeshiva University	335,790	66	26	Private
Rockefeller University	335,136	67	27	Private
Oregon Health & Science University	329,414	68	41	Public
University of California - Irvine	325,582	69	42	Public
Colorado State University - Fort Collins	323,068	70	43	Public
University of Utah	322,670	71	44	Public
Iowa State University	316,822	72	45	Public
State Univ. of New York - Polytechnic Institute	316,680	73	46	Public
University of Illinois - Chicago	314,365	74	47	Public
Washington State University - Pullman	307,431	75	48	Public
Carnegie Mellon University	304,383	76	28	Private
University of Hawaii - Manoa	300,864	77	49	Public
Princeton University	285,733	78	29	Private
Louisiana State University - Baton Rouge	282,574	79	50	Public
University of Nebraska - Lincoln	264,485	80	51	Public
Medical University of South Carolina	260,098	81	52	Public
Uniformed Services University of the Health Sciences	256,203	82	53	Public
University of Massachusetts Medical Sch. - Worcester	253,099	83	54	Public
Oregon State University	252,541	84	55	Public
University of Tennessee - Knoxville	246,376	85	56	Public
Florida State University	243,327	86	57	Public
University of Missouri - Columbia	238,605	87	58	Public
University of Texas Health Science Center - Houston	237,016	88	59	Public
Brown University	235,373	89	30	Private
Temple University	232,379	90	60	Public
Mississippi State University	229,939	91	61	Public
Stony Brook University	227,942	92	62	Public
University of New Mexico - Albuquerque	227,591	93	63	Public
Dartmouth College	224,497	94	31	Private
University of California - Santa Barbara	219,907	95	64	Public
George Washington University	214,984	96	32	Private
Wayne State University	214,306	97	65	Public
Woods Hole Oceanographic Institution	212,374	98	33	Private
Virginia Commonwealth University	202,150	99	66	Public
Medical College of Wisconsin	199,925	100	34	Private

The Top 200 Institutions – Total Research Expenditures (2016)

Top 101-150 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Texas Health Science Ctr. - San Antonio	194,885	101	67	Public
University of Massachusetts - Amherst	193,863	102	68	Public
University of Central Florida	187,569	103	69	Public
University of South Carolina - Columbia	183,478	104	70	Public
Kansas State University	181,933	105	71	Public
Tufts University	181,011	106	35	Private
University of Texas Medical Branch - Galveston	179,541	107	72	Public
University of Connecticut - Storrs	179,061	108	73	Public
Utah State University	178,830	109	74	Public
University of Notre Dame	175,187	110	36	Private
Wake Forest University	169,533	111	37	Private
University of Delaware	169,384	112	75	Public
West Virginia University	164,501	113	76	Public
University of Louisville	164,371	114	77	Public
University of Kansas - Lawrence	164,291	115	78	Public
Georgetown University	162,734	116	38	Private
Tulane University	153,298	117	39	Private
North Dakota State University	152,106	118	79	Public
Rice University	151,855	119	40	Private
University of Nebraska Medical Center	150,694	120	80	Public
Oklahoma State University - Stillwater	150,167	121	81	Public
Auburn University	149,411	122	82	Public
University of California - Riverside	147,268	123	83	Public
University of California - Santa Cruz	146,237	124	84	Public
University of Houston - University Park	142,081	125	85	Public
University of Alaska - Fairbanks	141,976	126	86	Public
University of New Hampshire - Durham	136,006	127	87	Public
Florida International University	133,831	128	88	Public
Clemson University	133,342	129	89	Public
Texas Tech University	132,766	130	90	Public
University of Arkansas - Fayetteville	132,648	131	91	Public
University of Oklahoma - Norman	130,746	132	92	Public
University of Arkansas for Medical Sciences	125,378	133	93	Public
Thomas Jefferson University	122,396	134	41	Private
Northeastern University	121,574	135	42	Private
Drexel University	120,789	136	43	Private
University of Vermont	115,606	137	94	Public
University of Dayton	111,363	138	44	Private
University of Oklahoma - Health Sciences Center	109,493	139	95	Public
New Mexico State University - Las Cruces	108,935	140	96	Public
University of Wyoming	108,552	141	97	Public
University at Albany	105,605	142	98	Public
Pennsylvania State University - Hershey Medical Ctr.	105,298	143	99	Public
Georgia State University	103,731	144	100	Public
Montana State University - Bozeman	102,179	145	101	Public
University of Idaho	99,354	146	102	Public
University of Texas - Dallas	99,328	147	103	Public
New Jersey Institute of Technology	95,235	148	104	Public
Rensselaer Polytechnic Institute	93,907	149	45	Private
George Mason University	92,649	150	105	Public

The Top 200 Institutions – Total Research Expenditures (2016)

Top 151-200 Institutions in Total Research Expenditures	Total Research x \$1000	National Rank	Control Rank	Institutional Control
University of Alabama - Huntsville	91,549	151	106	Public
University of Nevada - Reno	90,673	152	107	Public
University of Rhode Island	90,562	153	108	Public
Cold Spring Harbor Laboratory	88,943	154	46	Private
University of Texas - Arlington	82,355	155	109	Public
University of Texas - El Paso	80,981	156	110	Public
University of Connecticut - Health Center	78,897	157	111	Public
University of Maine - Orono	78,576	158	112	Public
University of Kansas Medical Center	77,365	159	113	Public
Binghamton University	75,332	160	114	Public
San Diego State University	74,504	161	115	Public
Rush University	73,351	162	47	Private
University of Tennessee Health Science Center	71,547	163	116	Public
Augusta University	71,338	164	117	Public
Cleveland State University	70,665	165	118	Public
University of Montana - Missoula	69,994	166	119	Public
University of Maryland - Baltimore County	69,404	167	120	Public
University of North Dakota	69,145	168	121	Public
Michigan Technological University	68,863	169	122	Public
University of Oregon	68,631	170	123	Public
City University of NY - City College	61,354	171	124	Public
South Dakota State University	60,582	172	125	Public
Colorado School of Mines	59,576	173	126	Public
University of Louisiana - Lafayette	58,984	174	127	Public
University of Massachusetts - Lowell	58,437	175	128	Public
University of Akron - Akron	57,351	176	129	Public
Brandeis University	56,871	177	48	Private
University of Mississippi - Oxford	56,147	178	130	Public
Ohio University - Athens	55,828	179	131	Public
Wright State University - Dayton	55,241	180	132	Public
Naval Postgraduate School	54,558	181	133	Public
College of William and Mary	54,491	182	134	Public
Syracuse University	53,864	183	49	Private
University of Alabama - Tuscaloosa	53,395	184	135	Public
Southern Illinois University - Carbondale	53,172	185	136	Public
Old Dominion University	53,097	186	137	Public
Wichita State University	53,092	187	138	Public
Univ. of Maryland Center for Environmental Science	52,861	188	139	Public
Indiana University-Purdue University - Indianapolis	52,050	189	140	Public
University of Wisconsin - Milwaukee	50,661	190	141	Public
U.S. Air Force Academy	50,659	191	142	Public
University of North Texas Health Science Center	50,567	192	143	Public
University of Nevada - Las Vegas	49,405	193	144	Public
University of Texas - San Antonio	49,383	194	145	Public
University of Southern Mississippi	47,195	195	146	Public
University of Mississippi Medical Center	46,513	196	147	Public
University of Puerto Rico - Medical Sciences	46,232	197	148	Public
University of Toledo	45,687	198	149	Public
Louisiana State University HSC - New Orleans	43,067	199	150	Public
University of South Alabama - Mobile	42,466	200	151	Public

The Top 200 Institutions – Federal Research Expenditures (2016)

Top 1-50 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Johns Hopkins University	2,100,097	1	1	Private
University of Washington - Seattle	893,050	2	1	Public
University of Michigan - Ann Arbor	780,080	3	2	Public
Stanford University	668,578	4	2	Private
University of Pennsylvania	638,336	5	3	Private
University of North Carolina - Chapel Hill	624,131	6	3	Public
University of California - San Francisco	602,705	7	4	Public
University of California - San Diego	602,336	8	5	Public
Columbia University	585,578	9	4	Private
University of Pittsburgh - Pittsburgh	575,281	10	6	Public
Duke University	574,738	11	5	Private
Georgia Institute of Technology	567,100	12	7	Public
Harvard University	549,539	13	6	Private
University of Wisconsin - Madison	548,247	14	8	Public
Massachusetts Institute of Technology	501,702	15	7	Private
Yale University	494,504	16	8	Private
University of California - Los Angeles	479,718	17	9	Public
Pennsylvania State University - University Park	463,244	18	10	Public
University of Minnesota - Twin Cities	462,570	19	11	Public
Washington University in St. Louis	436,229	20	9	Private
Northwestern University	424,638	21	10	Private
Ohio State University - Columbus	418,887	22	12	Public
University of Southern California	396,197	23	11	Private
Vanderbilt University	395,505	24	12	Private
University of Colorado - Boulder	360,827	25	13	Public
Emory University	360,197	26	13	Private
University of Maryland - College Park	354,788	27	14	Public
University of Alabama - Birmingham	346,190	28	15	Public
Icahn School of Medicine at Mount Sinai	342,104	29	14	Private
University of Texas - Austin	340,181	30	16	Public
University of California - Berkeley	338,562	31	17	Public
University of California - Davis	334,534	32	18	Public
New York University	332,483	33	15	Private
University of Illinois - Urbana-Champaign	320,703	34	19	Public
Case Western Reserve University	320,402	35	16	Private
Rutgers University - New Brunswick	318,123	36	20	Public
University of Florida	297,267	37	21	Public
Michigan State University	294,369	38	22	Public
University of Chicago	293,557	39	17	Private
University of Colorado - Denver/Anschutz Medical	289,757	40	23	Public
Texas A&M University - College Station	281,015	41	24	Public
Cornell University	280,461	42	18	Private
Baylor College of Medicine	267,849	43	19	Private
University of Rochester	265,430	44	20	Private
California Institute of Technology	260,489	45	21	Private
University of Arizona	259,443	46	25	Public
Boston University	250,523	47	22	Private
Scripps Research Institute	242,489	48	23	Private
University of Iowa	236,363	49	26	Public
Oregon Health & Science University	230,608	50	27	Public

The Top 200 Institutions – Federal Research Expenditures (2016)

Top 51-100 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
University of Cincinnati - Cincinnati	229,761	51	28	Public
Colorado State University - Fort Collins	227,624	52	29	Public
University of Utah	224,270	53	30	Public
Yeshiva University	218,787	54	24	Private
Indiana University - Bloomington	216,917	55	31	Public
Purdue University - West Lafayette	214,373	56	32	Public
University of South Florida - Tampa	210,823	57	33	Public
University of Maryland - Baltimore	200,698	58	34	Public
Arizona State University	200,280	59	35	Public
University of Virginia	198,760	60	36	Public
North Carolina State University	197,261	61	37	Public
University of Miami	194,346	62	25	Private
Virginia Polytechnic Institute and State University	190,975	63	38	Public
Carnegie Mellon University	190,620	64	26	Private
University of Hawaii - Manoa	189,683	65	39	Public
University of Texas SW Medical Center - Dallas	185,263	66	40	Public
University of Massachusetts Medical Sch. - Worcester	181,446	67	41	Public
University at Buffalo	180,095	68	42	Public
University of Illinois - Chicago	175,302	69	43	Public
Uniformed Services University of the Health Sciences	175,007	70	44	Public
University of California - Irvine	170,674	71	45	Public
Woods Hole Oceanographic Institution	166,010	72	27	Private
Princeton University	161,562	73	28	Private
Oregon State University	156,437	74	46	Public
University of Texas MD Anderson Cancer Center	155,044	75	47	Public
University of New Mexico - Albuquerque	153,100	76	48	Public
University of Kentucky	152,708	77	49	Public
Weill Cornell Medical College	147,479	78	29	Private
Wake Forest University	140,651	79	30	Private
George Washington University	138,735	80	31	Private
Dartmouth College	138,641	81	32	Private
University of Georgia	138,374	82	50	Public
Temple University	134,132	83	51	Public
Brown University	131,751	84	33	Private
University of Tennessee - Knoxville	125,528	85	52	Public
Utah State University	124,981	86	53	Public
Virginia Commonwealth University	124,962	87	54	Public
Tufts University	124,363	88	34	Private
Iowa State University	124,242	89	55	Public
Medical University of South Carolina	124,212	90	56	Public
Washington State University - Pullman	122,275	91	57	Public
University of Texas Health Science Center - Houston	121,098	92	58	Public
Stony Brook University	118,296	93	59	Public
Florida State University	118,294	94	60	Public
University of California - Santa Barbara	114,884	95	61	Public
Wayne State University	109,460	96	62	Public
Medical College of Wisconsin	108,529	97	35	Private
University of Delaware	108,378	98	63	Public
University of Missouri - Columbia	105,125	99	64	Public
University of Texas Medical Branch - Galveston	100,464	100	65	Public

The Top 200 Institutions – Federal Research Expenditures (2016)

Top 101-150 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
University of Connecticut - Storrs	99,926	101	66	Public
University of Dayton	97,635	102	36	Private
University of Massachusetts - Amherst	97,576	103	67	Public
University of California - Santa Cruz	93,651	104	68	Public
University of Nebraska - Lincoln	93,532	105	69	Public
University of Texas Health Science Ctr - San Antonio	89,742	106	70	Public
University of New Hampshire - Durham	89,457	107	71	Public
Tulane University	89,028	108	37	Private
University of South Carolina - Columbia	88,231	109	72	Public
University of Alaska - Fairbanks	87,829	110	73	Public
Mississippi State University	86,570	111	74	Public
University of Notre Dame	85,870	112	38	Private
Louisiana State University - Baton Rouge	84,954	113	75	Public
University of Vermont	83,124	114	76	Public
Georgetown University	82,819	115	39	Private
Rice University	82,643	116	40	Private
Rockefeller University	80,667	117	41	Private
University of Central Florida	80,365	118	77	Public
University of Kansas - Lawrence	79,916	119	78	Public
Northeastern University	78,668	120	42	Private
University of Nebraska Medical Center	76,221	121	79	Public
University at Albany	74,092	122	80	Public
University of Oklahoma - Norman	72,153	123	81	Public
West Virginia University	70,313	124	82	Public
University of California - Riverside	69,924	125	83	Public
University of Louisville	69,781	126	84	Public
Pennsylvania State University - Hershey Medical Ctr.	69,425	127	85	Public
University of Alabama - Huntsville	68,882	128	86	Public
Florida International University	68,539	129	87	Public
Kansas State University	67,863	130	88	Public
Drexel University	65,193	131	43	Private
New Jersey Institute of Technology	63,322	132	89	Public
University of Wyoming	63,223	133	90	Public
New Mexico State University - Las Cruces	61,494	134	91	Public
Montana State University - Bozeman	61,490	135	92	Public
Thomas Jefferson University	58,866	136	44	Private
University of Rhode Island	58,438	137	93	Public
University of Houston - University Park	58,085	138	94	Public
University of Oklahoma - Health Sciences Center	56,107	139	95	Public
University of Oregon	55,137	140	96	Public
Auburn University	54,258	141	97	Public
Clemson University	52,184	142	98	Public
University of Nevada - Reno	51,630	143	99	Public
George Mason University	50,687	144	100	Public
University of Maryland - Baltimore County	50,645	145	101	Public
Naval Postgraduate School	50,560	146	102	Public
Cold Spring Harbor Laboratory	50,478	147	45	Private
Rush University	50,332	148	46	Private
Augusta University	50,294	149	103	Public
University of Idaho	50,083	150	104	Public

The Top 200 Institutions – Federal Research Expenditures (2016)

Top 151-200 Institutions in Federal Research Expenditures	Federal Research x \$1000	National Rank	Control Rank	Institutional Control
Cleveland State University	49,659	151	105	Public
University of Arkansas for Medical Sciences	48,999	152	106	Public
Rensselaer Polytechnic Institute	48,887	153	47	Private
Brandeis University	47,708	154	48	Private
U.S. Air Force Academy	44,567	155	107	Public
University of Connecticut - Health Center	44,029	156	108	Public
University of North Dakota	42,253	157	109	Public
San Diego State University	42,062	158	110	Public
University of Texas - El Paso	41,384	159	111	Public
Oklahoma State University - Stillwater	41,186	160	112	Public
Georgia State University	40,897	161	113	Public
University of Arkansas - Fayetteville	39,527	162	114	Public
University of Montana - Missoula	38,726	163	115	Public
University of Tennessee Health Science Center	38,374	164	116	Public
University of Kansas Medical Center	37,633	165	117	Public
City University of NY - City College	37,359	166	118	Public
North Dakota State University	34,792	167	119	Public
Colorado School of Mines	34,708	168	120	Public
University of Texas - Dallas	34,532	169	121	Public
University of Maine - Orono	34,125	170	122	Public
University of Mississippi Medical Center	33,431	171	123	Public
University of Puerto Rico - Medical Sciences	33,348	172	124	Public
Howard University	32,967	173	49	Private
Louisiana State University HSC - New Orleans	31,526	174	125	Public
Wright State University - Dayton	30,093	175	126	Public
San Jose State University	30,021	176	127	Public
University of Mississippi - Oxford	29,941	177	128	Public
Michigan Technological University	29,609	178	129	Public
South Dakota State University	29,605	179	130	Public
Syracuse University	28,793	180	50	Private
College of William and Mary	28,771	181	131	Public
Morehouse School of Medicine	28,678	182	51	Private
Stevens Institute of Technology	28,090	183	52	Private
Florida A&M University	28,021	184	132	Public
Old Dominion University	27,556	185	133	Public
University of North Texas Health Science Center	27,163	186	134	Public
University of Alabama - Tuscaloosa	27,019	187	135	Public
University of Massachusetts - Lowell	26,499	188	136	Public
Saint Louis University - St. Louis	26,323	189	53	Private
State Univ. of New York - Downstate Medical Center	25,941	190	137	Public
University of Akron - Akron	25,362	191	138	Public
Portland State University	25,310	192	139	Public
Loyola University Chicago	24,916	193	54	Private
University of Toledo	24,860	194	140	Public
Worcester Polytechnic Institute	24,854	195	55	Private
University of Texas - Arlington	24,853	196	141	Public
Brigham Young University - Provo	24,791	197	56	Private
University of Nevada - Las Vegas	24,683	198	142	Public
Texas Tech University	24,586	199	143	Public
University of Texas - San Antonio	24,493	200	144	Public



The Top 200 Institutions – Endowment Assets (2017)

Top 1-50 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	36,021,516	1	1	Private
Yale University	27,176,100	2	2	Private
Stanford University	24,784,943	3	3	Private
Princeton University	23,812,241	4	4	Private
Massachusetts Institute of Technology	14,967,983	5	5	Private
University of Pennsylvania	12,213,202	6	6	Private
University of Texas - Austin	11,867,843	7	1	Public
University of Michigan - Ann Arbor	10,936,014	8	2	Public
Texas A&M University - College Station	10,908,003	9	3	Public
Northwestern University	10,436,692	10	7	Private
Columbia University	9,996,596	11	8	Private
University of Notre Dame	9,352,376	12	9	Private
Duke University	7,911,175	13	10	Private
Washington University in St. Louis	7,860,774	14	11	Private
University of Chicago	7,523,720	15	12	Private
Emory University	6,905,465	16	13	Private
University of Virginia	6,393,561	17	4	Public
Rice University	5,814,444	18	14	Private
Cornell University	5,298,076	19	15	Private
University of Southern California	5,128,459	20	16	Private
Dartmouth College	4,956,494	21	17	Private
University of California - Los Angeles	4,356,826	22	5	Public
University of California - Berkeley	4,271,453	23	6	Public
Ohio State University - Columbus	4,253,459	24	7	Public
Vanderbilt University	4,136,465	25	18	Private
New York University	3,991,638	26	19	Private
University of Pittsburgh - Pittsburgh	3,945,687	27	8	Public
Johns Hopkins University	3,844,918	28	20	Private
University of Minnesota - Twin Cities	3,493,641	29	9	Public
Brown University	3,245,531	30	21	Private
University of Wisconsin - Madison	3,101,888	31	10	Public
Michigan State University	3,075,113	32	11	Public
University of North Carolina - Chapel Hill	3,027,227	33	12	Public
California Institute of Technology	2,606,505	34	22	Private
University of California - San Francisco	2,545,101	35	13	Public
University of Washington - Seattle	2,529,250	36	14	Public
Williams College	2,508,773	37	23	Private
Purdue University - West Lafayette	2,424,872	38	15	Public
University of Richmond	2,373,506	39	24	Private
Boston College	2,317,300	40	25	Private
Amherst College	2,248,141	41	26	Private
Pomona College	2,167,019	42	27	Private
Carnegie Mellon University	2,154,098	43	28	Private
University of Rochester	2,121,390	44	29	Private
Pennsylvania State University - University Park	2,118,610	45	16	Public
Rockefeller University	2,049,344	46	30	Private
Georgia Institute of Technology	1,985,802	47	17	Public
Boston University	1,957,021	48	31	Private
Swarthmore College	1,955,532	49	32	Private
Wellesley College	1,930,752	50	33	Private



The Top 200 Institutions – Endowment Assets (2017)

Top 51-100 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Grinnell College	1,871,046	51	34	Private
Virginia Commonwealth University	1,843,001	52	18	Public
University of Texas SW Medical Center - Dallas	1,819,970	53	19	Public
Case Western Reserve University	1,798,790	54	35	Private
Smith College	1,767,466	55	36	Private
Tufts University	1,738,706	56	37	Private
George Washington University	1,729,147	57	38	Private
Brigham Young University - Provo	1,720,824	58	39	Private
Georgetown University	1,661,745	59	40	Private
University of Illinois - Urbana-Champaign	1,659,338	60	20	Public
University of Florida	1,612,003	61	21	Public
Washington and Lee University	1,547,135	62	41	Private
Texas Christian University	1,520,622	63	42	Private
Southern Methodist University	1,514,607	64	43	Private
Weill Cornell Medical College	1,459,674	65	44	Private
Bowdoin College	1,455,909	66	45	Private
University of Iowa	1,387,001	67	22	Public
University of Delaware	1,364,057	68	23	Public
University of California - San Diego	1,339,164	69	24	Public
University of Texas MD Anderson Cancer Center	1,317,622	70	25	Public
Tulane University	1,288,374	71	46	Private
University of Kentucky	1,285,114	72	26	Public
University of Cincinnati - Cincinnati	1,282,743	73	27	Public
Lehigh University	1,278,120	74	47	Private
Syracuse University	1,258,728	75	48	Private
University of Kansas - Lawrence	1,248,665	76	28	Public
Baylor University	1,230,958	77	49	Private
Wake Forest University	1,205,323	78	50	Private
Trinity University	1,194,250	79	51	Private
Baylor College of Medicine	1,166,562	80	52	Private
University of Georgia	1,151,904	81	29	Public
Berea College	1,150,360	82	53	Private
Saint Louis University - St. Louis	1,146,865	83	54	Private
University of Utah	1,127,686	84	30	Public
North Carolina State University	1,122,899	85	31	Public
University of California - Davis	1,107,701	86	32	Public
University of Oklahoma - Norman	1,104,778	87	33	Public
Indiana University - Purdue University - Indianapolis	1,087,532	88	34	Public
Indiana University - Bloomington	1,081,730	89	35	Public
Middlebury College	1,073,976	90	55	Private
Princeton Theological Seminary	1,066,351	91	56	Private
Juilliard School	1,046,080	92	57	Private
University of Tulsa	1,026,476	93	58	Private
Vassar College	1,002,570	94	59	Private
University of Arkansas - Fayetteville	996,019	95	36	Public
Virginia Polytechnic Institute and State University	995,807	96	37	Public
Rutgers University - New Brunswick	985,463	97	38	Public
Brandeis University	976,887	98	60	Private
Washington State University - Pullman	974,029	99	39	Public
University of Missouri - Columbia	970,162	100	40	Public

The Top 200 Institutions – Endowment Assets (2017)

Top 101-150 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Berry College	959,996	101	61	Private
University of Nebraska - Lincoln	958,039	102	41	Public
University of Miami	948,579	103	62	Private
Santa Clara University	905,858	104	63	Private
Hamilton College (NY)	905,759	105	64	Private
Wesleyan University	897,800	106	65	Private
Colgate University	881,323	107	66	Private
Medical College of Wisconsin	875,817	108	67	Private
College of William and Mary	874,081	109	42	Public
University of California - Irvine	869,491	110	43	Public
Pepperdine University	861,613	111	68	Private
Loma Linda University	848,070	112	69	Private
MCPHS University	847,845	113	70	Private
Bryn Mawr College	845,864	114	71	Private
University of Arizona	843,529	115	44	Public
Rochester Institute of Technology	842,305	116	72	Private
Iowa State University	838,871	117	45	Public
Oberlin College	838,199	118	73	Private
University of Oregon	828,459	119	46	Public
Carleton College	828,168	120	74	Private
University of Alabama - Tuscaloosa	824,501	121	47	Public
Bucknell University	800,765	122	75	Private
Cooper Union for the Advancement of Science & Art	798,919	123	76	Private
Lafayette College	790,304	124	77	Private
Claremont McKenna College	784,363	125	78	Private
Denison University	782,544	126	79	Private
Northeastern University	778,948	127	80	Private
Colby College	775,129	128	81	Private
University of South Carolina - Columbia	770,782	129	48	Public
College of the Holy Cross	748,948	130	82	Private
Macalester College	747,748	131	83	Private
Colorado College	743,175	132	84	Private
Auburn University	738,018	133	49	Public
Mount Holyoke College	729,438	134	85	Private
Texas Tech University	729,244	135	50	Public
University of Louisville	719,001	136	51	Public
St. John's University (NY)	716,485	137	86	Private
Davidson College	716,203	138	87	Private
University of Denver	711,346	139	88	Private
Drexel University	707,650	140	89	Private
Fordham University	691,077	141	90	Private
Clemson University	682,736	142	52	Public
Principia College	682,373	143	91	Private
Rensselaer Polytechnic Institute	677,231	144	92	Private
Icahn School of Medicine at Mount Sinai	675,121	145	93	Private
DePauw University	669,139	146	94	Private
Arizona State University	665,488	147	53	Public
Furman University	661,046	148	95	Private
University of Tennessee - Knoxville	659,489	149	54	Public
University at Buffalo	659,156	150	55	Public

The Top 200 Institutions – Endowment Assets (2017)

Top 151-200 Institutions in Endowment Assets	Endowment Assets x \$1000	National Rank	Control Rank	Institutional Control
Oregon Health & Science University	655,992	151	56	Public
American University	647,138	152	96	Private
Howard University	646,556	153	97	Private
Villanova University	645,568	154	98	Private
National University	645,465	155	99	Private
Yeshiva University	644,570	156	100	Private
Florida State University	639,371	157	57	Public
Marquette University	626,169	158	101	Private
University of Mississippi - Oxford	597,186	159	58	Public
University of Colorado - Boulder	596,407	160	59	Public
Rush University	595,869	161	102	Private
Loyola University Chicago	595,819	162	103	Private
Temple University	581,960	163	60	Public
Trinity College (CT)	577,376	164	104	Private
Hillsdale College	574,577	165	105	Private
West Virginia University	566,426	166	61	Public
University of South Alabama - Mobile	555,735	167	62	Public
University of Texas Health Science Ct.r - San Antonio	550,950	168	63	Public
Oregon State University	549,448	169	64	Public
University of Oklahoma - Health Sciences Center	541,406	170	65	Public
University of Texas Medical Branch - Galveston	539,846	171	66	Public
Reed College	539,668	172	106	Private
Thomas Jefferson University	539,088	173	107	Private
Ohio University - Athens	536,197	174	67	Public
Creighton University	525,581	175	108	Private
University of Dayton	524,186	176	109	Private
University of Vermont	521,867	177	68	Public
University of Maryland - College Park	518,808	178	69	Public
Whitman College	518,290	179	110	Private
Hofstra University	516,319	180	111	Private
Miami University - Oxford	512,400	181	70	Public
Haverford College	511,533	182	112	Private
Kansas State University	506,232	183	71	Public
University of San Diego	503,568	184	113	Private
Worcester Polytechnic Institute	502,471	185	114	Private
University of Wyoming	500,299	186	72	Public
Pennsylvania State University - Hershey Medical Ctr.	498,497	187	73	Public
St. Olaf College	493,886	188	115	Private
University of Colorado - Denver/Anschutz Medical	493,142	189	74	Public
DePaul University	492,399	190	116	Private
University of St. Thomas (MN)	488,334	191	117	Private
University of Texas - Dallas	482,832	192	75	Public
Quinnipiac University	481,626	193	118	Private
University of Alabama - Birmingham	475,558	194	76	Public
Mississippi State University	470,238	195	77	Public
College of the Ozarks	459,302	196	119	Private
Louisiana State University - Baton Rouge	457,333	197	78	Public
Loyola Marymount University	454,478	198	120	Private
University of Houston - University Park	453,268	199	79	Public
Wheaton College (IL)	446,376	200	121	Private

The Top 200 Institutions – Annual Giving (2017)

Top 1-50 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Harvard University	1,283,740	1	1	Private
Stanford University	1,129,330	2	2	Private
Massachusetts Institute of Technology	672,939	3	3	Private
University of Southern California	668,332	4	4	Private
Johns Hopkins University	636,911	5	5	Private
University of Pennsylvania	626,485	6	6	Private
Cornell University	621,155	7	7	Private
Columbia University	603,077	8	8	Private
Yale University	595,886	9	9	Private
Duke University	581,051	10	10	Private
New York University	567,121	11	11	Private
University of Washington - Seattle	553,891	12	1	Public
University of California - Los Angeles	550,934	13	2	Public
University of Chicago	483,470	14	12	Private
University of Michigan - Ann Arbor	456,132	15	3	Public
University of Notre Dame	451,433	16	13	Private
University of California - San Francisco	422,172	17	4	Public
University of California - Berkeley	404,588	18	5	Public
Ohio State University - Columbus	401,850	19	6	Public
Northwestern University	344,299	20	14	Private
University of Minnesota - Twin Cities	326,158	21	7	Public
University of North Carolina - Chapel Hill	325,932	22	8	Public
University of Texas - Austin	304,294	23	9	Public
Princeton University	303,394	24	15	Private
Texas A&M University - College Station	290,458	25	10	Public
Washington University in St. Louis	281,491	26	16	Private
Indiana University - Bloomington	276,434	27	11	Public
University of Virginia	268,407	28	12	Public
University of Florida	267,350	29	13	Public
University of Oklahoma - Norman	260,220	30	14	Public
University of Wisconsin - Madison	258,645	31	15	Public
Brown University	241,987	32	17	Private
University of California - San Diego	240,076	33	16	Public
California Institute of Technology	235,882	34	18	Private
University of Miami	221,706	35	19	Private
University of Arizona	219,929	36	17	Public
Emory University	218,501	37	20	Private
Dartmouth College	216,825	38	21	Private
Michigan State University	199,928	39	18	Public
University of Illinois - Urbana-Champaign	198,897	40	19	Public
Vanderbilt University	193,581	41	22	Private
Arizona State University	179,604	42	20	Public
University of Colorado - Denver/Anschutz Medical	178,660	43	21	Public
University of Oregon	177,447	44	22	Public
Oregon Health & Science University	175,675	45	23	Public
Iowa State University	175,453	46	24	Public
University of South Carolina - Columbia	174,208	47	25	Public
University of Georgia	163,545	48	26	Public
University of California - Davis	163,088	49	27	Public
Boston University	157,478	50	23	Private

The Top 200 Institutions – Annual Giving (2017)

Top 51-100 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Carnegie Mellon University	155,209	51	24	Private
University of Utah	153,527	52	28	Public
Purdue University - West Lafayette	152,638	53	29	Public
University of Texas MD Anderson Cancer Center	149,750	54	30	Public
Pennsylvania State University - University Park	148,864	55	31	Public
North Carolina State University	147,125	56	32	Public
University of California - Santa Barbara	145,824	57	33	Public
Georgetown University	143,251	58	25	Private
Boston College	141,502	59	26	Private
University of Kansas - Lawrence	137,330	60	34	Public
University of Iowa	137,193	61	35	Public
University of Colorado - Boulder	134,126	62	36	Public
Northeastern University	125,342	63	27	Private
Weill Cornell Medical College	122,348	64	28	Private
Virginia Polytechnic Institute and State University	122,042	65	37	Public
Indiana University - Purdue University - Indianapolis	121,826	66	38	Public
Louisiana State University - Baton Rouge	121,572	67	39	Public
University of Pittsburgh - Pittsburgh	121,564	68	40	Public
University of Texas SW Medical Center - Dallas	121,379	69	41	Public
University of Kentucky	119,920	70	42	Public
University of Missouri - Columbia	119,526	71	43	Public
Georgia Institute of Technology	119,142	72	44	Public
University of Maryland - College Park	115,151	73	45	Public
Case Western Reserve University	113,767	74	29	Private
Rutgers University - New Brunswick	113,555	75	46	Public
University of Houston - University Park	109,231	76	47	Public
University of Cincinnati - Cincinnati	106,272	77	48	Public
University of Nebraska Medical Center	106,010	78	49	Public
Wake Forest University	105,164	79	30	Private
University of Nebraska - Lincoln	104,678	80	50	Public
Auburn University	104,418	81	51	Public
Tufts University	103,248	82	31	Private
West Virginia University	100,497	83	52	Public
Brandeis University	99,260	84	32	Private
University of Alabama - Tuscaloosa	98,956	85	53	Public
Oklahoma State University - Stillwater	98,640	86	54	Public
Icahn School of Medicine at Mount Sinai	98,578	87	33	Private
Rice University	98,158	88	34	Private
University of Tennessee - Knoxville	98,124	89	55	Public
Williams College	97,403	90	35	Private
University of Rochester	97,233	91	36	Private
University of California - Irvine	97,056	92	56	Public
George Washington University	95,034	93	37	Private
Oregon State University	92,755	94	57	Public
University of Louisville	90,820	95	58	Public
University of New Mexico - Albuquerque	90,227	96	59	Public
Mississippi State University	89,521	97	60	Public
Montana State University - Bozeman	89,511	98	61	Public
Southern Methodist University	87,689	99	38	Private
Tulane University	86,033	100	39	Private

The Top 200 Institutions – Annual Giving (2017)

Top 101-150 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Clemson University	85,795	101	62	Public
San Diego State University	85,455	102	63	Public
Villanova University	85,004	103	40	Private
Kansas State University	84,883	104	64	Public
University of Arkansas - Fayetteville	83,555	105	65	Public
Baylor University	83,336	106	41	Private
Washington State University - Pullman	82,555	107	66	Public
University of Alabama - Birmingham	81,250	108	67	Public
Texas Tech University	79,864	109	68	Public
Syracuse University	79,032	110	42	Private
Wayne State University	77,544	111	69	Public
Florida State University	77,268	112	70	Public
University of Nevada - Las Vegas	71,805	113	71	Public
Baylor College of Medicine	70,927	114	43	Private
Texas Christian University	69,737	115	44	Private
Drexel University	68,965	116	45	Private
Wellesley College	67,380	117	46	Private
Temple University	67,339	118	72	Public
George Mason University	66,474	119	73	Public
University of Mississippi - Oxford	65,919	120	74	Public
University of Texas Health Science Ct.r - San Antonio	65,776	121	75	Public
Colby College	64,104	122	47	Private
Wesleyan University	64,016	123	48	Private
University of Massachusetts - Amherst	63,084	124	76	Public
College of William and Mary	62,822	125	77	Public
University of Maryland - Baltimore	62,651	126	78	Public
Santa Clara University	62,386	127	49	Private
Colorado State University - Fort Collins	60,531	128	79	Public
Virginia Commonwealth University	57,270	129	80	Public
University of Nevada - Reno	57,084	130	81	Public
University of Illinois - Chicago	56,597	131	82	Public
Marquette University	55,914	132	50	Private
Smith College	54,219	133	51	Private
University of Texas Health Science Center - Houston	53,566	134	83	Public
Stony Brook University	53,224	135	84	Public
University of South Florida - Tampa	52,986	136	85	Public
University of Connecticut - Storrs	52,458	137	86	Public
Davidson College	52,307	138	52	Private
U.S. Military Academy	52,158	139	87	Public
Thomas Jefferson University	52,137	140	53	Private
Creighton University	52,119	141	54	Private
Washington and Lee University	49,726	142	55	Private
University of Hawaii - Manoa	49,665	143	88	Public
Lehigh University	49,399	144	56	Private
Medical University of South Carolina	47,569	145	89	Public
Barnard College	47,498	146	57	Private
Bucknell University	46,800	147	58	Private
Rensselaer Polytechnic Institute	46,571	148	59	Private
American University	45,903	149	60	Private
University of Dubuque	45,471	150	61	Private

The Top 200 Institutions – Annual Giving (2017)

Top 151-200 Institutions in Annual Giving	Annual Giving x \$1000	National Rank	Control Rank	Institutional Control
Western Michigan University	45,336	151	90	Public
Amherst College	44,886	152	62	Private
Carleton College	44,404	153	63	Private
Chapman University	43,468	154	64	Private
University of Texas - Dallas	43,271	155	91	Public
University of Delaware	43,001	156	92	Public
University of Oklahoma - Health Sciences Center	42,763	157	93	Public
College of the Holy Cross	42,315	158	65	Private
Fairfield University	41,492	159	66	Private
Berea College	41,437	160	67	Private
Yeshiva University	41,343	161	68	Private
Virginia Military Institute	41,193	162	94	Public
University of Vermont	41,020	163	95	Public
University of Tulsa	40,885	164	69	Private
Vassar College	40,470	165	70	Private
University of Texas Medical Branch - Galveston	40,071	166	96	Public
North Dakota State University	39,856	167	97	Public
Utah State University	38,751	168	98	Public
Medical College of Wisconsin	38,743	169	71	Private
University of Portland	38,707	170	72	Private
Fordham University	38,347	171	73	Private
University of California - Santa Cruz	38,313	172	99	Public
California Polytechnic State Univ - San Luis Obispo	38,309	173	100	Public
University of Dayton	37,840	174	74	Private
Miami University - Oxford	37,680	175	101	Public
University of Denver	37,646	176	75	Private
Florida International University	37,504	177	102	Public
University of Wyoming	37,130	178	103	Public
University at Buffalo	36,919	179	104	Public
Middlebury College	36,444	180	76	Private
Gonzaga University	36,426	181	77	Private
Pomona College	35,544	182	78	Private
Claremont McKenna College	34,876	183	79	Private
Pennsylvania State University - Hershey Medical Ctr.	34,781	184	105	Public
University of Kansas Medical Center	34,333	185	106	Public
Wofford College	34,314	186	80	Private
Furman University	33,361	187	81	Private
University of Central Florida	33,043	188	107	Public
Georgia State University	32,908	189	108	Public
Oberlin College	32,103	190	82	Private
Kenyon College	31,726	191	83	Private
Colgate University	31,573	192	84	Private
Illinois Institute of Technology	31,554	193	85	Private
College of Wooster	31,552	194	86	Private
University of North Dakota	31,447	195	109	Public
Union College (NY)	31,443	196	87	Private
Boise State University	31,439	197	110	Public
Portland State University	30,898	198	111	Public
University of Montana - Missoula	30,737	199	112	Public
Seattle University	29,991	200	88	Private



The Top 200 Institutions – National Academy Membership (2017)

Top 1-50 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Harvard University	401	1	1	Private
Stanford University	342	2	2	Private
Massachusetts Institute of Technology	271	3	3	Private
University of California - Berkeley	227	4	1	Public
University of California - San Francisco	134	5	2	Public
Columbia University	133	6	4	Private
University of Pennsylvania	127	7	5	Private
Princeton University	125	8	6	Private
University of California - San Diego	118	9	3	Public
University of Michigan - Ann Arbor	118	9	3	Public
Yale University	118	9	7	Private
California Institute of Technology	114	12	8	Private
University of Washington - Seattle	111	13	5	Public
Johns Hopkins University	107	14	9	Private
University of California - Los Angeles	102	15	6	Public
University of Wisconsin - Madison	75	16	7	Public
Duke University	70	17	10	Private
University of Chicago	70	17	10	Private
University of Texas - Austin	69	19	8	Public
Cornell University	63	20	12	Private
New York University	58	21	13	Private
University of California - Santa Barbara	56	22	9	Public
University of Illinois - Urbana-Champaign	55	23	10	Public
Rockefeller University	54	24	14	Private
Washington University in St. Louis	53	25	15	Private
University of California - Davis	47	26	11	Public
University of Southern California	46	27	16	Private
Northwestern University	45	28	17	Private
Carnegie Mellon University	44	29	18	Private
University of Minnesota - Twin Cities	43	30	12	Public
Texas A&M University - College Station	38	31	13	Public
Rutgers University - New Brunswick	36	32	14	Public
University of North Carolina - Chapel Hill	36	32	14	Public
University of Texas SW Medical Center - Dallas	36	32	14	Public
Emory University	33	35	19	Private
Ohio State University - Columbus	32	36	17	Public
University of Colorado - Boulder	32	36	17	Public
Vanderbilt University	32	36	20	Private
Georgia Institute of Technology	31	39	19	Public
University of California - Irvine	31	39	19	Public
University of Arizona	30	41	21	Public
Scripps Research Institute	29	42	21	Private
University of Florida	29	42	22	Public
Gerstner Sloan - Kettering Grad. Sch. of Biomed Sci.	28	44	22	Private
Pennsylvania State University - University Park	27	45	23	Public
Purdue University - West Lafayette	27	45	23	Public
University of Pittsburgh - Pittsburgh	27	45	23	Public
Weill Cornell Medical College	27	45	23	Private
Baylor College of Medicine	25	49	24	Private
Rice University	24	50	25	Private
University of Maryland - College Park	24	50	26	Public



The Top 200 Institutions – National Academy Membership (2017)

Top 52-96 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Brown University	23	52	26	Private
Icahn School of Medicine at Mount Sinai	23	52	26	Private
University of Utah	23	52	27	Public
University of Virginia	23	52	27	Public
Arizona State University	22	56	29	Public
Case Western Reserve University	22	56	28	Private
North Carolina State University	22	56	29	Public
University of Rochester	22	56	28	Private
University of Iowa	20	60	31	Public
Boston University	19	61	30	Private
Dartmouth College	16	62	31	Private
University of Texas MD Anderson Cancer Center	16	62	32	Public
Indiana University - Bloomington	15	64	33	Public
Michigan State University	15	64	33	Public
Stony Brook University	14	66	35	Public
University of Colorado - Denver/Anschutz Medical	14	66	35	Public
University of Houston - University Park	14	66	35	Public
Virginia Polytechnic Institute and State University	14	66	35	Public
Yeshiva University	13	70	32	Private
University of Miami	12	71	33	Private
Brandeis University	11	72	34	Private
George Washington University	11	72	34	Private
Tufts University	11	72	34	Private
Georgetown University	10	75	37	Private
Iowa State University	10	75	39	Public
Oregon Health & Science University	10	75	39	Public
University of California - Santa Cruz	10	75	39	Public
University of Hawaii - Manoa	10	75	39	Public
University of Oregon	10	75	39	Public
University of South Florida - Tampa	10	75	39	Public
City University of NY - City College	9	82	45	Public
University of Maryland - Baltimore	9	82	45	Public
University of Missouri - Columbia	9	82	45	Public
Washington State University - Pullman	9	82	45	Public
Colorado State University - Fort Collins	8	86	49	Public
Drexel University	8	86	38	Private
Florida State University	8	86	49	Public
University of Alabama - Birmingham	8	86	49	Public
University of California - Riverside	8	86	49	Public
University of Cincinnati - Cincinnati	8	86	49	Public
University of Delaware	8	86	49	Public
University of Georgia	8	86	49	Public
University of Massachusetts - Amherst	8	86	49	Public
University of Massachusetts Medical Sch. - Worcester	8	86	49	Public
Howard University	7	96	39	Private
Rensselaer Polytechnic Institute	7	96	39	Private
University at Buffalo	7	96	58	Public
Wake Forest University	7	96	39	Private

The Top 200 Institutions – National Academy Membership (2017)

Top 100-120 Institutions in National Academy Membership	Number of Members	National Rank	Control Rank	Institutional Control
Cold Spring Harbor Laboratory	6	100	42	Private
University of Illinois - Chicago	6	100	59	Public
University of Tennessee - Knoxville	6	100	59	Public
Virginia Commonwealth University	6	100	59	Public
Morehouse School of Medicine	5	104	43	Private
Temple University	5	104	62	Public
Texas Tech University	5	104	62	Public
University of Central Florida	5	104	62	Public
University of Connecticut - Health Center	5	104	62	Public
University of Kansas - Lawrence	5	104	62	Public
University of New Mexico - Albuquerque	5	104	62	Public
University of Texas Health Science Center - Houston	5	104	62	Public
University of Texas Health Science Ctr. - San Antonio	5	104	62	Public
Colorado School of Mines	4	113	70	Public
Illinois Institute of Technology	4	113	44	Private
Lehigh University	4	113	44	Private
Oregon State University	4	113	70	Public
Uniformed Services University of the Health Sciences	4	113	70	Public
University of Notre Dame	4	113	44	Private
University of Texas - Dallas	4	113	70	Public
Boston College	3	120	47	Private
Clark University (MA)	3	120	47	Private
Louisiana State University - Baton Rouge	3	120	74	Public
Mayo Clinic School of Medicine	3	120	47	Private
Medical College of Wisconsin	3	120	47	Private
Medical University of South Carolina	3	120	74	Public
Naval Postgraduate School	3	120	74	Public
Northeastern University	3	120	47	Private
Oklahoma State University - Stillwater	3	120	74	Public
Rush University	3	120	47	Private
Rutgers University - Newark	3	120	74	Public
Southern Methodist University	3	120	47	Private
Thomas Jefferson University	3	120	47	Private
University of Arkansas - Fayetteville	3	120	74	Public
University of Texas - Arlington	3	120	74	Public
University of Texas Medical Branch - Galveston	3	120	74	Public
Wayne State University	3	120	74	Public

The Top 200 Institutions – National Academy Membership (2017)

Institutions with 2 National Academy Members	Number of Members	National Rank	Control Rank	Institutional Control
Brigham Young University - Provo	2	137	55	Private
Chapman University	2	137	55	Private
Charles R. Drew University of Medicine and Science	2	137	55	Private
Clemson University	2	137	83	Public
Drew University	2	137	55	Private
Florida Atlantic University	2	137	83	Public
Florida International University	2	137	83	Public
George Mason University	2	137	83	Public
Meharry Medical College	2	137	55	Private
Pardee RAND Graduate School	2	137	55	Private
Pennsylvania State University - Hershey Medical Ctr.	2	137	83	Public
Rowan University	2	137	83	Public
Stevens Institute of Technology	2	137	55	Private
Syracuse University	2	137	55	Private
Tulane University	2	137	55	Private
University of Kansas Medical Center	2	137	83	Public
University of Kentucky	2	137	83	Public
University of Nebraska - Lincoln	2	137	83	Public
University of Nevada - Reno	2	137	83	Public
University of Rhode Island	2	137	83	Public
University of Vermont	2	137	83	Public
University of Wyoming	2	137	83	Public
West Virginia University	2	137	83	Public
Woods Hole Oceanographic Institution	2	137	55	Private

The Top 200 Institutions – Faculty Awards (2017)

Top 1-48 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Harvard University	75	1	1	Private
Stanford University	62	2	2	Private
University of Michigan - Ann Arbor	54	3	1	Public
University of Washington - Seattle	49	4	2	Public
University of California - Berkeley	44	5	3	Public
Massachusetts Institute of Technology	43	6	3	Private
Princeton University	40	7	4	Private
University of Pennsylvania	40	7	4	Private
Yale University	37	9	6	Private
Northwestern University	36	10	7	Private
University of Illinois - Urbana-Champaign	35	11	4	Public
University of Chicago	33	12	8	Private
Columbia University	31	13	9	Private
University of California - Los Angeles	30	14	5	Public
University of California - San Diego	30	14	5	Public
Cornell University	29	16	10	Private
Johns Hopkins University	28	17	11	Private
Duke University	27	18	12	Private
University of Wisconsin - Madison	27	18	7	Public
University of Minnesota - Twin Cities	26	20	8	Public
Arizona State University	25	21	9	Public
Pennsylvania State University - University Park	24	22	10	Public
University of North Carolina - Chapel Hill	24	22	10	Public
University of Pittsburgh - Pittsburgh	24	22	10	Public
University of Texas - Austin	24	22	10	Public
University of Notre Dame	23	26	13	Private
University of California - Irvine	22	27	14	Public
Indiana University - Bloomington	20	28	15	Public
New York University	20	28	14	Private
Ohio State University - Columbus	20	28	15	Public
University of Virginia	20	28	15	Public
Georgia Institute of Technology	19	32	18	Public
North Carolina State University	19	32	18	Public
University of California - San Francisco	18	34	20	Public
University of Colorado - Boulder	18	34	20	Public
University of Southern California	18	34	15	Private
California Institute of Technology	17	37	16	Private
University of California - Riverside	17	37	22	Public
University of Florida	17	37	22	Public
Virginia Polytechnic Institute and State University	17	37	22	Public
Rutgers University - New Brunswick	16	41	25	Public
University of Maryland - College Park	15	42	26	Public
Brown University	14	43	17	Private
Boston University	13	44	18	Private
Michigan State University	13	44	27	Public
University of Massachusetts - Amherst	13	44	27	Public
Washington University in St. Louis	13	44	18	Private
Emory University	12	48	20	Private
Northeastern University	12	48	20	Private
Purdue University - West Lafayette	12	48	29	Public
University of Arizona	12	48	29	Public
University of Illinois - Chicago	12	48	29	Public
University of South Carolina - Columbia	12	48	29	Public

The Top 200 Institutions – Faculty Awards (2017)

Top 54-87 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Iowa State University	11	54	33	Public
University at Buffalo	11	54	33	Public
University of Delaware	11	54	33	Public
University of New Mexico - Albuquerque	11	54	33	Public
Vanderbilt University	11	54	22	Private
Weill Cornell Medical College	11	54	22	Private
Case Western Reserve University	10	60	24	Private
Florida State University	10	60	37	Public
George Washington University	10	60	24	Private
University of California - Davis	10	60	37	Public
University of Connecticut - Storrs	10	60	37	Public
University of Georgia	10	60	37	Public
University of Massachusetts Medical Sch. - Worcester	10	60	37	Public
University of Miami	10	60	24	Private
University of South Florida - Tampa	10	60	37	Public
Carnegie Mellon University	9	69	27	Private
Clemson University	9	69	43	Public
Dartmouth College	9	69	27	Private
Oregon Health & Science University	9	69	43	Public
Rockefeller University	9	69	27	Private
Texas Tech University	9	69	43	Public
University of Kentucky	9	69	43	Public
University of Rochester	9	69	27	Private
University of Texas SW Medical Center - Dallas	9	69	43	Public
Georgetown University	8	78	31	Private
Scripps Research Institute	8	78	31	Private
Stony Brook University	8	78	48	Public
Temple University	8	78	48	Public
Texas A&M University - College Station	8	78	48	Public
Tufts University	8	78	31	Private
University of Kansas - Lawrence	8	78	48	Public
University of Tennessee - Knoxville	8	78	48	Public
Utah State University	8	78	48	Public
Baylor College of Medicine	7	87	34	Private
Kansas State University	7	87	54	Public
Oregon State University	7	87	54	Public
Rice University	7	87	34	Private
Southern Methodist University	7	87	34	Private
University of California - Santa Barbara	7	87	54	Public
University of Central Florida	7	87	54	Public
University of Houston - University Park	7	87	54	Public
University of Iowa	7	87	54	Public
University of Maryland - Baltimore County	7	87	54	Public
University of Missouri - Columbia	7	87	54	Public
University of Nebraska - Lincoln	7	87	54	Public
University of Oregon	7	87	54	Public
University of Texas - Dallas	7	87	54	Public
University of Utah	7	87	54	Public

The Top 200 Institutions – Faculty Awards (2017)

Top 102-125 Institutions in Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Brigham Young University - Provo	6	102	37	Private
Louisiana State University - Baton Rouge	6	102	66	Public
Syracuse University	6	102	37	Private
University of California - Santa Cruz	6	102	66	Public
University of Cincinnati - Cincinnati	6	102	66	Public
University of Hawaii - Manoa	6	102	66	Public
University of Louisville	6	102	66	Public
University of Montana - Missoula	6	102	66	Public
University of Wyoming	6	102	66	Public
Virginia Commonwealth University	6	102	66	Public
Washington State University - Pullman	6	102	66	Public
College of William and Mary	5	113	75	Public
Colorado School of Mines	5	113	75	Public
Colorado State University - Fort Collins	5	113	75	Public
George Mason University	5	113	75	Public
Georgia State University	5	113	75	Public
Icahn School of Medicine at Mount Sinai	5	113	39	Private
Marquette University	5	113	39	Private
Northern Illinois University	5	113	75	Public
San Diego State University	5	113	75	Public
Tulane University	5	113	39	Private
University of Vermont	5	113	75	Public
West Virginia University	5	113	75	Public
Brandeis University	4	125	42	Private
City University of NY - Hunter College	4	125	84	Public
Drexel University	4	125	42	Private
Ithaca College	4	125	42	Private
Loyola University - New Orleans	4	125	42	Private
Middlebury College	4	125	42	Private
New Jersey Institute of Technology	4	125	84	Public
Portland State University	4	125	84	Public
University of Arkansas - Fayetteville	4	125	84	Public
University of Colorado - Denver/Anschutz Medical	4	125	84	Public
University of Maryland - Baltimore	4	125	84	Public
University of Massachusetts - Boston	4	125	84	Public
University of Massachusetts - Dartmouth	4	125	84	Public
University of Mississippi - Oxford	4	125	84	Public
University of Rhode Island	4	125	84	Public
University of St. Thomas (MN)	4	125	42	Private
University of Texas - Arlington	4	125	84	Public
University of Texas Health Science Center - Houston	4	125	84	Public
Villanova University	4	125	42	Private
Wake Forest University	4	125	42	Private
Wayne State University	4	125	84	Public
Western Carolina University	4	125	84	Public
Western Washington University	4	125	84	Public
Williams College	4	125	42	Private

The Top 200 Institutions – Faculty Awards (2017)

Institutions with 3 Faculty Awards	Number of Awards	National Rank	Control Rank	Institutional Control
Auburn University	3	149	99	Public
Boston College	3	149	51	Private
California Institute of the Arts	3	149	51	Private
California State University - Fullerton	3	149	99	Public
California State University - Long Beach	3	149	99	Public
Central Michigan University	3	149	99	Public
City University of NY - Queens College	3	149	99	Public
Clarkson University	3	149	51	Private
Colgate University	3	149	51	Private
Grand Valley State University	3	149	99	Public
Illinois Institute of Technology	3	149	51	Private
Kent State University - Kent	3	149	99	Public
Miami University - Oxford	3	149	99	Public
Michigan Technological University	3	149	99	Public
Montana State University - Bozeman	3	149	99	Public
North Dakota State University	3	149	99	Public
Pace University (Multiple campuses)	3	149	51	Private
Regis University	3	149	51	Private
Rutgers University - Newark	3	149	99	Public
Stevens Institute of Technology	3	149	51	Private
Trinity College (CT)	3	149	51	Private
University at Albany	3	149	99	Public
University of Akron - Akron	3	149	99	Public
University of Alabama - Tuscaloosa	3	149	99	Public
University of Denver	3	149	51	Private
University of Idaho	3	149	99	Public
University of Massachusetts - Lowell	3	149	99	Public
University of Nevada - Las Vegas	3	149	99	Public
University of Nevada - Reno	3	149	99	Public
University of North Carolina - Greensboro	3	149	99	Public
University of North Texas	3	149	99	Public
University of Richmond	3	149	51	Private
University of South Alabama - Mobile	3	149	99	Public
University of Texas - San Antonio	3	149	99	Public
University of Washington - Bothell	3	149	99	Public
Western Michigan University	3	149	99	Public
Worcester Polytechnic Institute	3	149	51	Private
Yeshiva University	3	149	51	Private

The Top 200 Institutions – Doctorates Awarded (2017)

Top 1-50 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Wisconsin - Madison	876	1	1	Public
University of Illinois - Urbana-Champaign	827	2	2	Public
University of Texas - Austin	827	2	2	Public
University of Michigan - Ann Arbor	820	4	4	Public
Nova Southeastern University	818	5	1	Private
Ohio State University - Columbus	818	5	5	Public
University of California - Berkeley	818	5	5	Public
University of California - Los Angeles	770	8	7	Public
Texas A&M University - College Station	761	9	8	Public
Stanford University	752	10	2	Private
Purdue University - West Lafayette	746	11	9	Public
University of Florida	728	12	10	Public
Harvard University	718	13	3	Private
University of Minnesota - Twin Cities	702	14	11	Public
Pennsylvania State University - University Park	695	15	12	Public
Duke University	685	16	4	Private
University of Southern California	679	17	5	Private
Arizona State University	677	18	13	Public
Rutgers University - New Brunswick	636	19	14	Public
University of Washington - Seattle	624	20	15	Public
Massachusetts Institute of Technology	622	21	6	Private
University of Pennsylvania	589	22	7	Private
Columbia University	570	23	8	Private
University of Maryland - College Park	567	24	16	Public
University of North Carolina - Chapel Hill	566	25	17	Public
Johns Hopkins University	553	26	9	Private
Michigan State University	552	27	18	Public
University of Georgia	543	28	19	Public
North Carolina State University	540	29	20	Public
University of California - San Diego	531	30	21	Public
University of California - Davis	517	31	22	Public
Virginia Polytechnic Institute and State University	516	32	23	Public
Boston University	509	33	10	Private
Georgia Institute of Technology	508	34	24	Public
Cornell University	501	35	11	Private
University of Missouri - Columbia	500	36	25	Public
Indiana University - Bloomington	485	37	26	Public
University of Iowa	464	38	27	Public
Northwestern University	454	39	12	Private
New York University	445	40	13	Private
University of Arizona	442	41	28	Public
City University of NY - Graduate Sch. and Univ. Ctr.	431	42	29	Public
University of Pittsburgh - Pittsburgh	416	43	30	Public
University of Colorado - Boulder	408	44	31	Public
University of California - Irvine	403	45	32	Public
Florida State University	398	46	33	Public
University of Chicago	395	47	14	Private
University of Tennessee - Knoxville	381	48	34	Public
Yale University	375	49	15	Private
Iowa State University	374	50	35	Public



The Top 200 Institutions – Doctorates Awarded (2017)

Top 51-100 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Illinois - Chicago	370	51	36	Public
University of Virginia	361	52	37	Public
Princeton University	358	53	16	Private
Texas Tech University	358	53	38	Public
University of Houston - University Park	358	53	38	Public
University at Buffalo	343	56	40	Public
University of Utah	339	57	41	Public
Vanderbilt University	337	58	17	Private
Alliant International University	335	59	18	Private For-Profit
University of South Florida - Tampa	332	60	42	Public
University of Connecticut - Storrs	328	61	43	Public
University of Kentucky	326	62	44	Public
University of California - Santa Barbara	321	63	45	Public
Stony Brook University	317	64	46	Public
University of South Carolina - Columbia	317	64	46	Public
Louisiana State University - Baton Rouge	315	66	48	Public
Washington State University - Pullman	315	66	48	Public
University of Kansas - Lawrence	310	68	50	Public
University of Massachusetts - Amherst	307	69	51	Public
Virginia Commonwealth University	306	70	52	Public
University of Nebraska - Lincoln	299	71	53	Public
Auburn University	289	72	54	Public
Carnegie Mellon University	288	73	19	Private
Washington University in St. Louis	288	73	19	Private
George Mason University	283	75	55	Public
Saint Louis University - St. Louis	282	76	21	Private
University of Central Florida	279	77	56	Public
Oregon State University	276	78	57	Public
Temple University	274	79	58	Public
University of California - Riverside	268	80	59	Public
University of North Texas	268	80	59	Public
Wayne State University	268	80	59	Public
Georgia State University	262	83	62	Public
Liberty University	255	84	22	Private
University of Delaware	254	85	63	Public
Emory University	251	86	23	Private
George Washington University	251	86	23	Private
University of Rochester	249	88	25	Private
University of Alabama - Tuscaloosa	245	89	64	Public
University of Notre Dame	239	90	26	Private
West Virginia University	239	90	65	Public
University of Cincinnati - Cincinnati	233	92	66	Public
Clemson University	231	93	67	Public
Northeastern University	228	94	27	Private
Drexel University	227	95	28	Private
Colorado State University - Fort Collins	223	96	68	Public
Oklahoma State University - Stillwater	223	96	68	Public
Rice University	215	98	29	Private
University of Oklahoma - Norman	213	99	70	Public
Brown University	210	100	30	Private

The Top 200 Institutions – Doctorates Awarded (2017)

Top 101-148 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
University of Miami	209	101	31	Private
University of Texas - Arlington	207	102	71	Public
Case Western Reserve University	206	103	32	Private
University of Texas - Dallas	201	104	72	Public
University of Oregon	200	105	73	Public
Florida International University	199	106	74	Public
Teachers College at Columbia University	199	106	33	Private
University of New Mexico - Albuquerque	195	108	75	Public
Kansas State University	191	109	76	Public
Regent University	191	109	34	Private
University of Hawaii - Manoa	190	111	77	Public
Syracuse University	189	112	35	Private
California Institute of Technology	180	113	36	Private
University of Wisconsin - Milwaukee	180	113	78	Public
Medical University of South Carolina	179	115	79	Public
Claremont Graduate University	177	116	37	Private
Mississippi State University	176	117	80	Public
Southern Illinois University - Carbondale	174	118	81	Public
Kent State University - Kent	170	119	82	Public
University of Arkansas - Fayetteville	168	120	83	Public
University at Albany	167	121	84	Public
University of California - Santa Cruz	167	121	84	Public
University of Memphis	162	123	86	Public
University of Louisville	158	124	87	Public
University of Southern Mississippi	157	125	88	Public
Old Dominion University	155	126	89	Public
University of Nevada - Las Vegas	155	126	89	Public
Binghamton University	150	128	91	Public
Maryville University of Saint Louis	147	129	38	Private
Tulane University	146	130	39	Private
East Tennessee State University	145	131	92	Public
University of Akron - Akron	143	132	93	Public
Tufts University	139	133	40	Private
University of California - San Francisco	138	134	94	Public
Ohio University - Athens	137	135	95	Public
Loyola University Chicago	136	136	41	Private
Northern Illinois University	136	136	96	Public
University of Colorado - Denver/Anschutz Medical	132	138	97	Public
University of Texas Health Science Center - Houston	132	138	97	Public
Fielding Graduate University	131	140	42	Private
Fordham University	130	141	43	Private
University of North Carolina - Charlotte	129	142	99	Public
University of North Carolina - Greensboro	127	143	100	Public
University of Alabama - Birmingham	126	144	101	Public
University of Puerto Rico - Rio Piedras	126	144	101	Public
University of Texas - San Antonio	126	144	101	Public
Western Michigan University	125	147	104	Public
Georgetown University	124	148	44	Private
Howard University	124	148	44	Private

The Top 200 Institutions – Doctorates Awarded (2017)

Top 150-200 Institutions in Doctorates Awarded	Number of Degrees	National Rank	Control Rank	Institutional Control
Boston College	122	150	46	Private
Rensselaer Polytechnic Institute	122	150	46	Private
St. John's University (NY)	122	150	46	Private
University of Missouri - Kansas City	122	150	105	Public
University of Denver	118	154	49	Private
University of Nevada - Reno	117	155	106	Public
Texas Woman's University	116	156	107	Public
Florida Atlantic University	115	157	108	Public
University of Toledo	113	158	109	Public
Baylor University	110	159	50	Private
Catholic University of America	110	159	50	Private
Indiana University of Pennsylvania	109	161	110	Public
University of Northern Colorado	108	162	111	Public
University of Missouri - St. Louis	106	163	112	Public
University of Texas - El Paso	106	163	112	Public
University of Wyoming	106	163	112	Public
University of Mississippi - Oxford	105	166	115	Public
New Mexico State University - Las Cruces	103	167	116	Public
A.T. Still University of Health Sciences	102	168	52	Private
Yeshiva University	102	168	52	Private
Lehigh University	101	170	54	Private
Indiana University - Purdue University - Indianapolis	100	171	117	Public
Shenandoah University	100	171	55	Private
University of Rhode Island	100	171	117	Public
Baylor College of Medicine	99	174	56	Private
Colorado School of Mines	99	174	119	Public
University of Texas SW Medical Center - Dallas	98	176	120	Public
Utah State University	95	177	121	Public
North Dakota State University	94	178	122	Public
Brigham Young University - Provo	93	179	57	Private
Jackson State University	91	180	123	Public
University of North Dakota	91	180	123	Public
Pepperdine University	90	182	58	Private
San Diego State University	90	182	125	Public
Southern Methodist University	89	184	59	Private
Michigan Technological University	88	185	126	Public
Missouri University of Science and Technology	88	185	126	Public
Union University	88	185	60	Private
University of Maryland - Baltimore	88	185	126	Public
University of Maryland - Baltimore County	88	185	126	Public
Illinois Institute of Technology	87	190	61	Private
Brandeis University	86	191	62	Private
Lamar University	86	191	130	Public
Loma Linda University	86	191	62	Private
College of William and Mary	85	195	132	Public
Southern Baptist Theological Seminary	84	196	64	Private
Dartmouth College	83	197	65	Private
Gardner-Webb University	81	198	66	Private
Wilmington University (DE)	80	199	67	Private
Duquesne University	78	200	68	Private
Portland State University	78	200	133	Public
Seton Hall University	78	200	68	Private
Wingate University	78	200	68	Private

The Top 200 Institutions – Postdoctoral Appointees (2016)

Top 1-50 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
Harvard University	5,873	1	1	Private
Stanford University	2,228	2	2	Private
Johns Hopkins University	1,697	3	3	Private
Massachusetts Institute of Technology	1,503	4	4	Private
University of California - San Diego	1,319	5	1	Public
University of Michigan - Ann Arbor	1,313	6	2	Public
University of Washington - Seattle	1,264	7	3	Public
Columbia University	1,219	8	5	Private
Yale University	1,169	9	6	Private
University of California - Los Angeles	1,120	10	4	Public
University of California - San Francisco	1,037	11	5	Public
University of Pennsylvania	964	12	7	Private
University of Colorado - Boulder	939	13	6	Public
University of Minnesota - Twin Cities	906	14	7	Public
University of California - Davis	837	15	8	Public
University of North Carolina - Chapel Hill	825	16	9	Public
Northwestern University	813	17	8	Private
University of California - Berkeley	795	18	10	Public
University of Wisconsin - Madison	745	19	11	Public
University of Pittsburgh - Pittsburgh	703	20	12	Public
University of Florida	666	21	13	Public
New York University	647	22	9	Private
Emory University	641	23	10	Private
Ohio State University - Columbus	638	24	14	Public
Icahn School of Medicine at Mount Sinai	635	25	11	Private
University of Texas MD Anderson Cancer Center	635	25	15	Public
Washington University in St. Louis	629	27	12	Private
Vanderbilt University	618	28	13	Private
Mayo Clinic Graduate School of Biomedical Sciences	606	29	14	Private
University of Chicago	606	29	14	Private
Texas A&M University - College Station	602	31	16	Public
California Institute of Technology	601	32	16	Private
Duke University	587	33	17	Private
University of Texas SW Medical Center - Dallas	564	34	17	Public
Scripps Research Institute	554	35	18	Private
Baylor College of Medicine	522	36	19	Private
Michigan State University	522	36	18	Public
Princeton University	522	36	19	Private
University of Illinois - Urbana-Champaign	512	39	19	Public
University of Utah	504	40	20	Public
North Carolina State University	485	41	21	Public
University of Maryland - College Park	479	42	22	Public
University of Arizona	451	43	23	Public
University of Southern California	449	44	21	Private
Cornell University	444	45	22	Private
Purdue University - West Lafayette	411	46	24	Public
Indiana University - Bloomington	404	47	25	Public
Weill Cornell Medical College	394	48	23	Private
University of Massachusetts Medical School - Worcester	359	49	26	Public
University of Virginia	346	50	27	Public

The Top 200 Institutions – Postdoctoral Appointees (2016)

Top 51-100 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
University of Iowa	345	51	28	Public
University of Texas - Austin	343	52	29	Public
Pennsylvania State University - University Park	338	53	30	Public
University of California - Irvine	338	53	30	Public
University of Cincinnati - Cincinnati	337	55	32	Public
University of Maryland - Baltimore	334	56	33	Public
University of Colorado - Denver/Anschutz Medical	332	57	34	Public
Boston University	328	58	24	Private
Iowa State University	308	59	35	Public
Brown University	305	60	25	Private
Oregon Health & Science University	304	61	36	Public
Rutgers University - New Brunswick	303	62	37	Public
University of California - Santa Barbara	297	63	38	Public
Georgia Institute of Technology	284	64	39	Public
Rockefeller University	275	65	26	Private
University at Buffalo	273	66	40	Public
University of South Florida - Tampa	272	67	41	Public
University of Miami	268	68	27	Private
Stony Brook University	264	69	42	Public
University of Houston - University Park	263	70	43	Public
Case Western Reserve University	261	71	28	Private
University of Georgia	260	72	44	Public
Arizona State University	251	73	45	Public
Colorado State University - Fort Collins	249	74	46	Public
University of Rochester	249	74	29	Private
University of Alabama - Birmingham	247	76	47	Public
University of Hawaii - Manoa	247	76	47	Public
University of Texas Health Science Center - Houston	243	78	49	Public
Yeshiva University	243	78	30	Private
University of Kentucky	233	80	50	Public
University of Illinois - Chicago	229	81	51	Public
Texas Tech University	228	82	52	Public
Carnegie Mellon University	220	83	31	Private
University of Missouri - Columbia	219	84	53	Public
University of Nebraska - Lincoln	219	84	53	Public
Florida State University	218	86	55	Public
University of California - Riverside	215	87	56	Public
Virginia Polytechnic Institute and State University	214	88	57	Public
Oregon State University	213	89	58	Public
Florida International University	211	90	59	Public
Rice University	208	91	32	Private
Tufts University	205	92	33	Private
Temple University	194	93	60	Public
University of Texas Health Science Center - San Antonio	183	94	61	Public
Dartmouth College	176	95	34	Private
Medical University of South Carolina	173	96	62	Public
University of Texas Medical Branch - Galveston	170	97	63	Public
Augusta University	166	98	64	Public
Washington State University - Pullman	165	99	65	Public
Virginia Commonwealth University	159	100	66	Public

The Top 200 Institutions – Postdoctoral Appointees (2016)

Top 101-152 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
Sanford-Burnham Prebys Medical Discovery Institute	158	101	35	Private
Irell & Manella Graduate School of Biological Sciences	155	102	36	Private
University of Notre Dame	152	103	37	Private
Cold Spring Harbor Laboratory	151	104	38	Private
Northeastern University	149	105	39	Private
University of Connecticut - Storrs	138	106	67	Public
University of Delaware	137	107	68	Public
University of California - Santa Cruz	136	108	69	Public
University of Oklahoma - Norman	134	109	70	Public
University of Massachusetts - Amherst	132	110	71	Public
University of Tennessee - Knoxville	132	110	71	Public
Thomas Jefferson University	130	112	40	Private
University of South Carolina - Columbia	130	112	73	Public
Tulane University	128	114	41	Private
Pennsylvania State University - Hershey Medical Center	123	115	74	Public
University of Nebraska Medical Center	121	116	75	Public
Cedars-Sinai Medical Center	120	117	42	Private
University of New Mexico - Albuquerque	120	117	76	Public
Louisiana State University - Baton Rouge	119	119	77	Public
Wayne State University	117	120	78	Public
University of Tennessee Health Science Center	107	121	79	Public
Brandeis University	105	122	43	Private
Georgetown University	104	123	44	Private
Medical College of Wisconsin	104	123	44	Private
Kansas State University	102	125	80	Public
University of Oklahoma - Health Sciences Center	102	125	80	Public
George Washington University	99	127	46	Private
University of Kansas Medical Center	99	127	82	Public
University of Louisville	97	129	83	Public
University of Connecticut - Health Center	95	130	84	Public
University of Kansas - Lawrence	91	131	85	Public
Wake Forest University	90	132	47	Private
University of Nevada - Reno	89	133	86	Public
Clemson University	86	134	87	Public
Drexel University	85	135	48	Private
University of Texas - Dallas	85	135	88	Public
University of Arkansas for Medical Sciences	83	137	89	Public
Woods Hole Oceanographic Institution	82	138	49	Private
University of Texas - San Antonio	81	139	90	Public
Georgia State University	73	140	91	Public
University of Wisconsin - Milwaukee	71	141	92	Public
Rensselaer Polytechnic Institute	70	142	50	Private
City University of NY - City College	68	143	93	Public
University at Albany	68	143	93	Public
University of Texas - Arlington	68	143	93	Public
University of Central Florida	67	146	96	Public
University of Idaho	67	146	96	Public
University of Oregon	66	148	98	Public
Northern Illinois University	63	149	99	Public
Louisiana State University Health Sciences Ctr. - New Orleans	61	150	100	Public
University of Wyoming	60	151	101	Public
Colorado School of Mines	58	152	102	Public

The Top 200 Institutions – Postdoctoral Appointees (2016)

Top 153-199 Institutions in Postdoctoral Appointees	Number of Postdocs	National Rank	Control Rank	Institutional Control
Syracuse University	56	153	51	Private
University of Texas - El Paso	56	153	103	Public
Auburn University	55	155	104	Public
University of Mississippi - Oxford	55	155	104	Public
West Virginia University	54	157	106	Public
Loma Linda University	53	158	52	Private
Oklahoma State University - Stillwater	53	158	107	Public
Stevens Institute of Technology	53	158	52	Private
University of New Hampshire - Durham	52	161	108	Public
University of Vermont	51	162	109	Public
Loyola University Chicago	50	163	54	Private
Lehigh University	49	164	55	Private
Rutgers University - Newark	48	165	110	Public
University of Akron - Akron	48	165	110	Public
Montana State University - Bozeman	47	167	112	Public
Utah State University	47	167	112	Public
North Dakota State University	46	169	114	Public
Boston College	45	170	56	Private
George Mason University	44	171	115	Public
Saint Louis University - St. Louis	42	172	57	Private
Mississippi State University	40	173	116	Public
University of Rhode Island	39	174	117	Public
University of California - Merced	38	175	118	Public
University of North Texas Health Science Center	38	175	118	Public
Kent State University - Kent	37	177	120	Public
University of Maryland - Baltimore County	37	177	120	Public
University of Arkansas - Fayetteville	36	179	122	Public
University of Montana - Missoula	36	179	122	Public
University of Nevada - Las Vegas	36	179	122	Public
University of North Dakota	36	179	122	Public
Indiana University - Purdue University - Indianapolis	35	183	126	Public
Rush University	35	183	58	Private
New Jersey Institute of Technology	34	185	127	Public
Old Dominion University	34	185	127	Public
University of Alabama - Tuscaloosa	34	185	127	Public
Richard Gilder Grad. Sch. at the Amer. Mus. of Nat. History	33	188	59	Private
South Dakota State University	33	188	130	Public
Uniformed Services University of the Health Sciences	33	188	130	Public
University of Massachusetts - Lowell	33	188	130	Public
University of South Alabama - Mobile	33	188	130	Public
Albany Medical College	32	193	60	Private
University of Alaska - Fairbanks	32	193	134	Public
University of Mississippi Medical Center	31	195	135	Public
University of North Texas	31	195	135	Public
Illinois Institute of Technology	30	197	61	Private
University of South Dakota	30	197	137	Public
East Carolina University	29	199	138	Public
International Technological University	29	199	62	Private
Louisiana State University - Shreveport	29	199	138	Public
Northeast Ohio Medical University	29	199	138	Public
San Diego State University	29	199	138	Public
University of North Carolina - Charlotte	29	199	138	Public



The Top 200 Institutions – SAT Scores (2016)

Top 1-49 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	1525	2	2	Private
University of Chicago	1525	2	2	Private
University of Notre Dame	1520	4	4	Private
Vanderbilt University	1520	4	4	Private
Harvard University	1515	6	6	Private
Yale University	1510	7	7	Private
Columbia University	1500	8	8	Private
Harvey Mudd College	1500	8	8	Private
Northwestern University	1500	8	8	Private
Washington University in St. Louis	1500	8	8	Private
Princeton University	1495	12	12	Private
Franklin W. Olin College of Engineering	1490	13	13	Private
Rice University	1490	13	13	Private
Johns Hopkins University	1485	15	15	Private
Northeastern University	1485	15	15	Private
Tufts University	1485	15	15	Private
Stanford University	1480	18	18	Private
Duke University	1475	19	19	Private
University of Pennsylvania	1475	19	19	Private
Brown University	1470	21	21	Private
Case Western Reserve University	1470	21	21	Private
Claremont McKenna College	1470	21	21	Private
Carnegie Mellon University	1465	24	24	Private
Amherst College	1458	25	25	Private
Dartmouth College	1455	26	26	Private
Carleton College	1450	27	27	Private
Colgate University	1450	27	27	Private
Grinnell College	1450	27	27	Private
Middlebury College	1450	27	27	Private
Washington and Lee University	1450	27	27	Private
Webb Institute	1450	27	27	Private
Pomona College	1440	33	33	Private
Williams College	1435	34	34	Private
Cornell University	1430	35	35	Private
Kenyon College	1430	35	35	Private
Macalester College	1430	35	35	Private
University of Michigan - Ann Arbor	1430	35	1	Public
Georgetown University	1420	39	38	Private
Haverford College	1420	39	38	Private
Swarthmore College	1418	41	40	Private
Colorado School of Mines	1415	42	2	Public
Tulane University	1415	42	41	Private
University of North Carolina - Chapel Hill	1415	42	2	Public
Vassar College	1415	42	41	Private
Georgia Institute of Technology	1410	46	4	Public
University of California - Berkeley	1405	47	5	Public
Wellesley College	1405	47	43	Private
Denison University	1400	49	44	Private
Hillsdale College	1400	49	44	Private
Santa Clara University	1400	49	44	Private
Southern Methodist University	1400	49	44	Private
U.S. Air Force Academy	1400	49	6	Public
University of Miami	1400	49	44	Private



The Top 200 Institutions – SAT Scores (2016)

Top 55-103 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
Emory University	1395	55	49	Private
Hamilton College (NY)	1390	56	50	Private
University of Southern California	1390	56	50	Private
Reed College	1380	58	52	Private
Rensselaer Polytechnic Institute	1380	58	52	Private
Rose-Hulman Institute of Technology	1380	58	52	Private
University of Tulsa	1380	58	52	Private
Wheaton College (IL)	1380	58	52	Private
Brandeis University	1375	63	57	Private
Barnard College	1370	64	58	Private
Colby College	1370	64	58	Private
New York University	1365	66	60	Private
Scripps College	1365	66	60	Private
Boston College	1360	68	62	Private
Brigham Young University - Provo	1360	68	62	Private
College of William and Mary	1360	68	7	Public
Hendrix College	1360	68	62	Private
Lewis & Clark College	1360	68	62	Private
Ohio State University - Columbus	1360	68	7	Public
Rhodes College (TN)	1360	68	62	Private
University of Illinois - Urbana-Champaign	1360	68	7	Public
University of Wisconsin - Madison	1360	68	7	Public
Jewish Theological Seminary of America	1353	77	67	Private
Oberlin College	1350	78	68	Private
Stevens Institute of Technology	1350	78	68	Private
University of Virginia	1350	78	11	Public
Davidson College	1345	81	70	Private
Emory University-Oxford College	1345	81	70	Private
California Polytechnic State Univ. - San Luis Obispo	1340	83	12	Public
Centre College	1340	83	72	Private
Clemson University	1340	83	12	Public
Illinois Institute of Technology	1340	83	72	Private
Lawrence University	1340	83	72	Private
Miami University - Oxford	1340	83	12	Public
North Carolina State University	1340	83	12	Public
St. Olaf College	1340	83	72	Private
University of Denver	1340	83	72	Private
University of Minnesota - Twin Cities	1340	83	12	Public
Bryn Mawr College	1335	93	77	Private
Lehigh University	1325	94	78	Private
Baylor University	1320	95	79	Private
Boston University	1320	95	79	Private
Missouri University of Science and Technology	1320	95	17	Public
Saint Louis University - St. Louis	1320	95	79	Private
University of Alabama - Huntsville	1320	95	17	Public
University of Richmond	1320	95	79	Private
University of San Diego	1320	95	79	Private
Villanova University	1320	95	79	Private
Binghamton University	1315	103	19	Public
University of California - Los Angeles	1315	103	19	Public
University of Maryland - College Park	1315	103	19	Public

The Top 200 Institutions – SAT Scores (2016)

Top 106-154 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
Occidental College	1310	106	85	Private
St. John's College (MD)	1310	106	85	Private
University of California - San Diego	1310	106	22	Public
Whitman College	1310	106	85	Private
Butler University	1305	110	88	Private
Drake University	1305	110	88	Private
Michigan Technological University	1305	110	23	Public
Milwaukee School of Engineering	1305	110	88	Private
Texas Christian University	1305	110	88	Private
University of Colorado - Boulder	1305	110	23	Public
University of South Carolina - Columbia	1305	110	23	Public
Lafayette College	1295	117	92	Private
Auburn University	1290	118	26	Public
Beloit College	1290	118	93	Private
Bucknell University	1290	118	93	Private
College of Wooster	1290	118	93	Private
Creighton University	1290	118	93	Private
Florida State University	1290	118	26	Public
Illinois Wesleyan University	1290	118	93	Private
Kettering University	1290	118	93	Private
Mercer University	1290	118	93	Private
Truman State University	1290	118	26	Public
University of Alabama - Tuscaloosa	1290	118	26	Public
University of Tennessee - Knoxville	1290	118	26	Public
George Washington University	1288	130	100	Private
Sarah Lawrence College	1285	131	101	Private
U.S. Military Academy	1285	131	31	Public
U.S. Naval Academy	1285	131	31	Public
University of Pittsburgh - Pittsburgh	1285	131	31	Public
Belmont University	1275	135	102	Private
Berry College	1275	135	102	Private
Covenant College	1275	135	102	Private
DePauw University	1275	135	102	Private
Florida Southern College	1275	135	102	Private
Loyola University Chicago	1275	135	102	Private
Marquette University	1275	135	102	Private
Michigan State University	1275	135	34	Public
South Dakota School of Mines and Technology	1275	135	34	Public
Union University	1275	135	102	Private
University of Dayton	1275	135	102	Private
University of Florida	1275	135	34	Public
University of St. Thomas (MN)	1275	135	102	Private
University of Texas - Austin	1275	135	34	Public
Wofford College	1275	135	102	Private
Zaytuna College	1275	135	102	Private
Babson College	1270	151	114	Private
Fordham University	1270	151	114	Private
U.S. Merchant Marine Academy	1270	151	38	Public
Trinity University	1265	154	116	Private

The Top 200 Institutions – SAT Scores (2016)

Top 155-200 Institutions in Median SAT Scores	Median SAT Score	National Rank	Control Rank	Institutional Control
Augustana University (SD)	1260	155	117	Private
Calvin College	1260	155	117	Private
Cedarville University	1260	155	117	Private
Cornell College	1260	155	117	Private
Hope College	1260	155	117	Private
John Brown University	1260	155	117	Private
King's College (NY)	1260	155	117	Private
Loyola University - New Orleans	1260	155	117	Private
New Mexico Institute of Mining and Technology	1260	155	39	Public
Samford University	1260	155	117	Private
St. Louis College of Pharmacy	1260	155	117	Private
Stony Brook University	1260	155	39	Public
University of Arkansas - Fayetteville	1260	155	39	Public
University of Evansville	1260	155	117	Private
University of Kansas - Lawrence	1260	155	39	Public
University of Missouri - Columbia	1260	155	39	Public
University of Oklahoma - Norman	1260	155	39	Public
University of Texas - Dallas	1260	155	39	Public
Valparaiso University	1260	155	117	Private
Hobart William Smith Colleges	1255	174	129	Private
University of California - Santa Barbara	1255	174	46	Public
Thomas Aquinas College	1250	176	130	Private
American University	1245	177	131	Private
New College of Florida	1245	177	47	Public
University of Washington - Seattle	1245	177	47	Public
Birmingham-Southern College	1240	180	132	Private
City University of NY - Bernard M. Baruch College	1240	180	49	Public
Colorado State University - Fort Collins	1240	180	49	Public
Lawrence Technological University	1240	180	132	Private
Louisiana State University - Baton Rouge	1240	180	49	Public
Luther College	1240	180	132	Private
Millsaps College	1240	180	132	Private
Ohio Northern University	1240	180	132	Private
Oklahoma City University	1240	180	132	Private
Rockhurst University	1240	180	132	Private
Taylor University	1240	180	132	Private
University of Cincinnati - Cincinnati	1240	180	49	Public
University of Georgia	1240	180	49	Public
University of Iowa	1240	180	49	Public
University of Kentucky	1240	180	49	Public
University of Louisville	1240	180	49	Public
University of Mississippi - Oxford	1240	180	49	Public
University of North Carolina - Asheville	1240	180	49	Public
Xavier University (OH)	1240	180	132	Private
Rochester Institute of Technology	1235	199	141	Private
New Saint Andrews College	1230	200	142	Private
Rutgers University - New Brunswick	1230	200	59	Public
University of Connecticut - Storrs	1230	200	59	Public
University of Massachusetts - Amherst	1230	200	59	Public

The Top 200 Institutions – National Merit Scholars (2017)

Top 1-48 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
University of Oklahoma - Norman	317	1	1	Public
University of Chicago	259	2	1	Private
University of Southern California	257	3	2	Private
Harvard University	219	4	3	Private
Vanderbilt University	219	4	3	Private
University of Florida	202	6	2	Public
Northwestern University	200	7	5	Private
Stanford University	168	8	6	Private
University of Texas - Dallas	160	9	3	Public
University of Minnesota - Twin Cities	159	10	4	Public
Massachusetts Institute of Technology	156	11	7	Private
Yale University	156	11	7	Private
Northeastern University	153	13	9	Private
Texas A&M University - College Station	148	14	5	Public
Purdue University - West Lafayette	141	15	6	Public
University of California - Berkeley	136	16	7	Public
University of Alabama - Tuscaloosa	134	17	8	Public
Arizona State University	126	18	9	Public
Princeton University	123	19	10	Private
University of Pennsylvania	112	20	11	Private
University of Kentucky	103	21	10	Public
Duke University	98	22	12	Private
University of Michigan - Ann Arbor	90	23	11	Public
University of Texas - Austin	90	23	11	Public
University of Central Florida	89	25	13	Public
Brown University	87	26	13	Private
Cornell University	76	27	14	Private
Baylor University	72	28	15	Private
Columbia University	68	29	16	Private
University of Maryland - College Park	66	30	14	Public
Georgia Institute of Technology	65	31	15	Public
Case Western Reserve University	64	32	17	Private
University of Cincinnati - Cincinnati	64	32	16	Public
Brigham Young University - Provo	63	34	18	Private
Auburn University	59	35	17	Public
Indiana University - Bloomington	57	36	18	Public
Rice University	57	36	19	Private
University of California - Los Angeles	57	36	18	Public
University of South Carolina - Columbia	55	39	20	Public
Michigan State University	54	40	21	Public
Clemson University	51	41	22	Public
University of Arkansas - Fayetteville	50	42	23	Public
University of Notre Dame	48	43	20	Private
Emory University	47	44	21	Private
Fordham University	47	44	21	Private
Harvey Mudd College	47	44	21	Private
Carleton College	46	47	24	Private
Johns Hopkins University	45	48	25	Private
Rutgers University - New Brunswick	45	48	24	Public
University of Georgia	45	48	24	Public

The Top 200 Institutions – National Merit Scholars (2017)

Top 51-98 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
Boston University	42	51	26	Private
Dartmouth College	41	52	27	Private
University of Virginia	41	52	26	Public
Washington University in St. Louis	38	54	28	Private
Carnegie Mellon University	36	55	29	Private
Tufts University	36	55	29	Private
Georgetown University	35	57	31	Private
Mississippi State University	35	57	27	Public
University of Kansas - Lawrence	35	57	27	Public
University of Nebraska - Lincoln	35	57	27	Public
University of Mississippi - Oxford	34	61	30	Public
University of Utah	33	62	31	Public
Tulane University	32	63	32	Private
University of Illinois - Urbana-Champaign	31	64	32	Public
University of Iowa	31	64	32	Public
Ohio State University - Columbus	30	66	34	Public
University of Alabama - Birmingham	30	66	34	Public
University of Arizona	30	66	34	Public
Iowa State University	29	69	37	Public
University of North Carolina - Chapel Hill	29	69	37	Public
California Institute of Technology	28	71	33	Private
University of Rochester	27	72	34	Private
University of North Texas	26	73	39	Public
University of Tulsa	26	73	35	Private
Florida State University	25	75	40	Public
Louisiana State University - Baton Rouge	24	76	41	Public
Grinnell College	22	77	36	Private
Rochester Institute of Technology	22	77	36	Private
University of Idaho	22	77	42	Public
University of Louisville	22	77	42	Public
University of Miami	22	77	36	Private
Bowdoin College	21	82	39	Private
George Washington University	21	82	39	Private
Oberlin College	21	82	39	Private
Rensselaer Polytechnic Institute	21	82	39	Private
Washington and Lee University	21	82	39	Private
University of Tennessee - Knoxville	20	87	44	Public
Williams College	20	87	44	Private
Stony Brook University	19	89	45	Public
University of Nevada - Reno	19	89	45	Public
University of Wisconsin - Madison	19	89	45	Public
Miami University - Oxford	18	92	48	Public
Pennsylvania State University - University Park	18	92	48	Public
Brandeis University	17	94	45	Private
Missouri University of Science and Technology	17	94	50	Public
University of Missouri - Columbia	17	94	50	Public
West Virginia University	17	94	50	Public
Southern Methodist University	16	98	46	Private
University of California - San Diego	16	98	53	Public

The Top 200 Institutions – National Merit Scholars (2017)

Top 100-132 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
Colorado College	15	100	47	Private
Hillsdale College	15	100	47	Private
Rose-Hulman Institute of Technology	15	100	47	Private
University of South Florida - Tampa	15	100	54	Public
University of Washington - Seattle	15	100	54	Public
Boston College	14	105	50	Private
University of Houston - University Park	14	105	56	Public
Franklin W. Olin College of Engineering	13	107	51	Private
Oregon State University	13	107	57	Public
St. Olaf College	13	107	51	Private
Texas Tech University	13	107	57	Public
Belmont University	12	111	53	Private
Montana State University - Bozeman	12	111	59	Public
New York University	12	111	53	Private
University of Pittsburgh - Pittsburgh	12	111	59	Public
Villanova University	12	111	53	Private
Lehigh University	11	116	56	Private
Macalester College	11	116	56	Private
North Carolina State University	11	116	61	Public
North Dakota State University	11	116	61	Public
Oklahoma State University - Stillwater	11	116	61	Public
Pomona College	11	116	56	Private
Washington State University - Pullman	11	116	61	Public
Wellesley College	11	116	56	Private
Wheaton College (IL)	11	116	56	Private
Harding University	10	125	61	Private
Kenyon College	10	125	61	Private
Trinity University	10	125	61	Private
Calvin College	9	128	64	Private
Liberty University	9	128	64	Private
Truman State University	9	128	65	Public
University of New Mexico - Albuquerque	9	128	65	Public
Centre College	8	132	66	Private
Colby College	8	132	66	Private
Colorado State University - Fort Collins	8	132	67	Public
Davidson College	8	132	66	Private
Middlebury College	8	132	66	Private
Smith College	8	132	66	Private
University of Missouri - Kansas City	8	132	67	Public
University of Richmond	8	132	66	Private

The Top 200 Institutions – National Merit Scholars (2017)

Top 140-167 Institutions in National Merit Scholars	Number of Scholars	National Rank	Control Rank	Institutional Control
Butler University	7	140	72	Private
College of William and Mary	7	140	69	Public
DePauw University	7	140	72	Private
Kansas State University	7	140	69	Public
Lawrence University	7	140	72	Private
Louisiana Tech University	7	140	69	Public
Oklahoma Christian University	7	140	72	Private
Rhodes College (TN)	7	140	72	Private
University of Dallas	7	140	72	Private
University of Evansville	7	140	72	Private
University of Maine - Orono	7	140	69	Public
University of North Dakota	7	140	69	Public
Amherst College	6	152	79	Private
Barnard College	6	152	79	Private
Bethel University (MN)	6	152	79	Private
Drake University	6	152	79	Private
Hope College	6	152	79	Private
Lewis & Clark College	6	152	79	Private
Loyola University Chicago	6	152	79	Private
Michigan Technological University	6	152	74	Public
Occidental College	6	152	79	Private
Pepperdine University	6	152	79	Private
Scripps College	6	152	79	Private
Texas Christian University	6	152	79	Private
University of California - Santa Barbara	6	152	74	Public
University of St. Thomas (MN)	6	152	79	Private
Wayne State University	6	152	74	Public
Bucknell University	5	167	91	Private
Gordon College (MA)	5	167	91	Private
Gustavus Adolphus College	5	167	91	Private
Hendrix College	5	167	91	Private
Luther College	5	167	91	Private
Saint Louis University - St. Louis	5	167	91	Private
Santa Clara University	5	167	91	Private
University of Alabama - Huntsville	5	167	77	Public
University of California - Davis	5	167	77	Public
University of Connecticut - Storrs	5	167	77	Public
Virginia Commonwealth University	5	167	77	Public
Virginia Polytechnic Institute and State University	5	167	77	Public
Wichita State University	5	167	77	Public



## Source Notes

### Total Research Expenditures Federal Research Expenditures

Source: Higher Education Research and Development (HERD) Survey, FY 2016

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-Commonfund Study of Endowment, endowment market value as of June 30, 2017.

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 2017.

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 2017.

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, 2016-17
- Beckman Young Investigators, 2017
- Burroughs Wellcome Fund Career Awards, 2017
- Cottrell Scholars, 2017
- Fulbright American Scholars, 2017-18
- Getty Scholars in Residence, 2017-18
- Guggenheim Fellows, 2017
- Howard Hughes Medical Institute Investigators, 2017
- Lasker Medical Research Awards, 2017
- MacArthur Foundation Fellows, 2017

- National Endowment for the Humanities (NEH) Fellows, 2018
- National Humanities Center Fellows, 2017-18
- National Institutes of Health (NIH) MERIT (R37), FY 2017
- NSF CAREER awards, 2017
- Newberry Library Long-term Fellows, 2017-18
- Pew Scholars in Biomedicine, 2017
- Presidential Early Career Awards for Scientists and Engineers (PECASE), 2015-2017
- Robert Wood Johnson Policy Fellows, 2017-18
- Searle Scholars, 2017
- Sloan Research Fellows, 2017
- Woodrow Wilson Fellows, 2017-18

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, 2016, and June 30, 2017.

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 2016.

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 2016.

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 2016-17 National Merit Scholarship Corporation Annual Report, which reflects the 2017 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, 2016, and June 30, 2017.

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 2016.

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, 2016.

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 2016

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 2016 federal research.

**Data Notes for Universities with Over \$40 Million in Federal Research**

University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
<b>Arizona State University</b>			
2017 Doctorates		677	Combined IPEDS reported data.
<b>Auburn University</b>			
2017 Endowment		738,018	Estimate at least 97% is main campus.
2017 Giving		104,418	Estimate at least 97% is main campus.
<b>Augusta University</b>			
2016 Endowment	210,595	212,447	Revised 2016 NACUBO.
<b>California Institute of Technology</b>			
2016 Endowment	2,106,724	2,217,372	Revised 2016 NACUBO.
<b>Cleveland State University</b>			
2017 Endowment		76,400	Substituted 2017 VSE. Did not report to NACUBO.
<b>Cold Spring Harbor Laboratory</b>			
2017 Endowment			Did not report to NACUBO, VSE or IPEDS in 2017.
<b>Colorado State University - Fort Collins</b>			
2017 Giving		60,531	Substituted 2017 IPEDS.
<b>Cornell University</b>			
2016 Federal R&D	427,940	280,461	Estimate 65.5% based on university documents.
2016 Total R&D	956,184	588,513	Estimate 61.5% based on university documents.
2017 Endowment	6,757,750	5,298,076	Estimate 78.4% based on published documents.
2017 Giving	743,503	621,155	Estimate 83.5% based on 2017 IPEDS.
<b>Georgetown University</b>			
2017 Giving		143,251	Substituted 2017 IPEDS.
<b>Icahn School of Medicine at Mount Sinai</b>			
2017 Endowment		675,121	Substituted 2017 IPEDS. Did not report to NACUBO nor VSE.
2017 Giving		98,578	Substituted 2017 IPEDS.
<b>Indiana University - Bloomington</b>			
2017 Endowment	2,229,361	1,081,730	Substituted 2017 IPEDS.
2017 Giving	398,260	276,434	Estimate based on IPEDS and university documents.
<b>Kansas State University</b>			
2016 SAT			Does not require SAT/ACT.
<b>Louisiana State University - Baton Rouge</b>			
2017 Endowment	835,176	457,333	Substituted 2017 VSE.



Data Notes for Universities with Over \$40 Million in Federal Research			
University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
<b>Massachusetts Institute of Technology</b>			
2016 Endowment	13,181,515	13,433,036	Revised 2016 NACUBO.
<b>Medical College of Wisconsin</b>			
2017 Giving		38,743	Substituted 2017 IPEDS.
<b>Michigan State University</b>			
2017 Endowment		3,075,113	Combined university and foundation.
<b>New Mexico State University - Las Cruces</b>			
2016 Endowment	214,778	152,317	Revised 2016 NACUBO.
2017 Endowment		167,496	Estimate at least 97% is main campus.
<b>Ohio State University - Columbus</b>			
2017 Endowment		4,253,459	Estimate at least 97% is main campus.
2017 Giving		401,850	Estimate at least 97% is main campus.
<b>Oklahoma State University - Stillwater</b>			
2017 Endowment		386,595	Substituted 2017 IPEDS. Did not report to NACUBO nor VSE.
<b>Pennsylvania State University - Hershey Medical Center</b>			
2016 Federal R&D	532,669	69,425	Estimate 13.0% based on university documents.
2016 Postdocs	461	123	Estimate 26.7% based on postdoc disciplines.
2016 Total R&D	809,985	105,298	Estimate 13.0% based on university documents.
2017 Endowment	3,990,781	498,497	Substituted data from published documents.
2017 Giving	198,750	34,781	Estimate 17.5% based on university documents.
<b>Pennsylvania State University - University Park</b>			
2016 Federal R&D	532,669	463,244	Estimate 87.0% based on university documents.
2016 Postdocs	461	338	Estimate 73.3% based on postdoc disciplines.
2016 Total R&D	809,985	704,687	Estimate 87.0% based on university documents.
2017 Endowment	3,990,781	2,118,610	Substituted data from published documents.
2017 Giving	198,750	148,864	Estimate 74.9% based on university documents.
<b>Purdue University - West Lafayette</b>			
2017 Endowment		2,424,872	Estimate at least 97% is main campus.
2017 Giving		152,638	Estimate at least 97% is main campus.
<b>Rockefeller University</b>			
2016 Endowment	1,927,404	1,887,407	Revised 2016 NACUBO.
2017 Giving		8,357	Substituted 2017 IPEDS.

**Data Notes for Universities with Over \$40 Million in Federal Research**

University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
<b>Rush University</b>			
2017 Giving		6,375	Substituted 2017 IPEDS.
<b>Rutgers University - New Brunswick</b>			
2017 Endowment	1,220,265	985,463	Substituted 2017 IPEDS.
2017 Giving	164,572	113,555	Estimate 69.0% based on university documents.
<b>Scripps Research Institute</b>			
2017 Endowment			Did not report to NACUBO, VSE or IPEDS in 2017.
<b>Temple University</b>			
2016 SAT			Does not require SAT/ACT.
<b>Texas A&amp;M University - College Station</b>			
2017 Endowment	11,556,260	10,908,003	Substituted 2017 VSE.
<b>Thomas Jefferson University</b>			
2017 Endowment		539,088	Substituted 2017 VSE. Did not report to NACUBO.
<b>Tulane University</b>			
2016 Endowment	1,171,314	1,150,687	Revised 2016 NACUBO.
<b>U.S. Air Force Academy</b>			
2017 Endowment		123,000	Substituted 2017 VSE. Did not report to NACUBO.
<b>Uniformed Services University of the Health Sciences</b>			
2017 Endowment			Did not report to NACUBO, VSE or IPEDS in 2017.
<b>University of Alabama - Birmingham</b>			
2017 Endowment	1,351,160	475,558	Substituted 2017 VSE.
<b>University of Alabama - Huntsville</b>			
2017 Endowment	1,351,160	75,244	Substituted 2017 VSE.
<b>University of Alaska - Fairbanks</b>			
2017 Endowment	320,705	187,163	Estimate 58.4% based on IPEDS.
2017 Giving		24,561	Estimate at least 97% is main campus.
<b>University of Arizona</b>			
2016 SAT			Does not require SAT/ACT.
<b>University of Arkansas for Medical Sciences</b>			
2017 Endowment		34,830	Substituted 2017 IPEDS. Did not report to NACUBO nor VSE.
2017 Giving		20,958	Substituted 2017 IPEDS.
<b>University of California - Berkeley</b>			
2017 Endowment	1,794,602	4,271,453	Substituted 2017 VSE.



Data Notes for Universities with Over \$40 Million in Federal Research			
University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
University of California - Davis			
2017 Endowment	398,274	1,107,701	Substituted 2017 VSE.
University of California - Los Angeles			
2017 Endowment	2,062,573	4,356,826	Substituted 2017 VSE.
University of California - Riverside			
2017 Endowment		226,990	Substituted 2017 VSE. Did not report to NACUBO.
University of California - San Diego			
2017 Endowment	621,440	1,339,164	Substituted 2017 VSE.
University of California - San Francisco			
2017 Endowment	1,306,564	2,545,101	Substituted 2017 VSE.
University of California - Santa Barbara			
2016 Endowment	273,679	274,371	Revised 2016 NACUBO.
University of California - Santa Cruz			
2017 Endowment	96,954	191,185	Substituted 2017 VSE.
University of Cincinnati - Cincinnati			
2017 Endowment		1,282,743	Estimate at least 97% is main campus.
University of Colorado - Boulder			
2017 Endowment	1,220,204	596,407	Substituted data from published documents.
2017 Giving	312,786	134,126	Estimate 42.9% based on university documents.
University of Colorado - Denver/Anschutz Medical			
2017 Endowment	1,220,204	493,142	Substituted data from published documents.
2017 Giving	312,786	178,660	Estimate 57.1% based on university documents.
University of Connecticut - Health Center			
2016 Federal R&D	143,955	44,029	Estimate 30.6% based on university documents.
2016 Postdocs	233	95	Estimate 40.8%% based on postdoc disciplines.
2016 Total R&D	257,958	78,897	Estimate 30.6% based on university documents.
2017 Doctorates	361	33	Estimate based on university factbook.
2017 Endowment	421,894	105,934	Estimate 25.1% based on published documents.
2017 Giving	57,206	4,748	Estimate 8.3% based on university documents.
University of Connecticut - Storrs			
2016 Federal R&D	143,955	99,926	Estimate 69.4% based on university documents.
2016 Postdocs	233	138	Estimate 59.2% based on postdoc disciplines.
2016 Total R&D	257,958	179,061	Estimate 69.4% based on university documents.
2017 Doctorates	361	328	Estimate based on university factbook.
2017 Endowment	421,894	315,960	Estimate 74.9% based on published documents.
2017 Giving	57,206	52,458	Estimate 91.7% based on university documents.

**Data Notes for Universities with Over \$40 Million in Federal Research**

University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
University of Dayton			
2017 Giving		37,840	Substituted 2017 IPEDS.
University of Hawaii - Manoa			
2017 Endowment		307,777	Estimate at least 97% is main campus.
University of Houston - University Park			
2017 Endowment	962,297	453,268	Substituted 2017 VSE.
University of Illinois - Chicago			
2017 Endowment	2,556,723	321,559	Substituted 2017 VSE.
University of Illinois - Urbana-Champaign			
2017 Endowment	2,556,723	1,659,338	Substituted 2017 VSE.
University of Kansas - Lawrence			
2016 Federal R&D	117,549	79,916	Estimate 68.0% based on university documents.
2016 Postdocs	190	91	Estimate 47.9% based on postdoc disciplines.
2016 Total R&D	241,656	164,291	Estimate 68.0% based on university documents.
2017 Doctorates	353	310	Estimate based on KS Board of Regents data book and IPEDS Completions.
2017 Endowment	1,612,337	1,248,665	Estimate 77.4% based on published documents.
2017 Giving	171,663	137,330	Estimate 80.0% based on university documents.
University of Maryland - Baltimore			
2017 Endowment	1,099,864	289,659	Substituted 2017 VSE.
University of Maryland - Baltimore County			
2017 Endowment	1,099,864	87,532	Substituted 2017 VSE.
University of Maryland - College Park			
2017 Endowment	316,109	518,808	Substituted 2017 VSE.
University of Massachusetts - Amherst			
2017 Endowment	819,687	323,759	Substituted 2017 VSE.
University of Massachusetts Medical School - Worcester			
2017 Endowment	819,687	204,717	Substituted 2017 IPEDS.
2017 Giving		6,413	Substituted 2017 IPEDS.
University of Michigan - Ann Arbor			
2017 Endowment		10,936,014	Estimate at least 97% is main campus.
2017 Giving		456,132	Estimate at least 97% is main campus.
University of Minnesota - Twin Cities			
2017 Endowment		3,493,641	Estimate at least 97% is main campus.
2017 Giving	339,394	326,158	Estimate 96.1% based on IPEDS and university documents.

Data Notes for Universities with Over \$40 Million in Federal Research			
University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
University of Missouri - Columbia			
2017 Endowment	1,603,230	970,162	Substituted 2017 VSE.
University of Nebraska - Lincoln			
2017 Endowment	1,616,900	958,039	Estimate 59.3% based on 2017 IPEDS.
2017 Giving	210,688	104,678	Estimate 49.7% based on 2017 IPEDS.
University of Nebraska Medical Center			
2017 Endowment	1,616,900	254,949	Estimate 15.8% based on 2017 IPEDS.
2017 Giving	210,688	106,010	Estimate 50.3% based on 2017 IPEDS.
University of New Hampshire - Durham			
2017 Endowment		363,202	Substituted 2017 VSE. Did not report to NACUBO.
University of New Mexico - Albuquerque			
2017 Giving		90,227	Estimate at least 97% is main campus.
University of North Dakota			
2016 Endowment	230,656	230,461	Revised 2016 NACUBO.
University of Oklahoma - Health Sciences Center			
2016 Federal R&D	128,260	56,107	Estimate 43.7% based on university documents.
2016 Total R&D	240,239	109,493	Estimate 45.6% based on university documents.
2017 Endowment	1,646,184	541,406	Estimate 32.9% based on IPEDS.
2017 Giving	302,983	42,763	Estimate 14.1% based on 2017 IPEDS.
University of Oklahoma - Norman			
2016 Federal R&D	128,260	72,153	Estimate 56.3% based on university documents.
2016 Total R&D	240,239	130,746	Estimate 54.4% based on university documents.
2017 Endowment	1,646,184	1,104,778	Estimate 67.1% based on IPEDS.
2017 Giving	302,983	260,220	Estimate 85.9% based on 2017 IPEDS.
University of Rochester			
2016 SAT			Did not report SAT/ACT.
University of South Carolina - Columbia			
2017 Giving		174,208	Estimate at least 97% is main campus.
University of South Florida - Tampa			
2017 Giving		52,986	Estimate at least 97% is main campus.
University of Tennessee - Knoxville			
2017 Endowment	1,214,619	659,489	Substituted 2017 VSE.
University of Texas - Austin			
2017 Endowment	26,535,095	11,867,843	Substituted 2017 VSE.

**Data Notes for Universities with Over \$40 Million in Federal Research**

University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
University of Texas - El Paso			
2017 Endowment	26,535,095	241,666	Substituted 2017 VSE.
University of Texas Health Science Center - Houston			
2017 Endowment	26,535,095	385,822	Substituted 2017 VSE.
University of Texas Health Science Center - San Antonio			
2017 Endowment	26,535,095	550,950	Substituted 2017 VSE.
University of Texas MD Anderson Cancer Center			
2017 Endowment	26,535,095	1,317,622	Substituted 2017 VSE.
University of Texas Medical Branch - Galveston			
2017 Endowment	26,535,095	539,846	Substituted 2017 VSE.
University of Texas SW Medical Center - Dallas			
2017 Endowment	26,535,095	1,819,970	Substituted 2017 VSE.
University of Utah			
2016 Endowment	1,076,649	1,071,926	Revised 2016 NACUBO.
University of Vermont			
2017 Endowment		521,867	Substituted 2017 VSE. Did not report to NACUBO.
University of Washington - Seattle			
2016 Endowment	2,968,013	2,237,511	Revised 2016 NACUBO.
2017 Endowment		2,529,250	Estimate at least 97% is main campus.
2017 Giving		553,891	Estimate at least 97% is main campus.
University of Wisconsin - Madison			
2017 Endowment	2,746,470	3,101,888	Substituted 2017 VSE.
University of Wyoming			
2017 Endowment		500,299	Combined university and foundation.
Vanderbilt University			
2016 Endowment	3,822,187	3,795,586	Revised 2016 NACUBO.
Wake Forest University			
2016 SAT			Does not require SAT/ACT.
Washington State University - Pullman			
2017 Endowment		974,029	Estimate at least 97% is main campus.
2017 Giving		82,555	Estimate at least 97% is main campus.
Washington University in St. Louis			
2016 Endowment	6,461,717	7,056,593	Revised 2016 NACUBO.
Wayne State University			
2017 Endowment		366,903	Substituted 2017 VSE. Did not report to NACUBO.

Data Notes for Universities with Over \$40 Million in Federal Research			
University / Statistics	Original Data (dollars in thousands)	MUP Data (dollars in thousands)	Comments
Weill Cornell Medical College			
2016 Federal R&D	427,940	147,479	Estimate 34.5% based on university documents.
2016 Total R&D	956,184	367,671	Estimate 38.5% based on university documents.
2017 Endowment	6,757,750	1,459,674	Estimate 21.6% based on published documents.
2017 Giving	743,503	122,348	Estimate 16.5% based on 2017 IPEDS.
Woods Hole Oceanographic Institution			
2017 Endowment			Did not report to NACUBO, VSE or IPEDS in 2017.
Yeshiva University			
2016 Federal R&D		218,787	Includes Albert Einstein College of Medicine.
2016 Total R&D		335,790	Includes Albert Einstein College of Medicine.
2016 Endowment	632,856	625,931	Revised 2016 NACUBO.

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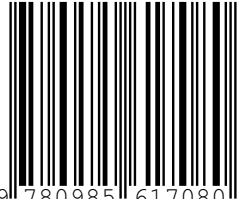
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