

**National Science Foundation  
FY 2010 Higher Education Research & Development Survey**

**Technical Note on Changes to Reporting Units**

Prior to the launch of the FY 2010 Higher Education R&D (HERD) Survey, NSF revised the reporting procedures to require survey responses from each geographically separate institution campus headed by a president or chancellor. The goals of the change to the reporting unit were to improve the comparability of institutions appearing in the ranking tables and to facilitate peer analysis by having data available at a similar level of detail for all institutions.

**Background**

Throughout the history of the survey, previously known as the Survey of R&D Expenditures at Universities and Colleges, some multi-campus institutions have responded at the aggregate level rather than the campus level. As a result, the academic R&D ranking tables published annually contained a mix of institutional reporting levels. Some institutions were ranked based on their all-campus R&D total (e.g., Louisiana State University, the University of Tennessee, the University of Minnesota) and others were ranked by their individual campus totals (e.g., the University of California, the University of Wisconsin, the University of Massachusetts). This created an inconsistent basis for institutional rankings that prompted numerous inquiries from the public as well as complaints from institutions being ranked at the campus level. As part of an overall survey redesign project, culminating in the launch of the FY 2010 HERD Survey, NSF decided to establish and apply more consistent criteria for defining the survey's reporting unit.

Seeking data user and respondent input, the consensus formed that it was more accurate and desirable to have campus-level data for all institutions and aggregate to a higher level if needed, rather than to obtain reports at a more aggregate level. After failing to identify any existing external sources with a satisfactory operational definition of "reporting unit", NSF sought to establish its own specific definition for the HERD survey reporting unit. The requirements were that it could be externally verified and consistently applied across all U.S. institutions. Thus, the decision was made to instruct institutions to report separately for each campus headed by a

president or chancellor. Branch locations with no campus president or chancellor were to be combined with the campus responsible for oversight of that branch.

## Identifying Reporting Units

Prior to the FY 2010 survey, an investigation was done to identify the campuses included within all of the surveyed institutions. While building the frame for the FY 2010 HERD Survey, a list of all academic institutions in the United States and its territories that granted a bachelor's degree or higher was created. This list was reviewed to identify all geographically separate institution campuses, headed by a president or chancellor, which were part of an aggregated unit included in the FY 2009 Academic R&D Survey population. In addition, all institutions labeled as "all campuses" in the FY 2009 HERD Survey were investigated to see if that label was correct and to identify any campus that should report separately. Table C-1 shows all institution name changes between the FY 2009 and FY 2010 surveys. In most cases institutions previously labeled as "all campuses" did not have more than one campus headed by a president or chancellor. Table C-1 also shows the separate campuses that were identified for twelve institutions that previously reported in the aggregate.<sup>1</sup>

## FY 2010 HERD Collection

Prior to fielding the FY 2010 survey a letter announcing the upcoming launch of the new survey was sent to all institution senior administrators. The letter also announced the change in reporting unit. Institutions identified by data collection staff as requiring a change to their reporting units were notified via email of the change and asked to provide separate survey reports for all applicable campuses.

For data users wanting to compare HERD data across university systems by aggregating member campuses, Table C-2 shows all institutions in the FY 2010 population by state, control and

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<sup>1</sup> After the close of the FY 2010 HERD data collection, additional campuses were identified that met the NSF criteria for separate reporting but had not been reported separately on the FY 2010 survey. The R&D expenditures of the University of Tennessee Institute of Agriculture (\$59 million) and the University of Tennessee Health Science Center (\$82 million) were included in the University of Tennessee Knoxville's report for FY 2010 (\$292 million total). These campuses will be reported separately for FY 2011. Washington State University's campuses of Spokane, Tri-Cities, and Vancouver are each administered by chancellors, but were included with the Washington State University Pullman campus for FY 2010. Washington State University's accounting system is not able to accurately identify expenditures by campus, but they are expected to have this capability within the next few years. The respondent estimated that the vast majority of the expenditures (96%) were for R&D conducted within the Pullman and Spokane campuses, which share faculty and projects.

system. Additionally, Table C-3 ranks institutions by total R&D expenditures using the institutional aggregations used in the previous survey's detailed statistical tables.

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TABLE C-1. Institution name changes between FY 2009 Academic Research and Development Survey and FY 2010 Higher Education Research and Development Survey

Institution name in FY 2009 survey	Institution name in FY 2010 survey
Alfred U. all campuses	Alfred U.
Auburn U. all campuses	Multiple campuses Auburn U. main campus Auburn U. Montgomery
Bowling Green State U. all campuses	Bowling Green State U.
Brigham Young U. all campuses	Brigham Young U.
CA State Polytechnic U. San Luis Obispo	CA Polytechnic State U., San Luis Obispo
C. of William and Mary	C. of William and Mary and Virginia Institute of Marine Science
Concordia C. (Moorhead, MN)	Concordia C.
Cooper Union	Cooper Union, The
Cornell U. all campuses	Cornell U.
Fairleigh Dickinson U. all campuses	Fairleigh Dickinson U.
GA Institute of Technology all campuses	GA Institute of Technology
Hamilton C. (Clinton, NY)	Hamilton C.
IN State U. all campuses	IN State U.
IN U. all campuses	Multiple campuses IN U. Bloomington IN U. South Bend IN U. Southeast IN U.-Purdue U. Indianapolis
Indiana U. PA all campuses	Indiana U. PA
John Bastyr C. of Naturopathic Medicine	Bastyr U.
Kent State U. all campuses	Kent State U.
Lincoln U. (Lincoln University, PA)	Lincoln U. of the Commonwealth of PA
Long Island U. all campuses	Long Island U.
Mercer U. all campuses	Mercer U.
Miami U. all campuses	Miami U.
Midwestern U. (Chicago, IL)	Midwestern U. (Downers Grove, IL)
ND State U. all campuses	ND State U.
NM State U. main campus	NM State U.
NY Institute of Technology all campuses	NY Institute of Technology
OH State U. all campuses	OH State U.
OH U. all campuses	OH U.
OK State U. all campuses	Multiple campuses OK State U. Ctr. for Health Sciences OK State U. Institute of Technology OK State U. main campus OK State U. Tulsa
Pace U. all campuses	Pace U.
PA State U. all campuses	Multiple campuses PA State U. Altoona PA State U. Beaver PA State U. Berks PA State U. Erie, The Behrend C. PA State U. Great Valley School of Graduate Professional Studies PA State U. Harrisburg PA State U. University Park and Hershey Medical Ctr. PA State U. Worthington-Scranton
Purdue U. all campuses	Multiple campuses IN U.-Purdue U. Fort Wayne Purdue U. Calumet Purdue U. main campus Purdue U. North Central
Roger Williams U. Bristol	Roger Williams U.
Rutgers, The State U. NJ all campuses	Multiple campuses Rutgers, the State U. NJ-Camden Rutgers, the State U. NJ-New Brunswick

TABLE C-1. Institution name changes between FY 2009 Academic Research and Development Survey and FY 2010 Higher Education Research and Development Survey

Institution name in FY 2009 survey	Institution name in FY 2010 survey
	Rutgers, the State U. NJ-Newark
St. Francis U. (Loretto, PA)	St. Francis U.
St. Joseph's C. (North Windham, ME)	St. Joseph's C. (Standish, ME)
St. Louis U. all campuses	St. Louis U.
SUNY Buffalo all campuses	SUNY Buffalo
SUNY Stony Brook all campuses	SUNY Stony Brook
Syracuse U. all campuses	Syracuse U.
U. AK Anchorage all campuses	U. AK Anchorage
U. AK Fairbanks all campuses	U. AK Fairbanks
U. AK Southeast all campuses	U. AK Southeast
U. Akron all campuses	U. Akron
U. Cincinnati all campuses	U. Cincinnati
U. CT all campuses	U. CT
U. KS all campuses	U. KS
U. KY all campuses	U. KY
U. MI all campuses	Multiple campuses
	U. MI-Ann Arbor
	U. MI-Dearborn
	U. MI-Flint
U. MN all campuses	Multiple campuses
	U. MN Duluth
	U. MN Morris
	U. MN Rochester
	U. MN Twin Cities
U. MO-Rolla	MO U. of Science and Technology
U. MS	U. MS and U. MS Medical Center
U. ND all campuses	U. ND
U. NM main campus	U. NM
U. OK all campuses	U. OK
U. Pittsburgh all campuses	U. Pittsburgh main campus
U. SC all campuses	Multiple campuses
	U. SC Aiken
	U. SC Beaufort
	U. SC Columbia
	U. SC Upstate
U. South FL	Multiple campuses
	U. South FL
	U. South FL Polytechnic
	U. South FL Sarasota-Manatee
	U. South FL St. Petersburg
U. TN system office	U. TN Knoxville
U. VA all campuses	Multiple campuses
	U. VA
	U. VA's C. Wise, The
U. WA	Multiple campuses
	U. WA Bothell
	U. WA Seattle
	U. WA Tacoma
Wright State U. all campuses	Wright State U.

NOTE: In FY 2010 the National Science Foundation began collecting separate reports from all institution campuses headed by a president or chancellor. In prior years many institutions included data from several campuses in one report. The designation of "all campuses" has also been removed for all institutions in 2010 to help clarify the reporting unit. Each institution's report includes all branches and locations performing R&D and reporting to the named campus's president or chancellor.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Alabama	850,072
Public	834,491
AL A&M U.	30,497
AL State U.	16,340
Auburn U. System	145,466
Auburn U. main campus	145,115
Auburn U. Montgomery	351
Jacksonville State U.	398
U. AL System	606,290
U. AL, The	40,762
U. AL Birmingham, The	489,845
U. AL Huntsville, The	75,683
U. South AL	35,500
Private	15,581
Tuskegee U.	15,581
Alaska	180,888
Public (U. AK System)	180,454
U. AK Anchorage	16,709
U. AK Fairbanks	161,986
U. AK Southeast	1,759
Private	434
AK Pacific U.	434
Arizona	944,795
Public (Arizona Board of Regents)	944,795
AZ State U.	329,345
Northern AZ U.	28,803
U. AZ	586,647
Arkansas	267,695
Public	267,039
AR State U. main campus	11,115
AR Tech U.	477
U. AR System	252,777
U. AR for Medical Sciences	119,518
U. AR Little Rock	11,007
U. AR main campus	113,909
U. AR Pine Bluff	8,343
U. Central AR	2,670
Private	656
Hendrix C.	656
California	7,830,745
Federal	103,510
Naval Postgraduate School	103,510
Public	5,431,593
CA State U., System	320,242
CA Polytechnic State U., San Luis Obispo	19,732
CA State Polytechnic U., Pomona	6,493
CA State U., Bakersfield	2,083
CA State U., Chico	2,881

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
CA State U., Dominguez Hills	2,743
CA State U., East Bay	1,312
CA State U., Fresno	8,698
CA State U., Fullerton	21,776
CA State U., Long Beach	15,494
CA State U., Los Angeles	7,714
CA State U., Monterey Bay	5,305
CA State U., Northridge	29,469
CA State U., Sacramento	15,207
CA State U., San Bernardino	1,851
CA State U., San Marcos	5,788
Humboldt State U.	9,845
San Diego State U.	99,137
San Francisco State U.	25,615
San Jose State U.	38,241
Sonoma State U.	858
U. CA System	5,111,351
U. CA Office of the President	72,542
U. CA, Berkeley	694,049
U. CA, Davis	679,915
U. CA, Irvine	327,594
U. CA, Los Angeles	936,995
U. CA, Merced	21,591
U. CA, Riverside	130,288
U. CA, San Diego	943,219
U. CA, San Francisco	935,509
U. CA, Santa Barbara	225,730
U. CA, Santa Cruz	143,919
Private	2,295,642
CA Institute of Technology	362,172
Chapman U.	3,830
Charles R. Drew U. of Medicine and Science	22,152
The Claremont Colleges	19,326
Claremont Graduate U.	7,116
Claremont McKenna C.	5,725
Harvey Mudd C.	3,214
Pitzer C.	347
Pomona C.	2,924
Fuller Theological Seminary	384
Loma Linda U.	35,990
Loyola Marymount U.	4,557
Mills C.	1,679
Mt. St. Mary's C. (Los Angeles, CA)	647
Occidental C.	2,289
Pepperdine U.	2,672
Santa Clara U.	3,816
Scripps Research Institute, The	387,298
Stanford U.	839,839
Touro U.-CA	1,600
U. Redlands	1,317
U. San Diego	2,934
U. San Francisco	2,124

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
U. Southern CA	592,791
U. of the Pacific	6,120
Vanguard U. of Southern CA	319 i
Western U. of Health Sciences	1,786
Colorado	1,179,500
Federal	62,097
U.S. Air Force Academy	62,097
Public	1,100,984
CO School of Mines	44,879
CO State U. System	303,309
CO State U.	302,896
CO State U. Pueblo	413
Ft. Lewis C.	392
Mesa State C.	1,799
U. CO System	747,998
U. CO Boulder	349,449
U. CO Colorado Springs	9,088
U. CO at Denver and Health Sciences Ctr.	389,461
U. Northern CO	2,607
Private	16,419
CO C.	671
U. Denver	15,748
Connecticut	888,949
Federal	680
U.S. Coast Guard Academy	680
Public	242,524
CT State U. System	4,616
Central CT State U.	776
Southern CT State U.	3,840
U. CT	237,908
Private	645,745
CT C.	1,532
Fairfield U.	9,294
Trinity C. (Hartford, CT)	1,875
U. Hartford	1,137
Wesleyan U.	8,397
Yale U.	623,510
Delaware	168,511
Public	168,511
DE State U.	15,200
U. DE	153,311
District of Columbia	470,217
Public (Board of Trustees of U. DC)	5,012
U. DC	5,012
Private	465,205
American U.	39,747
Catholic U. America, The	21,454
Gallaudet U.	7,652



TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
George Washington U.	196,917
Georgetown U.	159,355
Howard U.	40,080
Florida	2,005,395
Public (State University of Florida Board of Governors)	1,688,806
FL A&M U.	53,474
FL Atlantic U.	56,472
FL Gulf Coast U.	13,906
FL International U.	110,271
FL State U.	237,864
New C. FL	660
U. Central FL	117,985
U. FL	681,548
U. North FL	8,041
U. South FL System	390,828
U. South FL	385,029
U. South FL Polytechnic	642
U. South FL Sarasota-Manatee	732
U. South FL St. Petersburg	4,425
U. West FL	17,757
Private	316,589
Barry U.	897
Eckerd C.	327
Embry-Riddle Aeronautical U.	12,189
FL Institute of Technology	12,054
Jacksonville U.	335
Nova Southeastern U.	10,116
U. Miami	280,671
Georgia	1,626,783
Public (University System of Georgia Board of Regents)	1,018,210
Albany State U.	740
Armstrong Atlantic State U.	2,681
Ft. Valley State U.	5,310
GA Institute of Technology	615,833
GA Southern U.	3,704
GA State U.	81,015
Kennesaw State U.	1,854
Medical C. GA	72,015
North GA C. & State U.	197
Savannah State U.	1,874
Southern Polytechnic State U.	435
U. GA	230,803
U. West GA	1,749
Private	608,573
Agnes Scott C.	1,884
Clark Atlanta U.	8,515
Emory U.	529,453
Mercer U.	27,298
Morehouse C.	7,857
Morehouse School of Medicine	30,385
Spelman C.	3,181

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Hawaii	317,942
Public (U. HI System)	317,942
U. HI Hilo	14,857
U. HI Manoa	303,085
Idaho	126,433
Public	126,433
Boise State U.	18,731
ID State U.	20,495
U. ID	87,207
Illinois	2,253,068
Public	1,032,827
Chicago State U.	1,598
Eastern IL U.	751
Governors State U.	1,220
IL State U.	18,417
Northeastern IL U.	711
Northern IL U.	27,036
Southern IL U. System	101,705
Southern IL U. Carbondale	69,924
Southern IL U. Edwardsville	31,781
U. IL System	880,168
U. IL Chicago	362,939
U. IL Springfield	2,096
U. IL Urbana-Champaign	515,133
Western IL U.	1,221
Private	1,220,241
Augustana C. (Rock Island, IL)	465
Benedictine U.	186
Bradley U.	1,151
DePaul U.	4,889
IL Institute of Technology	36,554
IL Wesleyan U.	707
Lake Forest C.	533
Loyola U. Chicago	43,903
Midwestern U. (Downers Grove, IL)	3,626
National U. of Health Sciences	950
Northwestern U.	603,732
Rosalind Franklin U. of Medicine and Science	12,426
Rush U.	73,398
U. Chicago	437,721
Indiana	1,186,421
Public	1,070,076
Ball State U.	20,477
IN State U.	1,541
IN U.	475,192
IN U. Bloomington	177,520
IN U. South Bend	1,070
IN U. Southeast	408
IN U.-Purdue U. Indianapolis	296,194
Purdue U.	572,866
IN U.-Purdue U. Ft. Wayne	8,523

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Purdue U. Calumet	14,014
Purdue U. main campus	548,980
Purdue U. North Central	1,349
Private	116,345
DePauw U.	503
Rose-Hulman Institute of Technology	1,482
U. of Notre Dame	110,369
Valparaiso U.	791
Wabash C.	3,200
Iowa	706,667
Public (Iowa Board of Regents)	697,218
IA State U.	250,120
U. IA	444,034
U. Northern IA	3,064
Private	9,449
Coe C.	457
Des Moines U.	855
Drake U.	1,033
Grinnell C.	2,069
Luther C.	342
Palmer C. of Chiropractic	4,693
Kansas	482,901
Public	482,901
Haskell Indian Nations U.	978
Kansas Board of Regents	481,923
KS State U.	160,679
Pittsburg State U.	1,759
U. KS	267,961
Wichita State U.	51,524
Kentucky	575,277
Public (Kentucky Council on Postsecondary Education)	575,277
Eastern KY U.	3,531
KY State U.	4,912
Morehead State U.	2,145
Murray State U.	3,396
Northern KY U.	2,316
U. KY	359,944
U. Louisville	189,090
Western KY U.	9,943
Louisiana	713,675
Public (State of Louisiana Board of Regents)	531,113
Grambling State U.	993
LA State U. System	381,824
LA State U. and A&M C.	289,872
LA State U. Health Sciences Ctr. New Orleans	59,776
LA State U. Medical Ctr. Shreveport	30,817
LA State U. Shreveport	1,359
Nicholls State U.	2,590
Southern U. System	7,267
Southern U. Baton Rouge	6,865

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Southern U. New Orleans	402
U. LA System	138,439
LA Tech U.	26,020
McNeese State U.	1,077
Northwestern State U.	1,464
Southeastern LA U.	2,561
U. LA Lafayette	69,412
U. LA Monroe	2,884
U. New Orleans	35,021
Private	182,562
Dillard U.	8,425
Loyola U. New Orleans	595
Tulane U.	165,513
Xavier U. LA	8,029
Maine	137,516
Public (U. ME System)	127,640
U. ME	111,282
U. Southern ME	16,358
Private	9,876
Bates C.	1,590
Bowdoin C.	2,627
Colby C.	1,782
St. Joseph's C. (Standish, ME)	317
U. New England	3,560
Maryland	3,139,254
Federal	145,219
Uniformed Services U. of the Health Sciences	134,126
U.S. Naval Academy	11,093
Public	988,420
Morgan State U.	12,804
St. Mary's C. MD	342
U. System of MD	975,274
Frostburg State U.	521
Salisbury U.	3,503
Towson U.	3,052
U. Baltimore	4,229
U. MD Baltimore	374,036
U. MD Baltimore County	87,156
U. MD Ctr. for Environmental Science	42,670
U. MD College Park	451,415
U. MD Eastern Shore	8,692
Private	2,005,615
Goucher C.	485
Johns Hopkins U., The <sup>a</sup>	2,004,482
Loyola C.	648
Massachusetts	2,749,928
Public (Massachusetts System of Public Higher Education)	543,429
Bridgewater State C.	587
Fitchburg State C.	174

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
U. MA System	542,668
U. MA Amherst	169,143
U. MA Boston	56,416
U. MA Dartmouth	25,725
U. MA Lowell	59,345
U. MA Worcester	232,039
Private	2,206,499
Amherst C.	3,628
Boston C.	50,537
Boston U.	352,817
Brandeis U.	71,006
Clark U.	7,111
C. of the Holy Cross	1,275
Hampshire C.	569
Harvard U.	583,361
MA C. of Pharmacy and Health Sciences	232
MA Institute of Technology	677,138
Mt. Holyoke C.	2,788
New England C. of Optometry	1,457
Northeastern U.	79,949
Simmons C.	440
Smith C.	4,613
Tufts U.	156,106
Wellesley C.	8,422
Williams C.	4,691
Woods Hole Oceanographic Institution	181,746
Worcester Polytechnic Institute	18,613
Michigan	2,031,479
Public	2,008,943
Central MI U.	7,483
Eastern MI U.	14,133
Grand Valley State U.	5,044
MI State U.	431,373
MI Technological U.	63,471
Northern MI U.	910
Oakland U.	12,856
Saginaw Valley State U.	873
U. MI	1,191,917
U. MI-Ann Arbor	1,184,445
U. MI-Dearborn	6,779
U. MI-Flint	693
Wayne State U.	254,492
Western MI U.	26,391
Private	22,536
Andrews U.	1,195
Calvin C.	5,010
Hope C.	3,596
Kalamazoo C.	755
Kettering U.	6,880
Lawrence Technological U.	3,952
U. Detroit Mercy	1,148
Minnesota	831,754

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Public	816,540
Minnesota State Colleges and Universities System	8,396
MN State U. Mankato	3,837
St. Cloud State U.	4,184
Winona State U.	375
U. MN	808,144
U. MN Duluth	21,150
U. MN Morris	672
U. MN Rochester	248
U. MN Twin Cities	786,074
Private	15,214
Carleton C.	4,575
Concordia C.	617
Gustavus Adolphus C.	310
Macalester C.	4,389
Northwestern Health Sciences U.	1,779
St. John's U. (Collegeville, MN)	640
St. Olaf C.	1,574
U. of St. Thomas (St. Paul, MN)	1,330
Mississippi	443,625
Public (Mississippi State Institutions of Higher Learning)	439,925
Alcorn State U.	10,280
Jackson State U.	44,862
MS State U.	231,675
MS Valley State U.	1,029
U. MS and U. MS Medical Ctr.	110,020
U. Southern MS	42,059
Private	3,700
Millsaps C.	722
Tougaloo C.	2,978
Missouri	1,087,432
Public (Missouri Department of Higher Education)	342,681
Lincoln U. (Jefferson City, MO)	8,475
MO State U.	7,770
Truman State U.	882
U. MO System	325,554
MO U. of Science and Technology	42,263
U. MO-Columbia	238,500
U. MO-Kansas City	30,163
U. MO-St. Louis	14,628
Private	744,751
A. T. Still U. of Health Sciences	1,253
Kansas City U. of Medicine and Biosciences	685
St. Louis U.	46,839
Washington U. St. Louis	695,974
Montana	207,827
Public (Montana University System)	206,947
MT State U.	135,682
MT State U. Billings	598
MT State U. Bozeman	135,084

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
U. MT	71,265
MT Tech of the U. MT	7,424
U. MT Western, The	301
U. MT-Missoula, The	63,540
Private	880
Salish Kootenai C.	880
Nebraska	367,793
Public	340,093
U. NE System	340,093
U. NE Kearney	1,655
U. NE Omaha	8,951
U. NE Medical Ctr.	138,219
U. NE-Lincoln	191,268
Private	27,700
Creighton U.	27,700
Nevada	174,247
Public (Nevada System of Higher Education)	174,247
Desert Research Institute	34,367
U. NV, Las Vegas	44,457
U. NV, Reno	95,423
New Hampshire	310,956
Public (University System of New Hampshire)	116,815
Plymouth State U.	1,253
U. NH	115,562
Private	194,141
Dartmouth C.	194,141
New Jersey	1,079,319
Public	793,082
C. NJ, The	850
Montclair State U.	2,255
NJ City U.	188
NJ Institute of Technology	92,318
Rowan U.	6,434
Rutgers, the State U. NJ	459,751
Rutgers, the State U. NJ-Camden	3,574
Rutgers, the State U. NJ-New Brunswick	428,432
Rutgers, the State U. NJ-Newark	27,745
U. of Medicine & Dentistry NJ	230,235
William Paterson U. NJ	1,051
Private	286,237
Fairleigh Dickinson U.	254
Monmouth U.	2,195
Princeton U.	242,570
Rider U.	1,671
Seton Hall U.	4,003
Stevens Institute of Technology	35,544
New Mexico	422,868
Public (New Mexico Higher Education Department)	422,868

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
NM Highlands U.	1,529
NM Institute of Mining and Technology	51,696
NM State U.	157,872
U. NM	211,771
New York	4,950,993
Federal	22,171
U.S. Military Academy	22,171
Public	1,242,276
CUNY System	137,142
CUNY Baruch C.	2,616
CUNY Brooklyn C.	6,846
CUNY C. Staten Island	3,290
CUNY Graduate Ctr.	11,562
CUNY Herbert H. Lehman C.	3,579 i
CUNY Hunter C.	38,900
CUNY John Jay C. of Criminal Justice	5,916
CUNY Medgar Evers C.	658
CUNY New York City C. of Technology	231
CUNY Queens C.	16,845
CUNY The City C.	46,699
SUNY System	1,105,134
Farmingdale State C.	253
SUNY Institute of Technology at Utica-Rome	713
SUNY Albany	359,364
SUNY Binghamton	72,057
SUNY Buffalo	349,670
SUNY C. Oneonta	336
SUNY C. Brockport	831
SUNY C. Buffalo	1,935
SUNY C. Cortland	527
SUNY C. Geneseo	1,373
SUNY C. of A&T Cobleskill	1,414
SUNY C. of A&T Morrisville	233
SUNY C. of Environmental Science and Forestry	26,916
SUNY C. of Optometry	3,529
SUNY C. Old Westbury	1,197 i
SUNY C. Oswego	783
SUNY C. Plattsburgh	1,664
SUNY C. Potsdam	511
SUNY Fredonia	513
SUNY Health Science Ctr. Brooklyn	32,512
SUNY New Paltz	251
SUNY Stony Brook	204,728
SUNY Upstate Medical U.	43,824
Private	3,686,546
Adelphi U.	360
Albany C. of Pharmacy	3,074
Albany Medical C.	22,953
Alfred U.	4,524
Barnard C.	3,353
Canisius C.	221
Clarkson U.	18,584



TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Colgate U.	2,851
Columbia U. in the City of New York	807,235
Cooper Union, The	371
Cornell U.	749,721
Daemen C.	1,613
Dowling C.	200
Fordham U.	19,289
Hamilton C.	3,192
Hobart and William Smith Colleges	1,434
Hofstra U.	2,552
Ithaca C.	1,077
Long Island U.	3,406 i
Manhattan C.	498
Marist C.	671
Mercy C.	464
Mt. Sinai School of Medicine	370,666
New School, The	5,178
NY Institute of Technology	1,785
NY Medical C.	28,400
NY U.	365,944
Niagara U.	1,090
Pace U.	3,085
Polytechnic U.	10,601
Rensselaer Polytechnic Institute	83,952
Rochester Institute of Technology	38,663
Rockefeller U.	265,750
Sarah Lawrence C.	158
Siena C.	1,061
Skidmore C.	2,850
St. Bonaventure U.	1,727
St. John's U. (Jamaica, NY)	1,643
Syracuse U.	107,024
Teachers C., Columbia U.	17,167
Union C. (Schenectady, NY)	1,984
U. Rochester	414,655
Vassar C.	1,280
Yeshiva U.	314,240
North Carolina	2,465,844
Public (U. NC)	1,285,428
Appalachian State U.	2,898
East Carolina U.	23,995
Elizabeth City State U.	5,576
Fayetteville State U.	11,865
NC Agricultural and Technical State U.	35,297
NC Central U.	6,870
NC State U.	360,795
U. NC Asheville	2,671
U. NC Chapel Hill	755,284
U. NC Charlotte	31,814
U. NC Greensboro	22,436
U. NC Pembroke	408
U. NC Wilmington	23,143

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Western Carolina U.	2,376
Private	1,180,416
Davidson C.	1,493
Duke U.	983,289
Shaw U.	3,600 i
Wake Forest U.	192,034
North Dakota	204,049
Public (North Dakota University System)	204,049
Mayville State U.	275
Minot State U.	795
ND State U.	126,419
U. ND	76,560
Ohio	2,051,843
Federal	31,259
Air Force Institute of Technology	31,259
Public (University System of Ohio Board of Regents)	1,502,547
Bowling Green State U.	8,124
Central State U.	3,233
Cleveland State U.	34,235
Kent State U.	26,331
Miami U.	26,521
Northeastern OH Universities C. of Medicine	10,819
OH State U.	755,194
OH U.	50,440
U. Akron	52,884
U. Cincinnati	411,269
U. Toledo	70,399
Wright State U.	48,575
Youngstown State U.	4,523
Private	518,037
Case Western Reserve U.	418,164
C. Wooster	988
Denison U.	620 i
John Carroll U.	1,154
Kenyon C.	414
Oberlin C.	1,985
OH Northern U.	308
OH Wesleyan U.	335
U. Dayton	93,309
Wilberforce U.	760
Oklahoma	400,810
Public (Oklahoma State System of Higher Education)	377,423
OK Agricultural and Mechanical Colleges	156,928
Langston U.	4,492
Northeastern State U.	707
OK State U. Ctr. for Health Sciences	4,398
OK State U. Institute of Technology	79
OK State U. main campus	147,094
OK State U. Tulsa	158
Regional University System of Oklahoma	1,978

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Southeastern OK State U.	192
U. Central OK	1,786
Southwestern OK State U.	428
U. OK	218,089
Private	23,387
U. Tulsa	23,387
Oregon	696,272
Public (Oregon University System)	685,506
Eastern OR U.	200
OR Health & Science U.	314,990
OR State U.	216,595
Portland State U.	56,533
Southern OR U.	826
U. OR	94,107
Western OR U.	2,255
Private	10,766
Lewis & Clark C.	2,753
Pacific U.	1,849
Reed C.	1,904
U. Portland	1,205
Western States Chiropractic C.	996
Willamette U.	2,059
Pennsylvania	3,127,255
Public	1,732,669
Lincoln U. of the Commonwealth of PA	1,425
Pennsylvania State System of Higher Education	5,676
Cheyney U. PA	725
Indiana U. PA	1,376
Millersville U. PA	523
West Chester U. PA	3,052
PA State U.	778,549
PA State U. Altoona	671
PA State U. Beaver	848
PA State U. Berks	155
PA State U. Erie, The Behrend C.	3,265
PA State U. Great Valley School of Graduate Professional Studies	275
PA State U. Harrisburg	2,734
PA State U. University Park and Hershey Medical Ctr.	770,449
PA State U. Worthington-Scranton	152
Temple U.	124,528
U. Pittsburgh main campus	822,491
Private	1,394,586
Allegheny C.	505
Arcadia U.	1,649
Bryn Mawr C.	7,476
Bucknell U.	5,456
Carnegie Mellon U.	222,790
Dickinson C.	2,109
Drexel U.	118,349
Duquesne U.	15,804
Elizabethtown C.	514

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
Franklin & Marshall C.	3,770
Gettysburg C.	814
Haverford C.	3,620
Juniata C.	511
La Salle U.	1,298
Lafayette C.	2,089
Lehigh U.	37,332
Mercyhurst C.	2,040
Muhlenberg C.	488
Philadelphia C. of Osteopathic Medicine	1,278
Philadelphia U.	1,200
Salus U.	1,359
St. Francis U.	2,923
St. Joseph's U.	2,918
Swarthmore C.	2,984
Thomas Jefferson U.	103,064
U. PA	836,322
U. Scranton	240
U. of the Sciences Philadelphia	1,964
Ursinus C.	540
Villanova U.	11,433
Washington and Jefferson C.	1,327
Wilkes U.	420
Rhode Island	428,738
Public (Rhode Island Board of Governors for Higher Education)	90,016
U. RI	90,016
Private	338,722
Brown U.	335,838
Providence C.	917
Roger Williams U.	1,967
South Carolina	660,415
Public	653,319
Clemson U.	174,693
Coastal Carolina U.	2,404
C. Charleston	14,218
Medical U. SC	224,632
SC State U.	7,167
U. SC	230,205
U. SC Aiken	337
U. SC Beaufort	462
U. SC Columbia	229,145
U. SC Upstate	261
Private	7,096
Benedict C.	1,533
Claffin U.	3,252
Furman U.	2,311
South Dakota	131,165
Public (South Dakota Board of Regents)	129,623
Black Hills State U.	2,883
SD School of Mines and Technology	28,572

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
SD State U.	67,552
U. SD	30,616
Private	1,542
Augustana C. (Sioux Falls, SD)	912
Sinte Gleska U.	630
Tennessee	938,237
Public	397,065
Tennessee Board of Regents System	93,365
East TN State U.	9,869
Middle TN State U.	4,793
TN State U.	12,432
TN Technological U.	16,754
U. Memphis, The	49,517
U. TN System	303,700
U. TN Chattanooga	10,749
U. TN Knoxville	291,787
U. TN Martin	1,164
Private	541,172
Fisk U.	7,700
Le Moyne-Owen C.	708
Meharry Medical C.	27,001
Rhodes C.	804
Vanderbilt U.	504,959
Texas	4,417,547
Public	3,832,630
Midwestern State U.	348
Stephen F. Austin State U.	9,127
TX A&M U. System	842,888
Prairie View A&M U.	12,565
Tarleton State U.	10,763
TX A&M International U.	2,428
TX A&M U.	689,624
TX A&M U.-Commerce	2,679
TX A&M U.-Corpus Christi	17,266
TX A&M U.-Kingsville	17,378
TX A&M U. System Health Science Ctr.	82,839
West TX A&M U.	7,346
TX Southern U.	7,003
TX State U. System	46,983
Lamar U.	5,829
Sam Houston State U.	7,555
Sul Ross State U.	3,039
TX State U.-San Marcos	30,560
TX Tech U. System	185,730
Angelo State U.	1,088
TX Tech U.	133,360
TX Tech U. Health Sciences Ctr.	51,282
TX Woman's U.	2,271
U. Houston System	122,103
U. Houston	119,811
U. Houston-Clear Lake	1,279

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
U. Houston-Downtown	1,013
U. North TX System	70,358
U. North TX	31,496
U. North TX Health Science Ctr.	38,862
U. TX System	2,545,819
U. TX Arlington	71,414
U. TX Austin	589,502
U. TX Brownsville	6,886
U. TX Dallas	82,044
U. TX El Paso	68,870
U. TX Health Science Ctr. Houston	240,772
U. TX Health Science Ctr. San Antonio	207,115
U. TX M. D. Anderson Cancer Ctr.	599,529
U. TX Medical Branch	188,399
U. TX of the Permian Basin	1,417
U. TX Pan American	8,693
U. TX San Antonio	56,279
U. TX Southwestern Medical Ctr. Dallas	419,220
U. TX Tyler	5,679
Private	584,917
Abilene Christian U.	662
Baylor C. of Medicine	447,874
Baylor U.	10,925
Jarvis Christian C.	216
LeTourneau U.	773
Rice U.	97,903
Southern Methodist U.	18,742
St. Mary's U. (San Antonio, TX)	495
TX Christian U.	5,306
Trinity U.	1,446
Wiley C.	575
Utah	562,349
Public (Utah System of Higher Education)	529,352
U. UT	379,200
UT State U.	149,169
Weber State U.	983
Private	32,997
Brigham Young U.	32,997
Vermont	132,792
Public	129,856
U. VT	129,856
Private	2,936
Middlebury C.	2,292
St. Michael's C.	644
Virginia	1,199,756
Public	1,134,511
Christopher Newport U.	1,110
C. of William and Mary and VA Institute of Marine Science	57,461
George Mason U.	84,120

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
James Madison U.	7,038
Norfolk State U.	5,944
Old Dominion U.	97,176
Radford U.	680
U. VA	276,308
U. VA's C. Wise, The	481
VA Commonwealth U.	197,709
VA Military Institute	849
VA Polytechnic Institute and State U.	398,169
VA State U.	7,466
Private	65,245
Eastern VA Medical School	44,420
Hampton U.	14,455
Roanoke C.	1,379 i
U. Richmond	4,052
Washington and Lee U.	939
Washington	1,357,983
Public	1,348,492
Central WA U.	5,159
Eastern WA U.	3,266
Evergreen State C.	902
U. WA	1,024,242
U. WA Bothell	630
U. WA Seattle	1,022,740
U. WA Tacoma	872
WA State U.	304,352
Western WA U.	10,571
Private	9,491
Bastyr U.	1,572
Gonzaga U.	1,249
Northwest Indian C.	2,426
Pacific Lutheran U.	425
Seattle Pacific U.	684
Seattle U.	1,259 i
U. Puget Sound	461
Whitman C.	1,415
West Virginia	194,834
Public	185,436
Marshall U.	24,501
West Liberty State C.	1,645
WV School of Osteopathic Medicine	594
WV State U.	3,770
WV U.	154,926
Private	9,398
Wheeling Jesuit U.	9,398
Wisconsin	1,335,621
Public (University of Wisconsin System)	1,124,767
U. WI-Eau Claire	1,950
U. WI-Green Bay	1,219
U. WI-La Crosse	4,141

TABLE C-2. Higher education R&D expenditures, by state, institutional control, system, and institution:  
FY 2010

(Dollars in thousands)

State, institutional control, system, and institution	All R&D expenditures
U. WI-Madison	1,029,295
U. WI-Milwaukee	71,181
U. WI-Oshkosh	1,556
U. WI-Parkside	541
U. WI-Platteville	681
U. WI-River Falls	441
U. WI-Stevens Point	6,766
U. WI-Stout	388
U. WI-Superior	5,890
U. WI-Whitewater	718
Private	210,854
Lawrence U.	784
Marquette U.	14,310
Medical C. WI	191,816
Milwaukee School of Engineering	3,944
Wyoming	55,319
Public (Department of Education)	55,319
U. WY	55,319
Guam	5,555
Public (University of Guam Board of Regents)	5,555
U. GU	5,555
Puerto Rico	125,313
Public (Council of Higher Education of Puerto Rico)	99,212
Ana G. Mendez U. System	9,880
U. PR Cayey	927
U. PR Humacao	2,161 i
U. PR Mayaguez	26,475
U. PR Medical Sciences Campus	39,134
U. PR Rio Piedras	30,515
Private	26,101
Universidad del Este	1,372
Universidad del Turabo	6,620
Universidad Metropolitana	1,888
Carlos Albizu U. (San Juan, PR)	165
Ponce School of Medicine	8,934
Universidad Central del Caribe	7,122
Virgin Islands	32,350
Public	32,350
U. of the VI	32,350

i = imputed.

<sup>a</sup> The Johns Hopkins University includes the Applied Physics Laboratory, with \$1,079,931 in total R&D expenditures in FY 2010.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2010.



TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
	All institutions	61,234,972	37,487,745	3,853,598	3,209,441	3,764,291	11,897,227	1,022,670
1	Johns Hopkins U., The <sup>a</sup>	2,004,482	1,737,261	10,346	67,600	90,648	77,460	21,167
2	U. MI all campuses	1,191,917	750,937	4,285	39,347	47,730	341,060	8,558
3	U. WI-Madison	1,029,295	545,189	96,605	11,594	131,364	208,479	36,064
4	U. WA all campuses	1,024,242	830,904	23,393	92,111	NA	43,549	34,285
5	Duke U.	983,289	514,084	27,356	234,361	90,146	113,351	3,991
6	U. CA, San Diego	943,219	580,279	34,566	67,601	102,356	111,160	47,257
7	U. CA, Los Angeles	936,995	538,521	26,341	54,216	91,173	156,331	70,413
8	U. CA, San Francisco	935,509	514,693	28,189	50,979	128,827	136,560	76,261
9	Stanford U.	839,839	593,016	23,391	61,127	80,769	79,178	2,358
10	U. PA	836,322	642,180	34,390	39,032	60,436	60,112	172
11	U. Pittsburgh main campus	822,491	594,675	12,088	10,135	22,035	183,558	0
12	U. MN all campuses	808,144	433,048	69,179	29,394	70,094	186,214	20,215
13	Columbia U. in the City of New York	807,235	572,213	12,336	35,548	66,681	95,487	24,970
14	PA State U. all campuses	778,549	467,808	65,299	64,725	38,555	140,795	1,367
15	U. NC Chapel Hill	755,284	545,993	9,727	26,052	56,847	116,665	0
16	OH State U.	755,194	399,942	106,213	120,101	29,209	83,390	16,339
17	Cornell U.	749,721	448,085	66,521	22,869	71,327	139,150	1,769
18	U. CO all campuses	747,998	583,855	27,879	39,387	46,256	47,096	3,525
19	Washington U. St. Louis	695,974	468,642	19,218	36,777	46,312	90,209	34,816
20	U. CA, Berkeley	694,049	312,789	68,340	85,538	86,953	120,560	19,869
21	TX A&M U.	689,624	288,173	139,411	46,754	18,027	191,115	6,144
22	U. FL	681,548	279,649	98,597	23,426	19,754	251,640	8,482
23	U. CA, Davis	679,915	332,325	60,102	37,159	86,953	160,255	3,121
24	MA Institute of Technology	677,138	457,575	415	102,882	68,919	12,484	34,863
25	Yale U.	623,510	475,794	7,248	19,052	38,624	69,260	13,532
26	GA Institute of Technology	615,833	372,122	10,470	45,672	11,541	170,900	5,128
27	Northwestern U.	603,732	379,648	4,331	13,121	53,190	153,442	NA
28	U. TX M. D. Anderson Cancer Ctr.	599,529	206,664	176,806	50,712	81,656	83,691	0
29	U. Southern CA	592,791	408,564	10,088	44,620	32,659	96,860	0
30	U. TX Austin	589,502	350,308	24,389	56,448	37,423	116,583	4,351
31	U. AZ	586,647	308,157	31,656	19,618	23,975	176,331	26,910
32	Harvard U.	583,361	474,899	2,902	24,135	72,974	0	8,451
33	Purdue U. all campuses	572,866	241,127	61,420	32,022	40,315	196,683	1,299
34	Emory U.	529,453	336,986	331	16,363	45,117	128,793	1,863
35	U. IL Urbana-Champaign	515,133	303,852	30,395	13,661	703	133,148	33,374
36	Vanderbilt U.	504,959	397,656	954	10,186	22,366	68,598	5,199
37	U. AL Birmingham, The	489,845	325,103	760	22,660	26,565	114,757	0
38	IN U. all campuses	475,192	220,174	5,543	22,499	65,659	161,317	0
39	Rutgers, the State U. NJ all campuses	459,751	239,526	80,970	11,437	21,160	91,900	14,758
40	U. MD College Park	451,415	297,896	16,483	9,118	3,672	117,916	6,330
41	Baylor C. of Medicine	447,874	284,072	2,491	14,213	36,132	88,150	22,816
42	U. IA	444,034	282,465	6,004	15,670	21,767	117,704	424
43	U. Chicago	437,721	352,728	297	19,273	27,523	35,371	2,529
44	MI State U.	431,373	214,134	47,797	3,717	12,817	140,931	11,977
45	U. TX Southwestern Medical Ctr. Dallas	419,220	232,027	49,817	19,616	44,843	42,634	30,283
46	Case Western Reserve U.	418,164	333,689	9,261	6,627	17,536	50,292	759
47	LA State U. all campuses	416,845	177,532	82,477	20,891	13,788	117,709	4,448

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
48	U. Rochester	414,655	322,048	8,993	20,266	12,038	43,308	8,002
49	U. Cincinnati	411,269	262,513	7,419	18,410	24,194	98,733	0
50	VA Polytechnic Institute and State U.	398,169	162,566	97,409	21,256	18,507	95,925	2,506
51	U. South FL all campuses	390,828	246,016	32,562	13,884	13,103	83,905	1,358
52	Scripps Research Institute, The	387,298	313,746	7,686	19,079	16,603	30,184	NA
53	U. UT	379,200	227,021	1,422	18,060	18,108	113,847	742
54	U. MD Baltimore	374,036	208,246	23,789	17,095	39,357	85,409	140
55	Mt. Sinai School of Medicine	370,666	302,770	7,597	17,230	41,562	917	590
56	NY U.	365,944	260,463	4,317	7,585	23,703	57,023	12,853
57	U. IL Chicago	362,939	232,380	9,216	5,975	23,804	91,564	0
58	CA Institute of Technology	362,172	328,522	1,347	8,138	17,513	3,706	2,946
59	NC State U.	360,795	139,096	98,382	37,097	4,431	81,667	122
60	U. KY	359,944	171,528	41,482	12,157	10,108	124,669	0
61	SUNY Albany	359,364	124,324	77,690	74,099	17,910	60,760	4,581
62	Boston U.	352,817	302,411	1,106	8,528	18,192	22,580	0
63	SUNY Buffalo	349,670	167,099	21,387	20,347	28,131	95,444	17,262
64	U. NE all campuses	340,093	183,156	12,114	15,715	28,240	99,253	1,615
65	Brown U.	335,838	127,087	1,302	1,730	20,620	184,440	659
66	AZ State U.	329,345	172,202	23,198	11,734	28,174	91,895	2,142
67	U. CA, Irvine	327,594	194,559	15,879	22,399	33,471	48,057	13,229
68	OR Health & Science U.	314,990	247,054	1,061	13,939	22,719	29,964	253
69	Yeshiva U.	314,240	163,399	54,093	2,508	14,762	69,649	9,829
70	WA State U.	304,352	113,452	54,698	9,369	11,821	111,895	3,117
71	U. TN all campuses	303,700	167,017	49,894	18,215	10,065	58,509	0
72	U. HI Manoa	303,085	196,275	22,203	23,968	7,936	44,685	8,018
73	CO State U.	302,896	211,297	16,504	10,190	15,775	42,142	6,988
74	U. Miami	280,671	197,824	6,425	23,704	18,914	21,981	11,823
75	U. VA all campuses	276,789	228,993	792	6,491	11,469	26,032	3,012
76	U. KS	267,961	147,598	7,641	6,936	10,764	93,396	1,626
77	Rockefeller U.	265,750	88,705	1,761	3,344	19,161	151,249	1,530
78	Wayne State U.	254,492	132,166	5,132	6,647	9,385	94,819	6,343
79	IA State U.	250,120	109,461	43,728	15,686	6,730	73,484	1,031
80	Princeton U.	242,570	150,261	1,227	9,067	12,194	65,744	4,077
81	U. TX Health Science Ctr. Houston	240,772	150,324	43,544	9,112	26,213	11,579	0
82	U. MO-Columbia	238,500	116,965	3,285	7,131	8,334	101,562	1,223
83	U. CT	237,908	132,169	10,472	9,139	18,014	67,987	127
84	FL State U.	237,864	134,794	19,135	940	5,577	77,418	0
85	U. MA Worcester	232,039	178,293	1,506	14,198	14,524	23,518	0
86	MS State U.	231,675	106,324	72,701	7,859	217	44,415	159
87	U. GA	230,803	118,862	32,852	13,124	16,498	49,467	0
88	U. of Medicine & Dentistry NJ	230,235	123,399	12,853	14,520	25,520	53,943	0
89	U. SC all campuses	230,205	125,976	2,186	6,609	16,646	78,788	0
90	U. CA, Santa Barbara	225,730	129,457	5,223	16,967	28,506	36,561	9,016
91	Medical U. SC	224,632	131,650	338	13,087	6,322	72,042	1,193
92	Carnegie Mellon U.	222,790	179,386	2,986	19,204	4,150	13,437	3,627
93	U. OK	218,089	105,366	19,745	14,156	8,396	61,572	8,854
94	OR State U.	216,595	135,886	36,188	5,869	1,906	23,339	13,407
95	U. NM	211,771	148,216	5,601	3,776	3,462	49,850	866
96	U. TX Health Science Ctr. San Antonio	207,115	121,723	6,949	15,499	20,181	42,763	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
97	SUNY Stony Brook	204,728	120,146	5,522	5,535	6,239	64,930	2,356
98	VA Commonwealth U.	197,709	144,138	8,712	9,134	7,164	28,561	0
99	George Washington U.	196,917	122,357	7,262	4,427	28,315	34,446	110
100	Dartmouth C.	194,141	118,271	5,137	12,113	18,864	39,228	528
101	Wake Forest U.	192,034	159,084	5,216	15,213	6,398	5,892	231
102	Medical C. WI	191,816	121,750	195	9,207	19,077	41,587	0
103	U. Louisville	189,090	93,260	10,967	6,084	5,960	58,753	14,066
104	U. TX Medical Branch	188,399	128,840	1,675	3,665	14,813	39,406	0
105	Woods Hole Oceanographic Institution	181,746	153,066	1,254	2,940	NA	10,746	13,740
106	Clemson U.	174,693	62,934	3,330	21,217	0	86,777	435
107	U. MA Amherst	169,143	89,413	4,657	9,080	7,644	52,426	5,923
108	Tulane U.	165,513	106,872	5,636	3,418	6,461	30,133	12,993
109	U. AK Fairbanks	161,986	99,657	8,780	5,731	2,537	43,956	1,325
110	KS State U.	160,679	68,560	40,094	3,522	1,343	38,539	8,621
111	Georgetown U.	159,355	120,589	1,393	4,705	18,935	13,694	39
112	NM State U.	157,872	98,399	17,937	7,745	267	25,110	8,414
113	Tufts U.	156,106	116,699	3,080	8,627	11,056	14,685	1,959
114	WV U.	154,926	79,415	10,345	5,070	1,555	58,447	94
115	U. DE	153,311	105,454	6,281	5,700	2,345	31,718	1,813
116	OK State U. all campuses	151,729	57,887	32,513	6,031	568	54,730	0
117	UT State U.	149,169	90,581	27,035	4,821	411	18,680	7,641
118	Auburn U. all campuses	145,466	54,145	33,597	4,177	1,234	49,411	2,902
119	U. CA, Santa Cruz	143,919	84,518	5,278	4,505	16,311	29,449	3,858
120	MT State U. Bozeman	135,084	93,100	3,701	NA	NA	30,574	7,709
121	Uniformed Services U. of the Health Sciences	134,126	72,125	NA	NA	5,764	56,237	NA
122	TX Tech U.	133,360	35,970	13,740	10,100	11,040	62,510	0
123	U. CA, Riverside	130,288	63,127	9,499	6,484	8,565	36,104	6,509
124	U. VT	129,856	98,635	312	1,899	6,387	22,623	0
125	ND State U.	126,419	51,883	38,668	915	839	32,029	2,085
126	Temple U.	124,528	79,939	5,143	5,564	7,441	26,339	102
127	U. Houston	119,811	52,920	33,168	6,364	6,473	20,886	0
128	U. AR for Medical Sciences	119,518	72,217	4,931	3,051	0	28,184	11,135
129	Drexel U.	118,349	77,438	4,174	2,860	8,998	24,879	0
130	U. Central FL	117,985	69,331	14,042	9,485	3,633	20,750	744
131	U. NH	115,562	84,553	2,031	6,634	3,519	16,422	2,403
132	U. AR main campus	113,909	33,674	48,242	7,634	1,725	21,981	653
133	U. ME	111,282	50,163	19,673	3,835	1,184	33,834	2,593
134	U. of Notre Dame	110,369	62,152	394	1,700	11,788	34,335	0
135	FL International U.	110,271	62,580	6,617	1,330	6,081	33,449	214
136	U. MS and U. MS Medical Ctr.	110,020	71,475	1,148	1,989	4,514	26,243	4,651
137	Syracuse U.	107,024	33,796	24,717	4,788	9,546	34,151	26
138	Naval Postgraduate School	103,510	93,605	287	1,356	59	8,090	113
139	Thomas Jefferson U.	103,064	77,817	5,450	10,031	5,895	3,871	0
140	San Diego State U.	99,137	56,504	6,364	850	5,314	30,032	73
141	Rice U.	97,903	69,395	1,075	5,913	8,427	13,093	0
142	Old Dominion U.	97,176	34,687	4,636	3,143	1,996	52,430	284
143	U. NV, Reno	95,423	58,115	4,959	1,263	1,396	29,287	403
144	U. OR	94,107	76,378	654	2,126	4,520	10,429	NA
145	U. Dayton	93,309	73,540	11,686	4,960	341	2,663	119

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
146	NJ Institute of Technology	92,318	50,051	4,737	4,572	1,541	31,417	0
147	U. RI	90,016	62,981	7,071	4,194	1,160	14,226	384
148	U. ID	87,207	46,303	21,615	1,124	410	16,401	1,354
149	U. MD Baltimore County	87,156	59,448	2,195	1,981	2,597	20,935	0
150	George Mason U.	84,120	63,011	1,783	605	4,335	14,019	367
151	Rensselaer Polytechnic Institute	83,952	54,847	7,350	4,683	2,641	14,431	0
152	TX A&M U. System Health Science Ctr.	82,839	33,511	11,348	1,231	4,877	27,570	4,302
153	U. TX Dallas	82,044	30,754	17,249	6,351	7,693	19,997	0
154	GA State U.	81,015	27,073	7,201	504	6,768	39,464	5
155	Northeastern U.	79,949	59,074	1,373	4,222	2,018	13,262	0
156	U. ND	76,560	52,504	5,509	11,363	1,715	5,469	0
157	U. AL Huntsville, The	75,683	73,075	503	769	NA	1,336	0
158	Rush U.	73,398	51,304	2	10,372	4,908	6,812	0
159	U. CA Office of the President	72,542	121	22,061	0	15,598	34,632	130
160	SUNY Binghamton	72,057	20,979	3,047	3,545	171	43,720	595
161	Medical C. GA	72,015	51,727	10	2,938	4,514	12,050	776
162	U. TX Arlington	71,414	31,628	10,084	4,790	3,295	21,617	0
163	U. WI-Milwaukee	71,181	29,042	24,944	1,341	4,853	9,676	1,325
164	Brandeis U.	71,006	43,669	595	3,500	10,194	12,381	667
165	U. Toledo	70,399	38,389	7,812	3,486	2,649	18,063	0
166	Southern IL U. Carbondale	69,924	22,209	6,251	8,752	1,098	31,614	NA
167	U. LA Lafayette	69,412	12,881	12,869	13,984	527	28,986	165
168	U. TX El Paso	68,870	34,617	13,726	1,017	8,459	11,051	0
169	SD State U.	67,552	38,368	16,848	1,450	3,184	6,363	1,339
170	U. MT-Missoula, The	63,540	40,760	2,269	529	NA	16,430	3,552
171	MI Technological U.	63,471	27,676	948	5,520	242	28,979	106
172	U.S. Air Force Academy	62,097	49,711	0	142	153	10,891	1,200
173	U. MA Lowell	59,345	25,550	1,910	4,460	1,779	25,583	63
174	C. of William and Mary and VA Institute of Marine Science	57,461	27,685	2,552	2,445	4,823	19,295	661
175	Portland State U.	56,533	36,996	2,831	864	8,173	7,475	194
176	FL Atlantic U.	56,472	17,268	1,252	889	1,122	33,717	2,224
177	U. MA Boston	56,416	24,527	3,652	91	5,902	21,997	247
178	U. TX San Antonio	56,279	28,717	12,431	453	4,361	10,317	0
179	U. WY	55,319	45,323	4,215	1,930	512	2,981	358
180	FL A&M U.	53,474	45,856	5,576	2,042	NA	0	NA
181	U. Akron	52,884	12,107	3,529	1,685	4,845	28,232	2,486
182	NM Institute of Mining and Technology	51,696	42,243	1,659	1,850	0	5,567	377
183	Wichita State U.	51,524	13,751	5,626	22,618	249	9,280	0
184	TX Tech U. Health Sciences Ctr.	51,282	12,950	29,208	1,035	2,920	5,169	0
185	Boston C.	50,537	33,290	145	2,619	7,481	7,002	0
186	OH U.	50,440	18,466	2,561	3,982	0	23,579	1,852
187	U. Memphis, The	49,517	20,654	4,890	1,132	1,216	21,118	507
188	Wright State U.	48,575	24,785	3,931	2,039	798	17,022	0
189	St. Louis U.	46,839	33,728	90	6,473	1,987	4,561	NA
190	CUNY The City C.	46,699	32,900	4,751	6,126	NA	2,922	NA
191	CO School of Mines	44,879	29,892	931	13,961	NA	95	0
192	Jackson State U.	44,862	39,457	0	0	1,155	4,250	0
193	U. NV, Las Vegas	44,457	32,441	2,315	741	390	8,552	18
194	Eastern VA Medical School	44,420	29,291	260	2,608	12,075	186	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
195	Loyola U. Chicago	43,903	28,995	610	2,855	2,814	7,280	1,349
196	SUNY Upstate Medical U.	43,824	27,959	3,388	2,337	2,794	5,794	1,552
197	U. MD Ctr. for Environmental Science	42,670	12,123	5,118	0	NA	21,123	4,306
198	MO U. of Science and Technology	42,263	28,239	287	3,549	473	9,499	216
199	U. Southern MS	42,059	37,054	2,056	1,459	446	786	258
200	U. AL, The	40,762	26,364	3,443	2,735	103	7,849	268
201	Howard U.	40,080	33,017	142	938	1,310	4,673	0
202	American U.	39,747	8,841	NA	52	6,005	24,849	NA
203	U. PR Medical Sciences Campus	39,134	29,813	1,045	2,346	NA	5,930	0
204	CUNY Hunter C.	38,900	18,498	2,919	104	4,771	12,608	0
205	U. North TX Health Science Ctr.	38,862	25,847	1,317	1,932	1,486	7,968	312
206	Rochester Institute of Technology	38,663	23,254	989	4,982	880	8,558	0
207	San Jose State U.	38,241	24,292	10,077	449	645	2,778	0
208	Lehigh U.	37,332	23,721	6,804	2,400	817	3,545	45
209	IL Institute of Technology	36,554	28,349	1,401	3,030	1,358	2,416	0
210	Loma Linda U.	35,990	29,284	1,290	2,050	1,462	1,767	137
211	Stevens Institute of Technology	35,544	29,370	1,228	536	551	3,419	440
212	U. South AL	35,500	14,730	561	1,896	406	17,907	0
213	NC Agricultural and Technical State U.	35,297	23,883	105	62	53	11,190	4
214	Desert Research Institute	34,367	28,307	1,411	474	2,150	2,025	0
215	Cleveland State U.	34,235	25,024	2,368	2,326	2,231	2,279	7
216	Brigham Young U.	32,997	22,115	1,716	3,638	876	4,494	158
217	SUNY Health Science Ctr. Brooklyn	32,512	25,023	408	1,749	1,193	3,720	419
218	U. of the VI	32,350	28,369	1,887	0	0	0	2,094
219	U. NC Charlotte	31,814	17,284	3,332	6,519	NA	4,679	0
220	Southern IL U. Edwardsville	31,781	4,192	2,521	901	430	23,737	0
221	U. North TX	31,496	17,511	678	742	1,233	11,326	6
222	Air Force Institute of Technology	31,259	15,474	89	269	52	15,375	0
223	U. SD	30,616	16,467	1,061	364	381	12,343	0
224	TX State U.-San Marcos	30,560	8,904	5,646	541	4,111	11,358	0
225	U. PR Rio Piedras	30,515	21,717	123	16	20	8,373	266
226	AL A&M U.	30,497	22,154	1,601	330	180	4,988	1,244
227	Morehouse School of Medicine	30,385 i	26,559 i	602 i	1,033 i	33 i	2,158 i	0 i
228	U. MO-Kansas City	30,163	16,391	1,645	560	1,705	9,553	309
229	CA State U., Northridge	29,469	17,213	6,685	119	331	5,111	10
230	Northern AZ U.	28,803	15,070	5,708	590	1,651	5,784	0
231	SD School of Mines and Technology	28,572	25,172	1,248	165	NA	1,488	499
232	NY Medical C.	28,400	21,095	749	3,720	1,992	364	480
233	Creighton U.	27,700	11,850	3,450	0	8,450	3,500	450
234	Mercer U.	27,298	18,778	384	4,652	134	3,117	233
235	Northern IL U.	27,036	17,334	7	1,109	0	8,586	0
236	Meharry Medical C.	27,001	24,302	0	0	1,545	1,154	0
237	SUNY C. of Environmental Science and Forestry	26,916	8,907	2,396	1,908	692	12,312	701
238	Miami U.	26,521	13,591	1,733	788	347	9,506	556
239	U. PR Mayaguez	26,475	12,735	726	1,555	2,615	8,811	33
240	Western MI U.	26,391	19,738	719	1,744	1,649	1,869	672
241	Kent State U.	26,331	14,586	3,667	311	258	7,081	428
242	LA Tech U.	26,020	10,806	2,527	298	4	12,385	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
243	U. MA Dartmouth	25,725	12,236	657	633	392	11,807	0
244	San Francisco State U.	25,615	15,601	3,172	258	1,938	4,646	0
245	Marshall U.	24,501	18,218	1,385	151	341	4,158	248
246	East Carolina U.	23,995	16,113	711	2,228	979	3,964	0
247	U. Tulsa	23,387	7,126	661	8,476	59	7,065	0
248	U. NC Wilmington	23,143	14,364	1,127	671	721	6,260	0
249	Albany Medical C.	22,953	15,758	333	1,485	2,051	3,326	0
250	U. NC Greensboro	22,436	19,477	462	825	463	1,209	0
251	U.S. Military Academy	22,171	22,146	0	25	0	0	0
252	Charles R. Drew U. of Medicine and Science	22,152	20,430	NA	NA	NA	1,722	NA
253	CA State U., Fullerton	21,776	13,651	2,636	333	1,091	4,065	0
254	U. CA, Merced	21,591	9,392	6,589	181	487	3,819	1,123
255	Catholic U. America, The	21,454	15,878	0	1,365	503	3,708	0
256	ID State U.	20,495	14,645	527	1,430	993	2,900	0
257	Ball State U.	20,477	3,988	685	383	4,386	11,016	19
258	CA Polytechnic State U., San Luis Obispo	19,732	11,637	3,351	559	2,062	2,091	32
259	Fordham U.	19,289	4,132	388	0	0	13,623	1,146
260	Southern Methodist U.	18,742	13,312	167	457	813	3,993	0
261	Boise State U.	18,731	14,614	455	168	448	3,046	0
262	Worcester Polytechnic Institute	18,613	13,582	212	957	366	3,496	0
263	Clarkson U.	18,584	9,573	1,963	2,703	0	4,345	0
264	IL State U.	18,417	5,442	369	262	629	11,715	0
265	U. West FL	17,757	11,038	4,245	115	606	1,675	78
266	TX A&M U.-Kingsville	17,378	7,088	4,548	487	2,504	2,751	0
267	TX A&M U.-Corpus Christi	17,266	7,869	3,885	119	2,703	2,634	56
268	Teachers C., Columbia U.	17,167	6,533	192	7,346	2,898	0	198
269	CUNY Queens C.	16,845	13,642	1,405	0	1,069	709	20
270	TN Technological U.	16,754	7,490	6,151	54	162	2,672	225
271	U. AK Anchorage	16,709	9,368	1,292	164	637	5,202	46
272	U. Southern ME	16,358	9,137	2,492	24	2,306	2,399	0
273	AL State U.	16,340	13,340	0	0	0	3,000	0
274	Duquesne U.	15,804	5,904	1,176	1,037	1,306	6,381	0
275	U. Denver	15,748	13,364	255	835	439	799	56
276	Tuskegee U.	15,581	12,309	1,620	0	0	245	1,407
277	CA State U., Long Beach	15,494	12,731	1,358	1,048	341	16	0
278	CA State U., Sacramento	15,207	5,829	4,487	520	899	3,444	28
279	DE State U.	15,200	10,154	428	41	36	4,541	0
280	U. HI Hilo	14,857	12,265	1,466	347	53	331	395
281	U. MO-St. Louis	14,628	7,151	273	36	619	6,417	132
282	Hampton U.	14,455	14,455	0	0	0	0	NA
283	Marquette U.	14,310	9,381	182	453	1,832	2,462	0
284	C. Charleston	14,218	11,610	1,282	170	1,113	0	43
285	Eastern MI U.	14,133	9,088	644	776	593	3,032	0
286	FL Gulf Coast U.	13,906	9,542	2,094	154	2,044	72	0
287	Oakland U.	12,856	7,130	5	509	663	4,531	18
288	Morgan State U.	12,804	10,039	1,328	1,253	184	0	0
289	Prairie View A&M U.	12,565	8,623	2,986	126	27	799	4
290	TN State U.	12,432	7,414	793	592	33	3,600	0
291	Rosalind Franklin U. of Medicine							

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
	and Science	12,426	8,350	0	329	1,529	2,218	0
292	Embry-Riddle Aeronautical U.	12,189	8,241	1,282	1,481	0	1,185	0
293	FL Institute of Technology	12,054	9,175	1,019	1,831	NA	0	29
294	Fayetteville State U.	11,865	10,844	676	1	344	0	0
295	CUNY Graduate Ctr.	11,562	4,901	742	0	3,863	112	1,944
296	Villanova U.	11,433 i	6,390 i	3,218 i	969 i	856 i	0 i	0 i
297	AR State U. main campus	11,115	6,194	3,920	96	91	814	0
298	U.S. Naval Academy	11,093	10,750	0	165	17	156	5
299	U. AR Little Rock	11,007	7,571	1,793	163	209	1,271	0
300	Baylor U.	10,925	2,947	261	521	1,373	5,792	31
301	Northeastern OH Universities C. of Medicine	10,819	4,009	560	40	1,088	5,121	1
302	Tarleton State U.	10,763	6,379	3,519	246	107	512	0
303	Polytechnic U.	10,601	5,729	1,439	2,671	NA	762	NA
304	Western WA U.	10,571	4,594	811	96	436	4,634	0
305	Alcorn State U.	10,280	9,256	0	50	0	974	0
306	Nova Southeastern U.	10,116	5,718	666	891	365	2,476	0
307	Western KY U.	9,943	6,866	1,059	348	381	1,289	0
308	East TN State U.	9,869	6,272	1,662	612	1,143	180	0
309	Humboldt State U.	9,845	3,024	2,639	913	988	2,281	0
310	Wheeling Jesuit U.	9,398	8,768	196	51	325	0	58
311	Fairfield U.	9,294	2,681	170	76	0	5,825	542
312	Stephen F. Austin State U.	9,127	5,530	768	139	535	2,155	0
313	Ponce School of Medicine	8,934	7,569	517	848	NA	0	NA
314	CA State U., Fresno	8,698	3,424	2,743	208	381	1,942	0
315	U. TX Pan American	8,693	5,544	1,725	376	574	474	0
316	U. MD Eastern Shore	8,692	8,583	87	0	2	0	20
317	Clark Atlanta U.	8,515	7,229	18	134	68	1,066	0
318	Lincoln U. (Jefferson City, MO)	8,475	5,984	2,491	0	0	0	0
319	Dillard U.	8,425	7,096	1,329	0	0	0	0
320	Wellesley C.	8,422	3,677	442	163	4,140	0	0
321	Wesleyan U.	8,397	4,496	72	311	552	2,966	0
322	U. AR Pine Bluff	8,343	3,947	279	0	110	4,007	0
323	Bowling Green State U.	8,124	4,963	1,861	113	285	871	31
324	U. North FL	8,041	4,636	429	68	283	2,625	0
325	Xavier U. LA	8,029	5,669	1,465	0	284	611	0
326	Morehouse C.	7,857	7,857	0	0	0	0	NA
327	MO State U.	7,770	6,071	237	491	971	0	0
328	CA State U., Los Angeles	7,714	7,234	193	0	160	127	0
329	Fisk U.	7,700	7,686	0	0	0	14	0
330	Gallaudet U.	7,652	5,522	0	0	0	2,130	0
331	Sam Houston State U.	7,555	5,066	1,479	NA	NA	1,010	NA
332	Central MI U.	7,483	2,536	1,330	33	113	3,389	82
333	Bryn Mawr C.	7,476	1,301	185	7	90	5,857	36
334	VA State U.	7,466	5,552	72	5	71	1,761	5
335	MT Tech of the U. MT	7,424	5,321	1,474	629	NA	0	0
336	West TX A&M U.	7,346	2,100	205	1,001	442	3,598	NA
337	SC State U.	7,167	6,334	308	346	179	0	NA
338	Universidad Central del Caribe	7,122	6,504	31	0	0	587	0
339	Claremont Graduate U.	7,116	5,888	0	0	263	965	0
340	Clark U.	7,111	3,243	0	194	2,242	1,432	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
341	James Madison U.	7,038	5,563	112	0	NA	235	1,128
342	TX Southern U.	7,003	5,240	1,551	0	212	0	NA
343	U. TX Brownsville	6,886	5,640	737	0	40	469	0
344	Kettering U.	6,880	4,477	389	1,736	278	0	0
345	NC Central U.	6,870	6,870	NA	NA	NA	0	NA
346	Southern U. Baton Rouge	6,865	5,920	NA	0	0	0	945
347	CUNY Brooklyn C.	6,846	5,358	0	764	0	724	NA
348	U. WI-Stevens Point	6,766	4,456	214	147	29	955	965
349	Universidad del Turabo	6,620	691	0	0	0	5,929	0
350	CA State Polytechnic U., Pomona	6,493	2,563	844	487	186	2,413	0
351	Rowan U.	6,434	4,301	1,855	278	NA	0	NA
352	U. of the Pacific	6,120	3,135	293	2,046	646	0	0
353	Norfolk State U.	5,944	5,413	21	NA	NA	0	510
354	CUNY John Jay C. of Criminal Justice	5,916	3,418	52	0	1,790	656	0
355	U. WI-Superior	5,890	5,197	0	245	34	156	258
356	Lamar U.	5,829	4,377	148	203	145	956	0
357	CA State U., San Marcos	5,788	4,106	714	0	787	181	0
358	Claremont McKenna C.	5,725	1,130	18	0	298	4,279	0
359	U. TX Tyler	5,679	3,378	2,021	280	0	0	0
360	Elizabeth City State U.	5,576	5,552	14	0	10	0	0
361	U. GU	5,555	4,962	94	481	18	0	0
362	Bucknell U.	5,456	2,745	149	121	571	1,756	114
363	Ft. Valley State U.	5,310	4,586	0	0	0	724	0
364	TX Christian U.	5,306	3,373	229	1,568	NA	136	NA
365	CA State U., Monterey Bay	5,305	3,167	1,551	0	146	441	0
366	New School, The	5,178	1,670	30	58	3,420	0	0
367	Central WA U.	5,159	4,038	378	140	24	579	0
368	Grand Valley State U.	5,044	1,134	368	206	879	2,095	362
369	U. DC	5,012	1,946	3,066	0	0	0	0
370	Calvin C.	5,010	2,084	2	173	289	2,364	98
371	KY State U.	4,912	3,501	1,341	0	58	12	0
372	DePaul U.	4,889	3,896	31	29	373	560	0
373	Middle TN State U.	4,793	2,651	134	0	77	1,881	50
374	Palmer C. of Chiropractic	4,693	3,009	0	0	5	1,679	0
375	Williams C.	4,691	2,330	0	0	0	2,361	0
376	Smith C.	4,613	2,843	0	12	905	853	0
377	Carleton C.	4,575	1,803	21	0	1,179	1,572	0
378	Loyola Marymount U.	4,557	1,731	0	5	611	2,210	0
379	Alfred U.	4,524	1,687	1,464	877	0	496	0
380	Youngstown State U.	4,523	2,067	2,048	138	0	270	0
381	Langston U.	4,492	3,313	1,179	0	0	0	0
382	Macalester C.	4,389	1,075	0	0	294	3,020	0
383	U. Baltimore	4,229	1,812	1,278	8	1,112	19	0
384	St. Cloud State U.	4,184	1,260	290	523	432	1,679	0
385	U. WI-La Crosse	4,141	2,150	738	625	3	241	384
386	U. Richmond	4,052	2,138	9	0	1,065	825	15
387	Seton Hall U.	4,003	2,206	660	485	652	0	0
388	Lawrence Technological U.	3,952	3,144	313	114	305	76	0
389	Milwaukee School of Engineering	3,944	1,177	0	1,881	332	554	0
390	Southern CT State U.	3,840	1,459	1,567	41	773	0	0



TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
391	MN State U. Mankato	3,837	2,051	46	2	139	490	1,109
392	Chapman U.	3,830	1,871	469	79	1,076	330	5
393	Santa Clara U.	3,816	3,494	164	69	89	0	0
394	Franklin & Marshall C.	3,770	1,857	271	300	483	859	0
395	WV State U.	3,770	2,759	1,011	0	0	0	0
396	GA Southern U.	3,704	2,077	91	139	347	1,050	0
397	Amherst C.	3,628	1,102	4	2	595	1,925	0
398	Midwestern U. (Downers Grove, IL)	3,626	315	0	185	81	3,045	NA
399	Haverford C.	3,620	2,715	0	0	217	688	0
400	Shaw U.	3,600 i	3,159 i	169 i	0 i	0 i	272 i	0 i
401	Hope C.	3,596	2,523	0	0	754	319	0
402	CUNY Herbert H. Lehman C.	3,579 i	2,750 i	5 i	558 i	0 i	266 i	0 i
403	U. New England	3,560	2,829	21	121	589	0	0
404	Eastern KY U.	3,531	2,638	189	0	0	704	0
405	SUNY C. of Optometry	3,529	2,829	0	203	131	366	0
406	Salisbury U.	3,503	1,823	937	NA	361	382	NA
407	Long Island U.	3,406 i	2,483 i	151 i	364 i	122 i	286 i	0 i
408	Murray State U.	3,396	2,074	92	48	74	1,108	0
409	Barnard C.	3,353	2,754	76	0	494	29	0
410	CUNY C. Staten Island	3,290	952	1,072	719	352	191	4
411	Eastern WA U.	3,266	46	2,377	76	568	199	0
412	Clafflin U.	3,252	3,226	15	11	0	0	0
413	Central State U.	3,233	2,544	227	462	0	0	0
414	Harvey Mudd C.	3,214	2,049	0	63	257	845	0
415	Wabash C.	3,200	208	0	0	2,889	83	20
416	Hamilton C.	3,192	1,077	206	26	1,417	461	5
417	Spelman C.	3,181	2,740	0	280	0	161	0
418	Pace U.	3,085	627	0	44	330	2,084	0
419	Albany C. of Pharmacy	3,074	1,380	184	1,198	0	312	0
420	U. Northern IA	3,064	1,460	890	5	9	700	0
421	Towson U.	3,052	1,806	879	93	95	172	7
422	West Chester U. PA	3,052 i	1,612 i	694 i	128 i	618 i	0 i	0 i
423	Sul Ross State U.	3,039	1,595	537	41	362	504	0
424	Swarthmore C.	2,984	913	17	0	914	1,140	0
425	Tougaloo C.	2,978	2,978	0	0	0	0	0
426	U. San Diego	2,934	1,352	117	71	259	887	248
427	Pomona C.	2,924	1,048	0	0	748	1,052	76
428	St. Francis U.	2,923	2,923	0	0	0	0	0
429	St. Joseph's U.	2,918	1,368	288	0	947	315	0
430	Appalachian State U.	2,898	1,813	253	94	253	485	0
431	U. LA Monroe	2,884	1,470	429	195	299	491	0
432	Black Hills State U.	2,883	2,434	229	6	40	174	0
433	CA State U., Chico	2,881	1,502	777	238	106	258	0
434	Colgate U.	2,851	1,519	2	20	203	1,107	0
435	Skidmore C.	2,850	1,872	0	428	0	550	0
436	Mt. Holyoke C.	2,788	1,362	0	0	931	495	0
437	Lewis & Clark C.	2,753	843	0	0	1,080	830	0
438	CA State U., Dominguez Hills	2,743	2,658	64	19	2	0	0
439	Armstrong Atlantic State U.	2,681	2,681	0	0	0	0	0
440	TX A&M U.-Commerce	2,679	1,362	937	17	363	0	NA
441	Pepperdine U.	2,672	933	808	44	247	640	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
442	U. NC Asheville	2,671	1,367	606	97	277	324	0
443	U. Central AR	2,670	1,658	389	3	0	588	32
444	Bowdoin C.	2,627	1,815	0	53	171	588	0
445	CUNY Baruch C.	2,616	1,010	76	0	1,045	485	0
446	U. Northern CO	2,607	2,082	88	10	47	380	0
447	Nicholls State U.	2,590	946	661	0	333	650	0
448	Southeastern LA U.	2,561	1,161	639	0	84	677	0
449	Hofstra U.	2,552	2,206	169	2	77	98	0
450	TX A&M International U.	2,428	1,623	164	0	368	247	26
451	Northwest Indian C.	2,426	1,943	57	0	60	366	0
452	Coastal Carolina U.	2,404	1,533	433	332	22	84	0
453	Western Carolina U.	2,376	1,296	211	18	377	474	0
454	Northern KY U.	2,316	1,476	93	84	90	573	0
455	Furman U.	2,311	1,332	0	0	540	374	65
456	Middlebury C.	2,292	2,245	0	0	47	0	0
457	Occidental C.	2,289	665	118	261	1,245	0	0
458	TX Woman's U.	2,271	822	471	5	271	702	0
459	Montclair State U.	2,255	1,876	27	19	129	204	0
460	Western OR U.	2,255	1,652	262	0	89	252	0
461	Monmouth U.	2,195	2,190	5	0	0	0	0
462	U. PR Humacao	2,161 i	2,144 i	0 i	0 i	0 i	17 i	0 i
463	Morehead State U.	2,145	1,528	129	0	113	375	0
464	U. San Francisco	2,124	428	129	0	262	1,289	16
465	Dickinson C.	2,109	602	71	0	677	759	0
466	U. IL Springfield	2,096	436	403	0	62	868	327
467	Lafayette C.	2,089	1,223	98	73	106	589	0
468	CA State U., Bakersfield	2,083	637	936	158	93	259	0
469	Grinnell C.	2,069	1,161	2	5	29	872	0
470	Willamette U.	2,059	666	33	0	0	1,360	0
471	Mercyhurst C.	2,040	854	362	91	400	284	49
472	Oberlin C.	1,985	1,359	0	62	238	326	0
473	Union C. (Schenectady, NY)	1,984	1,427	12	26	461	58	0
474	Roger Williams U.	1,967	1,574	15	29	52	297	0
475	U. of the Sciences Philadelphia	1,964	984	360	620	0	0	0
476	U. WI-Eau Claire	1,950	1,320	230	68	46	101	185
477	SUNY C. Buffalo	1,935	1,293	53	18	242	329	0
478	Reed C.	1,904	796	0	0	485	623	0
479	Universidad Metropolitana	1,888	1,282	0	0	0	606	0
480	Agnes Scott C.	1,884	1,328	0	0	13	528	15
481	Trinity C. (Hartford, CT)	1,875	1,026	9	10	618	212	0
482	Savannah State U.	1,874	1,774	86	0	14	0	0
483	Kennesaw State U.	1,854	1,246	22	7	381	198	0
484	CA State U., San Bernardino	1,851	1,412	151	154	13	89	32
485	Pacific U.	1,849	845	128	380	494	0	2
486	Mesa State C.	1,799	1,064	11	95	418	211	0
487	U. Central OK	1,786	1,059	226	16	405	80	NA
488	Western U. of Health Sciences	1,786	885	139	519	74	169	0
489	NY Institute of Technology	1,785	250	212	275	83	965	0
490	Colby C.	1,782	1,105	0	0	199	478	0
491	Northwestern Health Sciences U.	1,779	1,467	0	0	0	312	0
492	Pittsburg State U.	1,759	999	10	559	191	0	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
493	U. AK Southeast	1,759	1,222	159	0	88	290	0
494	U. West GA	1,749	761	398	522	0	68	0
495	St. Bonaventure U.	1,727	767	27	0	0	352	581
496	Mills C.	1,679	1,095	0	0	537	47	0
497	Rider U.	1,671	407	0	1	55	1,208	0
498	SUNY C. Plattsburgh	1,664	1,187	159	0	23	267	28
499	Arcadia U.	1,649	1,206	134	0	309	0	0
500	West Liberty State C.	1,645	550	600	0	385	110	0
501	St. John's U. (Jamaica, NY)	1,643	1,274	9	241	72	47	0
502	Daemen C.	1,613	426	746	132	232	77	0
503	Touro U.-CA	1,600	999	0	0	222	379	0
504	Chicago State U.	1,598	1,598	0	0	0	0	0
505	Bates C.	1,590	971	0	4	137	478	0
506	St. Olaf C.	1,574	1,247	35	40	170	82	0
507	Bastyr U.	1,572	1,211	0	135	0	226	0
508	U. WI-Oshkosh	1,556	832	174	46	59	267	178
509	IN State U.	1,541	990	70	390	17	62	12
510	Benedict C.	1,533	1,473	60	0	0	0	0
511	CT C.	1,532	954	45	0	3	530	0
512	NM Highlands U.	1,529	970	59	500	0	0	0
513	Davidson C.	1,493	1,153	48	21	265	6	0
514	Rose-Hulman Institute of Technology	1,482	1,159	0	15	198	110	0
515	Northwestern State U.	1,464	635	464	0	0	247	118
516	New England C. of Optometry	1,457	726	0	347	53	315	16
517	Trinity U.	1,446	1,023	0	29	365	14	15
518	Hobart and William Smith Colleges	1,434	1,118	201	13	98	4	0
519	Lincoln U. of the Commonwealth of PA	1,425	1,114	307	4	0	0	0
520	U. TX of the Permian Basin	1,417	677	1	0	0	96	643
521	Whitman C.	1,415	1,080	0	0	335	0	0
522	SUNY C. of A&T Cobleskill	1,414	1,382	22	6	0	4	0
523	Roanoke C.	1,379 i	107 i	0 i	0 i	0 i	1,272 i	0 i
524	Indiana U. PA	1,376	660	280	0	0	436	0
525	SUNY C. Geneseo	1,373	755	9	60	36	513	0
526	Universidad del Este	1,372	1,139	0	0	0	233	0
527	Salus U.	1,359	1,261	69	29	0	0	0
528	U. of St. Thomas (St. Paul, MN)	1,330	842	78	88	NA	204	118
529	Washington and Jefferson C.	1,327	1,188	0	0	139	0	0
530	U. Redlands	1,317	1,208	75	0	0	34	0
531	CA State U., East Bay	1,312	643	551	0	118	0	0
532	La Salle U.	1,298	246	0	86	10	956	0
533	Vassar C.	1,280	1,280	0	0	0	0	0
534	U. Houston-Clear Lake	1,279	301	766	12	93	107	0
535	Philadelphia C. of Osteopathic Medicine	1,278	812	31	0	279	156	0
536	C. of the Holy Cross	1,275	904	0	0	371	0	0
537	Seattle U.	1,259 i	263 i	10 i	18 i	398 i	570 i	0 i
538	A. T. Still U. of Health Sciences	1,253	116	0	24	142	971	0
539	Plymouth State U.	1,253 i	1,053 i	48 i	0 i	127 i	25 i	0 i
540	Gonzaga U.	1,249	609	0	2	571	67	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
541	Western IL U.	1,221	658	398	113	0	19	33
542	Governors State U.	1,220	1,124	24	0	72	0	0
543	U. WI-Green Bay	1,219	778	71	179	16	134	41
544	U. Portland	1,205	335	174	7	660	29	0
545	Philadelphia U.	1,200	968	232	0	0	0	0
546	SUNY C. Old Westbury	1,197 i	634 i	0 i	223 i	16 i	324 i	0 i
547	Andrews U.	1,195	280	78	0	199	638	NA
548	John Carroll U.	1,154	1,036	0	118	0	0	0
549	Bradley U.	1,151	512	0	304	0	335	0
550	U. Detroit Mercy	1,148	633	63	124	25	195	108
551	U. Hartford	1,137	820	0	71	1	245	0
552	Christopher Newport U.	1,110	1,049	8	46	7	0	0
553	Niagara U.	1,090	162	334	3	106	485	0
554	Angelo State U.	1,088	236	570	0	82	200	0
555	Ithaca C.	1,077	617	76	0	120	264	0
556	McNeese State U.	1,077	433	174	8	33	429	0
557	Siena C.	1,061	1,045	0	0	16	0	0
558	William Paterson U. NJ	1,051	105	44	20	1	881	0
559	Drake U.	1,033	456	79	19	243	236	NA
560	MS Valley State U.	1,029	993	NA	NA	NA	36	NA
561	U. Houston-Downtown	1,013	908	6	79	0	20	0
562	Western States Chiropractic C.	996	866	0	0	0	130	0
563	Grambling State U.	993	993	0	0	0	0	0
564	C. Wooster	988	249	18	0	261	446	14
565	Weber State U.	983	355	247	378	3	0	0
566	Haskell Indian Nations U.	978	922	0	0	56	0	0
567	National U. of Health Sciences	950	754	0	23	27	146	0
568	Washington and Lee U.	939	646	0	268	25	0	0
569	U. PR Cayey	927	710	0	0	0	217	0
570	Providence C.	917	857	0	24	32	4	0
571	Augustana C. (Sioux Falls, SD)	912	889	0	6	17	0	0
572	Northern MI U.	910	287	0	0	47	576	0
573	Evergreen State C.	902	886	7	0	9	0	0
574	Barry U.	897	897	0	0	0	0	0
575	Truman State U.	882	605	18	2	37	220	0
576	Salish Kootenai C.	880	475	0	0	405	0	0
577	Saginaw Valley State U.	873	77	0	144	0	600	52
578	Sonoma State U.	858	690	32	0	25	111	0
579	Des Moines U.	855	62	0	1	0	731	61
580	C. NJ, The	850	461	105	0	263	21	0
581	VA Military Institute	849	451	86	37	25	250	0
582	SUNY C. Brockport	831	521	52	8	96	143	11
583	Southern OR U.	826	639	105	22	0	60	0
584	Gettysburg C.	814	524	0	0	116	160	14
585	Rhodes C.	804	519	242	16	27	0	0
586	Minot State U.	795	795	0	0	0	0	0
587	Valparaiso U.	791	505	21	19	48	198	0
588	Lawrence U.	784	703	0	0	0	81	0
589	SUNY C. Oswego	783	644	12	39	1	41	46
590	Central CT State U.	776	366	8	0	8	394	0
591	LeTourneau U.	773	273	0	63	363	74	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
592	Wilberforce U.	760	737	0	0	23	0	0
593	Kalamazoo C.	755	254	0	0	245	256	0
594	Eastern IL U.	751	450	95	20	45	141	0
595	Albany State U.	740	396	344	0	0	0	0
596	Cheyney U. PA	725	255	470	0	0	0	0
597	Millsaps C.	722	433	NA	7	NA	282	NA
598	U. WI-Whitewater	718	411	152	17	1	83	54
599	SUNY Institute of Technology at Utica-Rome	713	695	0	0	0	18	0
600	Northeastern IL U.	711	448	0	0	19	244	0
601	Le Moyne-Owen C.	708	610	98	0	0	0	0
602	IL Wesleyan U.	707	360	NA	NA	NA	347	NA
603	Northeastern State U.	707	451	56	170	0	30	0
604	Kansas City U. of Medicine and Biosciences	685	556	30	0	65	34	0
605	Seattle Pacific U.	684	114	19	2	180	218	151
606	U. WI-Platteville	681	46	473	11	12	116	23
607	Radford U.	680	292	28	67	21	272	0
608	U.S. Coast Guard Academy	680	672	0	0	0	8	0
609	CO C.	671	473	4	0	0	194	0
610	Marist C.	671	8	290	110	11	231	21
611	Abilene Christian U.	662	537	0	0	37	88	0
612	New C. FL	660	514	0	11	26	109	0
613	CUNY Medgar Evers C.	658	392	0	211	0	55	0
614	Hendrix C.	656	466	12	4	50	124	0
615	Loyola C.	648	555	27	0	66	0	0
616	Mt. St. Mary's C. (Los Angeles, CA)	647	647	0	0	0	0	0
617	St. Michael's C.	644	487	0	0	0	157	0
618	St. John's U. (Collegeville, MN)	640	0	0	0	0	640	0
619	Sinte Gleska U.	630	537	0	0	0	93	0
620	Denison U.	620 i	469 i	0 i	0 i	0 i	151 i	0 i
621	Concordia C.	617	301	0	0	47	269	0
622	MT State U. Billings	598	327	127	73	0	71	0
623	Loyola U. New Orleans	595	260	142	0	11	182	0
624	WV School of Osteopathic Medicine	594	22	0	0	0	572	0
625	Bridgewater State C.	587	279	177	0	5	126	0
626	Wiley C.	575	362	198	0	15	0	0
627	Hampshire C.	569	533	0	0	0	36	0
628	U. WI-Parkside	541	127	139	87	0	157	31
629	Ursinus C.	540	413	120	1	6	0	0
630	Lake Forest C.	533	154	0	0	21	358	0
631	SUNY C. Cortland	527	153	4	9	249	109	3
632	Millersville U. PA	523	307	35	24	61	96	0
633	Frostburg State U.	521	372	121	18	10	0	0
634	Elizabethtown C.	514	394	120	0	0	0	0
635	SUNY Fredonia	513	111	103	15	0	284	0
636	Juniata C.	511	150	0	0	247	114	0
637	SUNY C. Potsdam	511	386	30	24	19	52	0
638	Allegheny C.	505	197	17	0	70	221	0
639	DePauw U.	503	192	0	1	4	306	0
640	Manhattan C.	498	166	302	12	18	0	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
641	St. Mary's U. (San Antonio, TX)	495	20	0	0	0	475	0
642	Muhlenberg C.	488	302	0	20	30	136	0
643	Goucher C.	485	322	0	0	163	0	0
644	AR Tech U.	477 i	250 i	45 i	17 i	6 i	159 i	0 i
645	Augustana C. (Rock Island, IL)	465	160	3	18	0	284	0
646	Mercy C.	464	426	0	0	6	32	0
647	U. Puget Sound	461	166	0	12	144	139	0
648	Coe C.	457	322	15	17	4	99	0
649	U. WI-River Falls	441	134	77	18	18	174	20
650	Simmons C.	440	181	0	0	207	10	42
651	Southern Polytechnic State U.	435	428	0	6	1	0	0
652	AK Pacific U.	434	283	31	120	0	0	0
653	Southwestern OK State U.	428	333	41	0	0	54	0
654	Pacific Lutheran U.	425	169	0	0	125	131	0
655	Wilkes U.	420	345	61	0	14	0	0
656	Kenyon C.	414	413	0	0	0	1	0
657	CO State U. Pueblo	413	364	5	0	44	0	0
658	U. NC Pembroke	408	210	124	0	74	0	0
659	Southern U. New Orleans	402	369	0	0	0	33	0
660	Jacksonville State U.	398	133	0	153	0	112	0
661	Ft. Lewis C.	392	340	17	0	25	10	0
662	U. WI-Stout	388	148	50	5	0	173	12
663	Fuller Theological Seminary	384	0	2	0	107	42	233
664	Winona State U.	375	141	163	37	2	32	0
665	Cooper Union, The	371	194	0	54	49	74	0
666	Adelphi U.	360	290	0	0	0	70	0
667	Midwestern State U.	348	10	4	9	243	82	0
668	Pitzer C.	347	36	0	0	122	189	0
669	Luther C.	342	102	82	2	16	140	0
670	St. Mary's C. MD	342	233	0	0	95	14	0
671	SUNY C. Oneonta	336	112	124	0	40	60	0
672	Jacksonville U.	335	9	134	22	149	21	0
673	OH Wesleyan U.	335	203	0	0	0	132	0
674	Eckerd C.	327	275	0	39	5	0	8
675	Vanguard U. Southern CA	319 i	269 i	0 i	0 i	15 i	35 i	0 i
676	St. Joseph's C. (Standish, ME)	317	316	0	0	1	0	0
677	Gustavus Adolphus C.	310	97	1	0	116	96	0
678	OH Northern U.	308	180	1	10	32	85	0
679	U. MT Western, The	301	253	0	0	0	48	0
680	Mayville State U.	275	212	63	0	0	0	0
681	Fairleigh Dickinson U.	254	210	22	17	5	0	0
682	Farmingdale State C.	253	228	0	0	0	25	0
683	SUNY New Paltz	251	182	3	16	22	28	0
684	U. Scranton	240	19	42	12	0	167	0
685	SUNY C. of A&T Morrisville	233	11	184	0	0	38	0
686	MA C. of Pharmacy and Health Sciences	232	38	0	194	0	0	0
687	CUNY New York City C. of Technology	231	81	0	13	9	128	0
688	Canisius C.	221	154	5	1	61	0	0
689	Jarvis Christian C.	216	184	0	0	32	0	0

TABLE C-3. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2010 (using FY 2009 institutional aggregations)  
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	Institution funds	All other sources
690	Dowling C.	200	200	0	0	0	0	0
691	Eastern OR U.	200	116	20	0	6	58	0
692	North GA C. & State U.	197	176	0	0	21	0	0
693	Southeastern OK State U.	192	171	15	0	3	3	0
694	NJ City U.	188	132	0	0	0	56	0
695	Benedictine U.	186	42	0	0	20	124	0
696	Fitchburg State C.	174	174	0	0	0	0	0
697	Carlos Albizu U. (San Juan, PR)	165	0	0	0	0	165	0
698	Sarah Lawrence C.	158	60	0	0	98	0	0

i = imputed. NA = not available; data were not provided by institution.

<sup>a</sup> The Johns Hopkins University includes the Applied Physics Laboratory, with \$1,079,931 in total R&D expenditures in FY 2010.

NOTES: This table represents institution aggregations used in FY 2009 and previous survey years. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2010.