

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
Alabama		
Public		
U. AL, Birmingham	503,698	369,116
U. South AL	42,233	16,810
Arizona		
Public		
U. AZ	610,565	160,136
Arkansas		
Public		
U. AR for Medical Sciences	122,066	122,066
California		
Public		
U. CA, Davis	707,896	161,018
U. CA, Irvine	344,678	124,321
U. CA, Los Angeles	982,357	439,717
U. CA, San Diego	1,009,378	466,971
U. CA, San Francisco	995,226	785,180
Private		
Charles R. Drew U. of Medicine and Science <sup>a</sup>	22,150	0
Loma Linda U.	39,409	29,412
Stanford U.	907,971	535,735
Touro U., Vallejo	1,779	1,033
U. Southern CA	603,294	328,408
Western U. of Health Sciences	1,768	901
Colorado		
Public		
U. CO, Denver and Anschutz Medical Campus	417,587	324,592
Connecticut		
Public		
U. CT	253,792	90,248
Private		
Yale U.	656,967	488,726
District of Columbia		
Private		
George Washington U.	197,621	115,717
Georgetown U.	169,916	140,236
Howard U.	42,341	22,913
Florida		
Public		
FL Atlantic U.	62,024	6,886
FL International U.	110,006	2,402
FL State U.	230,411	10,566
U. Central FL	109,190	2,185
U. FL	739,931	248,017
U. South FL, Tampa	394,963	229,900

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011  
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
Private		
Nova Southeastern U.	12,322	5,543
U. Miami	323,486	238,104
Georgia		
Public		
GA Health Sciences U.	73,486	62,365
Private		
Emory U.	547,316	369,217
Mercer U.	29,039	4,844
Morehouse School of Medicine	33,946	33,946
Hawaii		
Public		
U. HI, Manoa	318,316	46,821
Illinois		
Public		
Southern IL U., Carbondale	71,130	29,294
U. IL, Chicago	380,828	181,419
Private		
Loyola U., Chicago	42,708	35,028
Midwestern U., Downers Grove	4,022	3,350
Northwestern U.	618,980	406,311
Rosalind Franklin U. of Medicine and Science	14,261	12,897
Rush U.	79,212	75,110
U. Chicago	453,562	217,147
Indiana		
Public		
IN U., Bloomington	184,096	126
IN U.-Purdue U., Indianapolis	322,617	269,662
Iowa		
Public		
U. IA	443,893	240,399
Private		
Des Moines U.	924	532
Kansas		
Public		
U. KS	302,668	151,629
Kentucky		
Public		
U. KY	372,932	149,354
U. Louisville	197,438	110,110
Louisiana		
Public		
LA State U., Health Sciences Ctr., New Orleans	57,007	42,997
LA State U., Medical Ctr., Shreveport	31,021	31,021

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011  
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
Private		
Tulane U.	171,703	51,398
Maine		
Private		
U. New England	4,016	1,172
Maryland		
Public		
Uniformed Services U. of the Health Sciences	175,365	175,365
U. MD, Baltimore	409,665	335,817
Private		
Johns Hopkins U. <sup>b</sup>	2,145,308	646,463
Massachusetts		
Public		
U. MA, Medical School	262,714	262,714
Private		
Boston U.	355,916	200,781
Harvard U.	649,774	247,869
Tufts U.	156,395	61,443
Michigan		
Public		
MI State U.	454,248	42,950
Oakland U.	15,868	13
U. MI, Ann Arbor	1,279,123	544,829
Wayne State U.	259,895	172,383
Minnesota		
Public		
U. MN, Twin Cities	847,419	261,228
Mississippi		
Public		
U. MS and U. MS Medical Ctr.	132,164	34,762
Missouri		
Public		
U. MO, Columbia	230,957	34,864
U. MO, Kansas City	32,769	7,364
Private		
A. T. Still U. of Health Sciences	1,925	1,424
Kansas City U. of Medicine and Biosciences	239	239
St. Louis U.	53,179	28,910
Washington U., St. Louis	725,039	631,107
Nebraska		
Public		
U. NE, Medical Ctr.	133,036	84,113
Private		
Creighton U.	31,443	23,633

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011  
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
Nevada		
Public		
U. NV, Reno	89,740	16,115
New Hampshire		
Private		
Dartmouth C.	210,631	123,604
New Jersey		
Public		
U. of Medicine and Dentistry of NJ	234,354	234,354
New Mexico		
Public		
U. NM	220,565	90,442
New York		
Public		
SUNY, Health Science Ctr. Brooklyn	41,993	41,621
SUNY, Stony Brook U.	211,356	91,529
SUNY, U. Buffalo	353,172	157,418
SUNY, Upstate Medical U.	39,988	35,417
Private		
Albany Medical C.	20,876	20,876
Columbia U. in the City of New York	878,900	446,226
Cornell U.	781,651	270,457
Mt. Sinai School of Medicine	363,091	363,091
NY Institute of Technology	2,059	201
NY Medical C.	27,316	27,167
NY U.	430,752	307,963
Touro C.	39,406	22,620
U. Rochester	429,034	289,639
Yeshiva U.	283,673	282,326
North Carolina		
Public		
East Carolina U.	28,114	13,335
U. NC, Chapel Hill	767,450	426,960
Private		
Duke U.	1,022,207	831,440
Wake Forest U.	209,134	200,361
North Dakota		
Public		
U. ND	74,882	12,666
Ohio		
Public		
Northeast OH Medical U.	13,581	9,085
OH State U.	832,126	339,212
OH U.	57,643	4,392
U. Cincinnati	448,936	348,315

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011  
(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
U. Toledo	74,149	28,521
Wright State U.	48,501	5,959
Private		
Case Western Reserve U.	429,206	343,663
Oklahoma		
Public		
OK State U. Ctr. for Health Sciences	2,815	2,815
U. OK	189,506	50,455
Oregon		
Public		
OR Health and Science U.	334,324	183,162
Pennsylvania		
Public		
PA State U., University Park and Hershey Medical Ctr.	794,846	96,815
Temple U.	126,478	63,542
U. Pittsburgh, Pittsburgh	899,386	637,764
Private		
Drexel U.	115,020	47,690
Philadelphia C. of Osteopathic Medicine	2,401	1,047
Thomas Jefferson U.	104,923	97,626
U. PA	886,036	629,281
Rhode Island		
Private		
Brown U.	344,090	101,473
South Carolina		
Public		
Medical U. SC	213,346	179,650
U. SC, Columbia	201,592	12,219
South Dakota		
Public		
U. SD	28,959	8,701
Tennessee		
Public		
East TN State U.	10,249	6,805
U. TN, Health Science Ctr.	81,220	81,220
Private		
Meharry Medical C.	29,055	26,582
Vanderbilt U.	566,031	429,882
Texas		
Public		
TX A&M Health Science Ctr.	74,957	24,715
TX Tech U., Health Sciences Ctr.	58,774	42,839
U. North TX, Health Science Ctr.	45,943	6,068
U. TX, Health Science Ctr., Houston	261,172	156,498
U. TX, Health Science Ctr., San Antonio	198,655	166,609
U. TX, Medical Branch	193,555	70,988

TABLE 37. Higher education R&D expenditures at institutions with a medical school, by state, institutional control, and institution: FY 2011

(Dollars in thousands)

State, institutional control, and institution	All R&D expenditures	Medical school R&D expenditures
U. TX, Southwestern Medical Ctr., Dallas	431,883	380,290
Private		
Baylor C. of Medicine	466,061	466,061
Utah		
Public		
U. UT	414,316	279,251
Vermont		
Public		
U. VT	132,356	86,478
Virginia		
Public		
U. VA, Charlottesville	292,106	192,428
VA Commonwealth U.	207,756	110,766
Private		
Eastern VA Medical School	36,569	36,434
Edward Via C. of Osteopathic Medicine	2,453	2,453
Washington		
Public		
U. WA, Seattle	1,148,533	603,142
West Virginia		
Public		
Marshall U.	26,723	10,309
WV School of Osteopathic Medicine	528	528
WV U.	166,420	41,828
Wisconsin		
Public		
U. WI, Madison	1,111,642	344,846
Private		
Medical C. WI	215,358	215,358
Puerto Rico		
Public		
U. PR, Medical Sciences Campus	64,017	26,225
Private		
Ponce School of Medicine	10,502	10,502
U. Central del Caribe	7,515	7,515

<sup>a</sup> MD degrees are granted by the University of California, Los Angeles (UCLA) through the Drew/UCLA Medical Education program, a partnership between the Charles R. Drew University of Medicine and Science and the UCLA David Geffen School of Medicine.

<sup>b</sup> Johns Hopkins University includes Applied Physics Laboratory, with \$1,160,966 thousand in total R&D expenditures in FY 2011.

NOTE: The source for medical schools is institution response to survey question 4.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2011.