

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Alabama	1,126,821
Public	1,105,223
Alabama A&M U.	12,840
Alabama State U.	2,577
Auburn U. System	231,944
Auburn U., Auburn	231,619
Auburn U., Montgomery	325
Jacksonville State U.	2,429
Troy U.	1,507
U. Alabama System	800,924
U. Alabama, Birmingham	607,863
U. Alabama, Huntsville	109,744
U. Alabama, Tuscaloosa	83,317
U. South Alabama	52,540
U. West Alabama	462
Private	21,598
Alabama C., Osteopathic Medicine	370
Oakwood U.	666
Tuskegee U.	20,562
Alaska	169,296
Public (U. Alaska System)	167,522
U. Alaska, Anchorage	21,724
U. Alaska, Fairbanks	144,457
U. Alaska, Southeast	1,341
Private	1,774
Alaska Pacific U.	1,774
Arizona	1,434,177
Public	1,433,947
Arizona Board of Regents	1,432,821
Arizona State U.	639,637
Northern Arizona U.	58,914
U. Arizona	734,270
Dine C.	1,126
Private	230
Southwest C. of Naturopathic Medicine and Health Sciences	230
Arkansas	367,555
Public	366,071
Arkansas State U. System	8,945
Arkansas State U., Jonesboro	8,945
Arkansas Tech U.	961
Southern Arkansas U.	329
U. Arkansas System	352,359
U. Arkansas for Medical Sciences	153,135
U. Arkansas, Fayetteville	180,225
U. Arkansas, Little Rock	9,975
U. Arkansas, Pine Bluff	9,024
U. Central Arkansas	3,477
Private	1,484
Hendrix C.	902
Ouachita Baptist U.	363

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>	
Philander Smith C.	219	
California	10,508,687	
Public	7,431,752	
California State U. System	374,995	
California Polytechnic State U., San Luis Obispo	30,923	
California State Polytechnic U., Pomona	6,099	
California State U., Bakersfield	7,591	
California State U., Channel Islands	1,572	
California State U., Chico	3,232	
California State U., Dominguez Hills	1,957	
California State U., East Bay	8,640	
California State U., Fresno	8,599	
California State U., Fullerton	7,173	
California State U., Long Beach	18,664	
California State U., Los Angeles	12,476	
California State U., Maritime Academy	2,959	
California State U., Monterey Bay	6,444	
California State U., Northridge	21,095	
California State U., Sacramento	23,544	
California State U., San Bernardino	16,062	
California State U., San Marcos	10,595	
California State U., Stanislaus	1,477	
Humboldt State U.	15,076	
San Diego State U.	92,964	
San Francisco State U.	31,888	
San Jose State U.	44,309	
Sonoma State U.	1,656	
Naval Postgraduate School	67,323	
U. California System	6,988,400	
U. California, Berkeley	802,931	
U. California, Davis	804,282	
U. California, Irvine	448,967	
U. California, Los Angeles	1,306,376	
U. California, Merced	44,890	
U. California, Office of the President	67,702	
U. California, Riverside	177,655	
U. California, San Diego	1,353,763	
U. California, San Francisco	1,595,098	
U. California, Santa Barbara	243,778	
U. California, Santa Cruz	142,958	
U. California, Hastings C. of Law	1,034	i
Private	3,076,935	
Azusa Pacific U.	5,598	
Biola U.	1,155	i
California Institute of Technology	399,931	
California Lutheran U.	1,143	
Chapman U.	19,592	
Charles R. Drew U. of Medicine and Science	13,739	
Dominican U. California	828	i
Fielding Graduate U.	852	

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(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>	
High Tech High Graduate School of Ed.	2,223	
International Technological U.	660	i
La Sierra U.	1,581	
Life Chiropractic C.-West	350	
Loma Linda U.	24,408	i
Loyola Marymount U.	7,272	
Marshall B. Ketchum U.	1,430	i
Mills C.	1,643	
Occidental C.	2,458	
Palo Alto U.	290	
Pepperdine U.	2,170	
Point Loma Nazarene U.	265	
Santa Clara U.	2,319	
Scripps Research Institute	427,734	
Southern California U. of Health Sciences	150	i
Stanford U.	1,204,116	
The Claremont Colleges	24,261	
Claremont Graduate U.	8,715	
Claremont McKenna C.	6,214	
Claremont School of Theology	431	
Harvey Mudd C.	3,353	
Keck Graduate Institute	2,095	i
Pitzer C.	468	
Pomona C.	2,985	
Touro C. and U. System <sup>a</sup>	3,543	
Touro U.	3,543	
U. of the Pacific	3,078	
U. San Diego	6,036	
U. San Francisco	2,712	
U. Southern California	909,683	
Western U. of Health Sciences	4,951	
Westmont C.	376	
Whittier C.	388	
Colorado	1,624,123	
Public	1,584,633	
Colorado Mesa U.	372	
Colorado School of Mines	70,397	
Colorado State U. System	401,584	
Colorado State U., Fort Collins	398,477	
Colorado State U., Pueblo	3,107	
Fort Lewis C.	1,460	
Metropolitan State U. of Denver	574	
U. Colorado System	1,061,274	
U. Colorado Boulder	513,822	
U. Colorado Colorado Springs	4,720	
U. Colorado Denver and Anschutz Medical Campus	542,732	
U. Northern Colorado	4,571	
U.S. Air Force Academy	43,941	
Western State Colorado U.	460	
Private	39,490	

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**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Colorado C.	2,233
Regis U.	706
U. Denver	36,551
Connecticut	1,390,925
Public	294,852
Connecticut State U. System	8,380
Central Connecticut State U.	1,381
Eastern Connecticut State U.	1,659
Southern Connecticut State U.	4,627
Western Connecticut State U.	713
U. Connecticut	285,764
U.S. Coast Guard Academy	708
Private	1,096,073
Connecticut C.	1,894
Fairfield U.	1,279
Quinnipiac U.	980
Sacred Heart U.	563
Trinity C., Hartford	1,858
U. Bridgeport	642
U. Hartford	1,528
U. New Haven	5,062
Wesleyan U.	9,958
Yale U.	1,072,309
Delaware	229,287
Public	229,287
Delaware State U.	23,017
U. Delaware	206,270
District of Columbia	664,872
Public	9,031
National Defense U.	4,231
U. of the District of Columbia	4,800
Private	655,841
American U.	71,053
Catholic U. of America	24,484
Gallaudet U.	5,382
George Washington U.	269,799
Georgetown U.	240,960
Howard U.	44,163
Florida	2,690,200
Public (State U. Florida Board of Governors)	2,270,424
Florida A&M U.	42,470
Florida Atlantic U.	51,085
Florida Gulf Coast U.	5,907
Florida International U.	225,864
Florida Polytechnic U.	2,006
Florida State U.	329,205
New C. Florida	962
U. Central Florida	225,085
U. Florida	928,639
U. North Florida	12,341

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(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
U. South Florida System	404,883
U. South Florida, Saint Petersburg	11,686
U. South Florida, Sarasota-Manatee	1,872
U. South Florida, Tampa	391,325
U. West Florida	41,977
Private	419,776
Barry U.	295
Bethune-Cookman U.	735
Eckerd C.	435
Embry-Riddle Aeronautical U.	12,478
Florida Institute of Technology	17,876
Jacksonville U.	365
Keiser U.	450
Nova Southeastern U.	24,567
Rollins C.	626
St. Thomas U., Miami Gardens	268
Stetson U.	476
U. Miami	360,716
U. Tampa	489
Georgia	2,671,533
Public (U. System Georgia Board of Regents)	1,783,836
Albany State U.	1,491
Augusta U.	96,502
Clayton State U.	330
Fort Valley State U.	4,563
Georgia C. and State U.	548
Georgia Gwinnett C.	610
Georgia Institute of Technology	960,167
Georgia Southern U.	11,166
Georgia State U.	195,572
Kennesaw State U.	30,381
Middle Georgia State U.	250
Savannah State U.	1,720
U. Georgia	477,536
U. North Georgia	2,068
U. West Georgia	508
Valdosta State U.	424
Private	887,697
Agnes Scott C.	229
Berry C.	553
Clark Atlanta U.	9,048
Emory U.	794,928
Life U.	207
Mercer U.	44,128
Morehouse C.	4,564
Morehouse School of Medicine	31,289
Spelman C.	2,751
Hawaii	302,252
Public (U. Hawaii System)	300,272
U. Hawaii, Hilo	6,864

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
U. Hawaii, Manoa	280,416
U. Hawaii, Maui C.	833
U. Hawaii, system office	12,159
Private	1,980
Hawaii Pacific U.	1,980
Idaho	168,949
Public	168,502
Boise State U.	39,824
Idaho State U.	14,972
Lewis-Clark State C.	599
U. Idaho	113,107
Private	447
Northwest Nazarene U.	447
Illinois	2,712,932
Public	1,183,001
Chicago State U.	898
Eastern Illinois U.	700
Governors State U.	735
Illinois State U.	27,082
Northeastern Illinois U.	2,478
Northern Illinois U.	26,570
Southern Illinois U. System	59,817
Southern Illinois U., Carbondale	41,729
Southern Illinois U., Edwardsville	18,088
U. Illinois System	1,062,348
U. Illinois, Chicago	382,949
U. Illinois, Springfield	1,876
U. Illinois, Urbana-Champaign	677,523
Western Illinois U.	2,373
Private	1,529,931
Augustana C., Rock Island	237
Benedictine U.	175
Bradley U.	1,357
DePaul U.	6,144
Elmhurst C.	224
Erikson Institute	2,279
Illinois C. of Optometry	326
Illinois Institute of Technology	34,334
Lake Forest C.	452
Loyola U., Chicago	39,223
Midwestern U.	10,343
North Central C.	350
Northwestern U.	857,069
Rosalind Franklin U. of Medicine and Science	16,126
Rush U.	96,267
Toyota Technological Institute, Chicago	3,681
U. Chicago	459,171
Wheaton C., Wheaton	2,173
Indiana	1,668,618
Public	1,424,023

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(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Ball State U.	12,145
Indiana State U.	1,682
Indiana U.	738,219
Indiana U., Bloomington	668,157
Indiana U., Kokomo	393
Indiana U., Northwest	509
Indiana U., South Bend	968
Indiana U., Southeast	557
Indiana U.-Purdue U., Indianapolis	67,635
Purdue U.	671,615
Purdue U., Fort Wayne	2,416
Purdue U., Northwest	5,272
Purdue U., West Lafayette	663,927
U. Southern Indiana	362
Private	244,595
Butler U.	680
DePauw U.	308
Earlham C.	456
Indiana Wesleyan U.	706
Manchester U.	541
Rose-Hulman Institute of Technology	168
Taylor U.	225
U. Evansville	350
U. Notre Dame	240,078
Valparaiso U.	763
Wabash C.	320
Iowa	882,911
Public (Iowa Board of Regents)	870,455
Iowa State U.	358,474
U. Iowa	508,353
U. Northern Iowa	3,628
Private	12,456
Coe C.	699
Cornell C.	417
Des Moines U.	1,954
Dordt C.	920
Drake U.	865
Grinnell C.	5,500
Luther C.	451
Palmer C. of Chiropractic	1,650
Palmer C. of Chiropractic, Davenport	1,650
Kansas	704,493
Public (Kansas Board of Regents)	704,493
Emporia State U.	777
Fort Hays State U.	1,143
Kansas State U.	218,622
Pittsburg State U.	2,513
U. Kansas	352,643
Wichita State U.	128,795
Kentucky	611,489

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(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Public (Kentucky Council on Postsecondary Education)	610,983
Eastern Kentucky U.	1,125
Kentucky State U.	8,433
Morehead State U.	2,028
Murray State U.	3,710
Northern Kentucky U.	2,363
U. Kentucky	410,581
U. Louisville	173,462
Western Kentucky U.	9,281
Private	506
Centre C.	506
Louisiana	781,076
Public (State of Louisiana Board of Regents)	570,776
Louisiana State U. System	364,245
Louisiana State U., Baton Rouge	296,497
Louisiana State U., Health Sciences Center, New Orleans	40,914
Louisiana State U., Health Sciences Center, Shreveport	26,262
Louisiana State U., Shreveport	572
Southern U. System	10,536
Southern U. and A&M C., Agricultural Research and Extension Center	5,448
Southern U. and A&M C., Baton Rouge	4,492
Southern U., New Orleans	596
U. Louisiana System	195,995
Grambling State U.	2,836
Louisiana Tech U.	26,143
McNeese State U.	370
Nicholls State U.	738
Northwestern State U. Louisiana	2,058
Southeastern Louisiana U.	1,971
U. Louisiana, Lafayette	144,187
U. Louisiana, Monroe	2,364
U. New Orleans	15,328
Private	210,300
Dillard U.	2,772
Loyola U., New Orleans	443
Tulane U.	196,933
Xavier U. Louisiana	10,152
Maine	151,775
Public	137,451
Maine Maritime Academy	358
U. Maine System	137,093
U. Maine	129,913
U. Maine Farmington	526
U. Southern Maine	6,654
Private	14,324
Bates C.	2,135
Bowdoin C.	2,991
Colby C.	1,852
U. New England	7,346
Maryland	4,631,380



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(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Public	1,712,337
Morgan State U.	13,253
St. Mary's C. Maryland	369
U. System Maryland	1,267,794
Bowie State U.	1,911
Coppin State U.	243
Salisbury U.	9,368
Towson U.	3,423
U. Baltimore	12,451
U. Maryland <sup>b</sup>	1,096,600
U. Maryland Center for Environmental Science	56,033
U. Maryland, Baltimore County	80,632
U. Maryland, Eastern Shore	7,133
U.S. Naval Academy	13,621
Uniformed Services U. of the Health Sciences	417,300
Private	2,919,043
Goucher C.	450
Johns Hopkins U. <sup>c</sup>	2,917,436
Loyola U., Maryland	663
Maryland Institute C. of Art	494
Massachusetts	4,315,609
Public	685,521
Massachusetts System of Public Higher Education	1,871
Bridgewater State U.	331
Framingham State U.	1,540
U. Massachusetts System	683,650
U. Massachusetts, Amherst	223,177
U. Massachusetts, Boston	62,018
U. Massachusetts, central office	4,916
U. Massachusetts, Dartmouth	28,036
U. Massachusetts, Lowell	83,996
U. Massachusetts, Medical School	281,507
Private	3,630,088
Amherst C.	6,325
Babson C.	1,845
Bentley U.	465
Boston C.	61,956
Boston U.	534,205
Brandeis U.	60,825
C. of the Holy Cross	477
Clark U.	10,193
Emerson C.	1,145
Franklin W. Olin C. of Engineering	1,655
Hampshire C.	225
Harvard U.	1,239,736
Hult International Business School	959
Lasell C.	163
Massachusetts Institute of Technology	1,009,466
MCPHS U.	606
Merrimack C.	1,097

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
MGH Institute of Health Professions	4,130
Mount Holyoke C.	2,979
New England C. of Optometry	1,223
Northeastern U.	183,998
Simmons U.	472
Smith C.	6,041
Stonehill C.	1,019
Suffolk U.	2,056
Tufts U.	213,285
Wellesley C.	8,810
Western New England U.	283
Wheaton C., Norton	240
Williams C.	5,188
Woods Hole Oceanographic Institution	229,143
Worcester Polytechnic Institute	39,878
<b>Michigan</b>	<b>2,893,098</b>
Public	2,815,910
Central Michigan U.	17,102
Eastern Michigan U.	7,175
Ferris State U.	366
Grand Valley State U.	6,592
Lake Superior State U.	830
Michigan State U.	725,708
Michigan Technological U.	80,443
Northern Michigan U.	1,520
Oakland U.	18,002
Saginaw Valley State U.	2,818
U. Michigan	1,686,066
U. Michigan, Ann Arbor	1,675,805
U. Michigan, Dearborn	8,813
U. Michigan, Flint	1,448
Wayne State U.	244,217
Western Michigan U. and Homer Stryker M.D. School of Medicine	25,071
Private	77,188
Albion C.	1,040
Andrews U.	1,126
Calvin U.	1,577
Hope C.	2,745
Kalamazoo C.	635
Kettering U.	1,765
Lawrence Technological U.	1,352
U. Detroit Mercy	5,210
Van Andel Research Institute	61,738
<b>Minnesota</b>	<b>1,064,515</b>
Public	1,050,303
Minnesota State Colleges and Universities System	7,506
Metropolitan State U.	150
Minnesota State U., Mankato	3,392
Minnesota State U., Moorhead	209
St. Cloud State U.	3,275

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>	
Winona State U.	480	
U. Minnesota	1,042,797	
U. Minnesota, Crookston	282	
U. Minnesota, Duluth	27,530	
U. Minnesota, Morris	1,234	
U. Minnesota, Rochester	639	
U. Minnesota, Twin Cities	1,013,112	
Private	14,212	
Augsburg U.	991	
C. of Saint Benedict	1,126	i
Carleton C.	4,388	
Gustavus Adolphus C.	808	
Macalester C.	1,808	
Northwestern Health Sciences U.	150	i
Saint John's U., Collegeville	1,191	i
Saint Mary's U. Minnesota	603	
St. Catherine U.	267	
St. Olaf C.	1,010	
U. of St. Thomas (MN)	1,870	
Mississippi	537,207	
Public (Mississippi State Institutions of Higher Learning)	533,584	
Alcorn State U.	14,435	
Delta State U.	204	
Jackson State U.	18,160	
Mississippi State U.	264,526	
Mississippi Valley State U.	986	
U. Mississippi	158,809	
U. Southern Mississippi	76,464	
Private	3,623	
Millsaps C.	243	
Tougaloo C.	3,380	
Missouri	1,327,314	
Public (Missouri Department of Higher Education)	373,068	
Lincoln U., Jefferson City	4,581	
Missouri State U.	5,910	
Missouri Western State U.	176	
Northwest Missouri State U.	192	
Southeast Missouri State U.	372	
Truman State U.	285	
U. Central Missouri	415	
U. Missouri System	361,137	
Missouri U. of Science and Technology	41,939	
U. Missouri, Columbia	278,793	
U. Missouri, Kansas City	26,708	
U. Missouri, Saint Louis	13,697	
Private	954,246	
A. T. Still U.	644	
Kansas City U. of Medicine and Biosciences	245	
Logan U.	166	
Saint Louis U.	66,103	

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Washington U., Saint Louis	887,088
Montana	274,240
Public (Montana U. System)	272,988
Montana State U.	155,592
Montana State U., Billings	545
Montana State U., Bozeman	154,811
Montana State U., Northern	236
U. Montana	117,396
Montana Technological U.	12,731
U. Montana, Missoula	104,665
Private	1,252
Salish Kootenai C.	1,252
Nebraska	572,488
Public	547,356
U. Nebraska System	547,356
U. Nebraska, central administration	18,860
U. Nebraska, Kearney	2,919
U. Nebraska, Lincoln	316,820
U. Nebraska, Medical Center	194,455
U. Nebraska, Omaha	14,302
Private	25,132
Creighton U.	24,039
Doane U.	1,093
Nevada	283,413
Public (Nevada System of Higher Education)	279,497
C. Southern Nevada	232
Desert Research Institute	26,991
Nevada State C.	701
U. Nevada, Las Vegas	99,445
U. Nevada, Reno	152,128
Private	3,916
Roseman U. of Health Sciences	3,916
New Hampshire	493,063
Public (U. System of New Hampshire)	150,921
Keene State C.	1,061
Plymouth State U.	880
U. New Hampshire	148,980
Private	342,142
Dartmouth C. and Dartmouth Hitchcock Medical Center	342,142
New Jersey	1,335,714
Public	903,911
C. New Jersey	1,199
Kean U.	2,174
Montclair State U.	10,225
New Jersey City U.	5,961
New Jersey Institute of Technology	161,232
Ramapo C. New Jersey	351
Rowan U.	22,892
Rutgers, the State U. of New Jersey	687,121
Rutgers, State U. New Jersey, Camden	3,211

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<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Rutgers, State U. New Jersey, New Brunswick	657,249
Rutgers, State U. New Jersey, Newark	26,661
Stockton U.	2,634
William Paterson U.	10,122
Private	431,803
Fairleigh Dickinson U.	791
Monmouth U.	1,294
Princeton U.	385,739
Rider U.	228
Seton Hall U.	7,056
Stevens Institute of Technology	36,695
New Mexico	367,975
Public (New Mexico Higher Education Department)	367,975
Eastern New Mexico U., Portales	292
New Mexico Highlands U.	1,333
New Mexico Institute of Mining and Technology	24,616
New Mexico State U.	101,457
Northern New Mexico C.	581
U. New Mexico	239,696
New York	7,086,232
Public	1,612,606
CUNY System	170,607
CUNY, Advanced Science Research Center	8,310
CUNY, Baruch C.	2,387
CUNY, Brooklyn C.	7,064
CUNY, C. Staten Island	3,986
CUNY, City C.	52,738
CUNY, Graduate Center	5,399
CUNY, Graduate School of Public Health and Health Policy	9,521
CUNY, Hunter C.	37,478
CUNY, John Jay C. of Criminal Justice	12,295
CUNY, Lehman C.	4,690
CUNY, Medgar Evers C.	1,397
CUNY, New York City C. of Technology	2,711
CUNY, Queens C.	18,391
CUNY, system office	2,619
CUNY, York C.	1,621
SUNY System	1,431,234
SUNY, Binghamton U.	104,297
SUNY, Buffalo State	2,124
SUNY, C. Brockport	1,390
SUNY, C. Cortland	527
SUNY, C. of Environmental Science and Forestry	29,137
SUNY, C. of Optometry	2,968
SUNY, C. Plattsburgh	1,729
SUNY, Delhi	634
SUNY, Downstate Medical Center	36,015
SUNY, Geneseo	2,139
SUNY, New Paltz	494
SUNY, Oneonta	623

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
SUNY, Oswego	1,781
SUNY, Polytechnic Institute	352,889
SUNY, Potsdam	235
SUNY, Stony Brook U.	260,813
SUNY, U. Albany	181,531
SUNY, U. Buffalo	413,817
SUNY, Upstate Medical U.	38,091
U.S. Military Academy	10,765
Private	5,473,626
Adelphi U.	359
Albany C. of Pharmacy and Health Sciences	3,383
Albany Medical C.	23,028
Albert Einstein C. of Medicine	298,824
Alfred U.	5,153
Bard C.	235
Barnard C.	4,010
Canisius C.	950
Clarkson U.	17,147
Cold Spring Harbor Laboratory	126,773
Colgate U.	3,756
Columbia U. in the City of New York	1,003,615
Cooper Union for the Advancement of Science and Art	710
Cornell U.	1,144,534
D'Youville C.	383
Fordham U.	20,287
Hamilton C.	2,050
Hobart and William Smith Colleges	1,919
Hofstra U.	1,744
Icahn School of Medicine at Mount Sinai	722,241
Ithaca C.	1,678
Le Moyne C.	163
Long Island U.	5,113
Manhattan C.	1,190
Marist C.	320
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	3,769
New School	13,421
New York Chiropractic C.	334
New York Institute of Technology	5,820
New York Law School	173
New York U.	934,720
Niagara U.	2,057
Pace U.	3,855
Rensselaer Polytechnic Institute	103,739
Rochester Institute of Technology	58,175
Rockefeller U.	351,089
Sarah Lawrence C.	532
Siena C.	944
Skidmore C.	3,012
St. Bonaventure U.	1,049
St. John's U., New York	2,352

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
St. Lawrence U.	194
Syracuse U.	154,366
Teachers C., Columbia U.	24,865
Touro C. and U. System <sup>a</sup>	19,868
New York Medical C.	19,398
Touro C.	470
U. Rochester	393,960
Union C., Schenectady	1,740
Utica C.	598
Vassar C.	1,009
Yeshiva U.	2,420
<b>North Carolina</b>	<b>3,390,169</b>
Public (U. North Carolina)	1,918,249
Appalachian State U.	3,268
East Carolina U.	55,611
Elizabeth City State U.	1,189
Fayetteville State U.	4,695
North Carolina Agricultural and Technical State U.	37,339
North Carolina Central U.	16,227
North Carolina State U.	541,100
U. North Carolina, Asheville	4,602
U. North Carolina, Chapel Hill	1,153,773
U. North Carolina, Charlotte	47,187
U. North Carolina, general administration	4,154
U. North Carolina, Greensboro	26,325
U. North Carolina, Pembroke	620
U. North Carolina, Wilmington	17,515
Western Carolina U.	2,633
Winston-Salem State U.	2,011
Private	1,471,920
Davidson C.	1,777
Duke U.	1,226,517
Elon U.	2,545
Johnson C. Smith U.	2,148
Wake Forest U.	238,933
<b>North Dakota</b>	<b>264,139</b>
Public (North Dakota U. System)	263,760
Mayville State U.	292
Minot State U.	251
North Dakota State U.	152,381
U. North Dakota	110,836
Private	379
United Tribes Technical C.	379
<b>Ohio</b>	<b>2,501,795</b>
Public	1,888,931
Air Force Institute of Technology	34,016
U. System Ohio Board of Regents	1,854,915
Bowling Green State U.	17,026
Central State U.	3,766
Cleveland State U.	80,077

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Kent State U.	47,188
Miami U.	22,380
Northeast Ohio Medical U.	18,016
Ohio State U.	929,250
Ohio U.	53,735
U. Akron	30,020
U. Cincinnati	529,796
U. Toledo	55,006
Wright State U.	64,208
Youngstown State U.	4,447
Private	612,864
Baldwin Wallace U.	221
C. Wooster	1,758
Case Western Reserve U.	438,994
Denison U.	577
Heidelberg U.	1,237
John Carroll U.	658
Kenyon C.	1,092
Oberlin C.	2,076
Ohio Northern U.	316
Ohio Wesleyan U.	325
U. Dayton	165,343
Wittenberg U.	267
Oklahoma	535,115
Public (Oklahoma State System of Higher Education)	516,467
Oklahoma Agricultural and Mechanical Colleges	200,403
Langston U.	10,719
Oklahoma State U., Center for Health Sciences	5,408
Oklahoma State U., Stillwater	184,276
Regional University System of Oklahoma	7,012
East Central U.	394
Northeastern State U.	432
Southwestern Oklahoma State U.	504
U. Central Oklahoma	5,682
U. Oklahoma	309,052
U. Oklahoma, Norman and Health Science Center	302,679
U. Oklahoma, Tulsa	6,373
Private	18,648
U. Tulsa	18,648
Oregon	865,204
Public	845,857
Eastern Oregon U.	472
Oregon Health and Science U.	415,629
Oregon Institute of Technology	4,793
Oregon State U.	263,830
Portland State U.	50,045
Southern Oregon U.	424
U. Oregon	110,664
Private	19,347
Lewis and Clark C.	2,750



TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>	
Linfield C.	464	
National U. of Natural Medicine	1,245	
Pacific U.	8,753	
Reed C.	3,240	
U. Portland	942	
Willamette U.	1,953	
Pennsylvania	4,660,156	
Public	2,342,134	
Pennsylvania State System of Higher Education	18,113	
Bloomsburg U. Pennsylvania	734	
East Stroudsburg U. Pennsylvania	677	
Indiana U. Pennsylvania	8,119	
Kutztown U. Pennsylvania	464	
Millersville U. Pennsylvania	782	
Shippensburg U. Pennsylvania	347	
Slippery Rock U. Pennsylvania	213	
West Chester U. Pennsylvania	6,777	
Pennsylvania State U.	957,769	
Pennsylvania State U., Altoona	680	
Pennsylvania State U., Beaver	271	
Pennsylvania State U., Behrend	3,414	
Pennsylvania State U., Berks	273	
Pennsylvania State U., Brandywine	228	
Pennsylvania State U., Great Valley School of Graduate Professional Studies	419	
Pennsylvania State U., Harrisburg	2,805	
Pennsylvania State U., University Park and Hershey Medical Center	949,679	
Temple U.	284,301	
U. Pittsburgh	1,080,951	
U. Pittsburgh, Pittsburgh	1,080,951	
U.S. Army War C.	1,000	i
Private	2,318,022	
Allegheny C.	632	
Arcadia U.	522	
Bryn Athyn C.	305	
Bryn Mawr C.	9,846	
Bucknell U.	5,625	
Carnegie Mellon U.	359,720	
Dickinson C.	1,037	
Drexel U.	149,481	
Duquesne U.	16,947	
Franklin and Marshall C.	5,041	
Gannon U.	555	
Gettysburg C.	1,664	
Haverford C.	3,752	
Juniata C.	560	
La Salle U.	1,135	
Lafayette C.	1,554	
Lake Erie C. of Osteopathic Medicine	565	
Lehigh U.	38,185	
Mercyhurst U.	1,801	i

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Messiah C.	165
Moravian C.	273
Muhlenberg C.	539
Philadelphia C. of Osteopathic Medicine	3,162
Saint Francis U.	829
Saint Joseph's U.	2,851
Salus U.	854
Susquehanna U.	368
Swarthmore C.	4,203
Thomas Jefferson U.	170,458
U. of the Sciences Philadelphia	3,740
U. Pennsylvania	1,506,285
U. Scranton	450
Ursinus C.	768
Villanova U.	22,837
Widener U., Chester	764
Wilkes U.	549
Rhode Island	391,423
Public	129,700
Naval War C.	5,060
Rhode Island Board of Governors for Higher Education	124,640
Rhode Island C.	9,480
U. Rhode Island	115,160
Private	261,723
Brown U.	256,954
Bryant U.	353
Providence C.	1,042
Rhode Island School of Design	1,027
Roger Williams U.	1,852
Salve Regina U.	495
South Carolina	745,946
Public	740,552
C. Charleston	7,610
Citadel Military C. South Carolina	1,120
Clemson U.	218,760
Coastal Carolina U.	2,042
Francis Marion U.	362
Medical U. South Carolina	295,600
South Carolina State U.	3,659
U. South Carolina	209,210
U. South Carolina Upstate	257
U. South Carolina, Aiken	2,481
U. South Carolina, Beaufort	532
U. South Carolina, Columbia	205,940
Winthrop U.	2,189
Private	5,394
Benedict C.	1,269
Clafin U.	1,746
Coker C.	434
Converse C.	317

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Furman U.	1,628
South Dakota	119,472
Public	118,444
Oglala Lakota C.	683
South Dakota Board of Regents	117,761
Black Hills State U.	2,031
Dakota State U.	3,710
Northern State U.	225
South Dakota School of Mines and Technology	12,973
South Dakota State U.	66,794
U. South Dakota	32,028
Private	1,028
Augustana U.	841
Dakota Wesleyan U.	187
Tennessee	1,338,653
Public	537,603
Tennessee Board of Regents System	111,892
Austin Peay State U.	2,285
East Tennessee State U.	14,197
Middle Tennessee State U.	7,673
Tennessee State U.	15,236
Tennessee Technological U.	13,801
U. Memphis	58,700
U. Tennessee System	425,711
U. Tennessee, Chattanooga	9,280
U. Tennessee, Health Science Center	96,979
U. Tennessee, Knoxville	247,693
U. Tennessee, Knoxville, Institute of Agriculture	71,396
U. Tennessee, Martin	363
Private	801,050
Fisk U.	4,748
Meharry Medical C.	18,286
Sewanee: U. of the South	867
Southern C. of Optometry	212
Vanderbilt U. and Vanderbilt U. Medical Center	776,937
Texas	5,975,045
Public	5,039,952
Midwestern State U.	1,100
Stephen F. Austin State U.	3,679
Texas A&M U. System	1,054,201
Prairie View A&M U.	18,018
Tarleton State U.	13,171
Texas A&M International U.	6,068
Texas A&M U., College Station and Health Science Center	952,156
Texas A&M U.-Central Texas	428
Texas A&M U.-Commerce	3,403
Texas A&M U.-Corpus Christi	32,944
Texas A&M U.-Kingsville	22,268
Texas A&M U.-San Antonio	308
West Texas A&M U.	5,437

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Texas Southern U.	4,893
Texas State U. System	81,199
Lamar U.	4,848
Sam Houston State U.	9,445
Sul Ross State U.	2,352
Texas State U.	64,554
Texas Tech U. System	250,693
Angelo State U.	815
Texas Tech U.	193,923
Texas Tech U., Health Sciences Center	44,072
Texas Tech U., Health Sciences Center, El Paso	11,883
Texas Woman's U.	4,477
U. Houston System	199,949
U. Houston	195,398
U. Houston system administration	965
U. Houston-Clear Lake	1,370
U. Houston-Downtown	2,216
U. North Texas System	128,815
U. North Texas, Denton	78,691
U. North Texas, Health Science Center	50,124
U. Texas System	3,310,946
U. Texas Health Science Center, Houston	271,525
U. Texas Health Science Center, San Antonio	188,483
U. Texas Health Science Center, Tyler	16,538
U. Texas M. D. Anderson Cancer Center	969,496
U. Texas Medical Branch	175,372
U. Texas of the Permian Basin	1,642
U. Texas Rio Grande Valley	52,016
U. Texas Southwestern Medical Center	496,697
U. Texas, Arlington	123,207
U. Texas, Austin	696,111
U. Texas, Dallas	126,661
U. Texas, El Paso	106,809
U. Texas, San Antonio	84,326
U. Texas, Tyler	2,063
Private	935,093
Abilene Christian U.	979
Austin C.	376
Baylor C. of Medicine	651,920
Baylor U.	33,304
LeTourneau U.	239
Rice U.	182,564
Southern Methodist U.	42,562
Southwestern U.	334
St. Edward's U.	9,650
St. Mary's U., San Antonio	865
Texas Chiropractic C.	212
Texas Christian U.	6,552
Trinity U.	3,736
U. of the Incarnate Word	1,800

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Utah	926,676
Public (Utah System of Higher Education)	887,094
Southern Utah U.	812
U. Utah	601,133
Utah State U.	283,917
Utah Valley U.	151
Weber State U.	1,081
Private	39,582
Brigham Young U., Provo	39,582
Vermont	139,708
Public	135,859
U. Vermont	135,859
Private	3,849
Middlebury C.	1,657
Norwich U.	992
Saint Michael's C.	1,200
Virginia	1,817,467
Public	1,790,614
Christopher Newport U.	1,961
Eastern Virginia Medical School	27,064
George Mason U.	186,267
James Madison U.	8,726
Longwood U.	353
Norfolk State U.	8,050
Old Dominion U.	67,425
Radford U.	879
U. of Mary Washington	1,315
U. Virginia, Charlottesville	613,938
Virginia Commonwealth U.	255,648
Virginia Military Institute	727
Virginia Polytechnic Institute and State U.	541,969
Virginia State U.	11,457
William & Mary	64,835
Private	26,853
Eastern Mennonite U.	209
Edward Via C. of Osteopathic Medicine	7,225
Ferrum C.	184
Hampton U.	13,605
Liberty U.	1,780
Roanoke C.	826
U. Richmond	2,783
Washington and Lee U.	241
Washington	1,834,048
Public	1,826,807
Central Washington U.	3,223
Eastern Washington U.	2,024
Evergreen State C.	563
Northwest Indian C.	2,659
U. Washington	1,437,022
U. Washington, Bothell	7,950

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
U. Washington, Seattle	1,425,601
U. Washington, Tacoma	3,471
Washington State U.	369,333
Western Washington U.	11,983
Private	7,241
Bastyr U.	389
Gonzaga U.	187
Pacific Lutheran U.	342
Pacific Northwest U. of Health Sciences	833
Seattle Pacific U.	724
Seattle U.	2,223
U. Puget Sound	1,039
Whitman C.	1,083
Whitworth U.	421
West Virginia	217,031
Public (West Virginia Higher Education Policy Commission)	216,417
Bluefield State C.	595
Marshall U.	19,622
West Liberty U.	908
West Virginia School of Osteopathic Medicine	1,951
West Virginia State U.	5,829
West Virginia U.	187,512
Private	614
Future Generations U.	286
Wheeling Jesuit U.	328
Wisconsin	1,656,770
Public (U. Wisconsin System)	1,368,688
U. Wisconsin-Eau Claire	1,530
U. Wisconsin-Green Bay	2,083
U. Wisconsin-La Crosse	2,692
U. Wisconsin-Madison	1,297,331
U. Wisconsin-Milwaukee	53,773
U. Wisconsin-Oshkosh	1,713
U. Wisconsin-Parkside	213
U. Wisconsin-Platteville	1,084
U. Wisconsin-River Falls	1,130
U. Wisconsin-Stevens Point	3,464
U. Wisconsin-Stout	668
U. Wisconsin-Superior	2,250
U. Wisconsin-Whitewater	757
Private	288,082
Alverno C.	216
Beloit C.	201
Concordia U., Wisconsin	248
Lawrence U.	508
Marquette U.	37,777
Medical C. Wisconsin	244,752
Milwaukee School of Engineering	4,026
St. Norbert C.	354
Wyoming	80,353

TABLE 6

**Higher education R&D expenditures at institutions in both survey populations, by state, institutional control, system, and institution: FY 2019**

(Dollars in thousands)

<b>State, institutional control, system, and institution</b>	<b>All R&amp;D expenditures</b>
Public (Wyoming Department of Education)	80,353
U. Wyoming	80,353
American Samoa	860
Public	860
American Samoa Community C.	860
Guam	12,249
Public (U. Guam Board of Regents)	12,249
U. Guam	12,249
Puerto Rico	124,472
Public (U. Puerto Rico)	100,160
U. Puerto Rico, Aguadilla	465
U. Puerto Rico, Cayey	1,870
U. Puerto Rico, Humacao	1,195
U. Puerto Rico, Mayaguez	26,877
U. Puerto Rico, Medical Sciences Campus	45,014
U. Puerto Rico, Ponce	651
U. Puerto Rico, Rio Piedras	24,088
Private	24,312
Ana G. Mendez U. System	5,668
U. Ana G. Mendez, Carolina	1,099
U. Ana G. Mendez, Cupey	624
U. Ana G. Mendez, Gurabo	3,945
Polytechnic U. Puerto Rico	2,118
Ponce Health Sciences U.	11,390
Pontifical Catholic U. Puerto Rico, Ponce	287
San Juan Bautista School of Medicine	896
U. Central del Caribe	3,953
Virgin Islands	12,236
Public	12,236
U. of the Virgin Islands	12,236

i = imputed.

<sup>a</sup> The Touro College and University System is a private higher education institution with campuses in the states of California, Nevada, and New York. FY 2019 research expenditures across all campuses total \$23,411 thousand.

<sup>b</sup> The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.

<sup>c</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$1,725,018 thousand in total R&D expenditures in FY 2019.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2019.