

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
All institutions	-	76,061,852	41,492,293	117,554,145
Johns Hopkins U. <sup>a</sup>	1	3,152,309	976,955	4,129,264
Georgia Institute of Technology	2	1,528,637	0	1,528,637
U. Texas M. D. Anderson Cancer Center	3	1,363,321	0	1,363,321
Texas A&M U., College Station and Health Science Center	4	1,340,126	53,699	1,393,825
U. Wisconsin-Madison	5	1,262,276	670,953	1,933,229
U. Michigan, Ann Arbor	6	1,230,813	880,148	2,110,961
Pennsylvania State U., University Park and Hershey Medical Center	7	1,133,412	169,559	1,302,971
U. California, Berkeley	8	1,126,782	0	1,126,782
U. California, San Diego	9	1,124,642	756,647	1,881,289
U. Texas, Austin	10	1,099,290	44,627	1,143,917
Massachusetts Institute of Technology	11	1,065,554	0	1,065,554
Harvard U.	12	1,035,626	458,901	1,494,527
Arizona State U.	13	1,003,271	0	1,003,271
U. California, Los Angeles	14	959,460	936,767	1,896,227
U. Maryland <sup>b</sup>	15	952,651	586,869	1,539,520
Purdue U., West Lafayette	16	931,513	0	931,513
Cornell U.	17	917,249	696,382	1,613,631
U. Minnesota, Twin Cities	18	916,764	492,946	1,409,710
U. Illinois, Urbana-Champaign	19	905,740	1,011	906,751
Michigan State U.	20	807,037	124,811	931,848
U. Southern California	21	784,400	479,797	1,264,197
U. Washington, Seattle	22	783,301	908,001	1,691,302
Ohio State U.	23	741,810	839,760	1,581,570
U. North Carolina, Chapel Hill	24	719,735	879,016	1,598,751
U. Colorado Boulder	25	717,920	0	717,920
North Carolina State U.	26	717,004	0	717,004
U. California, Davis	27	714,760	290,997	1,005,757
U. Arizona	28	711,684	300,720	1,012,404
U. Pennsylvania	29	711,353	1,456,151	2,167,504
U. Florida	30	705,485	567,008	1,272,493
Columbia U. in the City of New York	31	663,855	785,680	1,449,535
Virginia Polytechnic Institute and State U.	32	655,918	998	656,916
Emory U.	33	653,656	592,851	1,246,507
U. Georgia	34	628,117	0	628,117
Vanderbilt U. and Vanderbilt U. Medical Center	35	614,089	713,781	1,327,870
Princeton U.	36	558,624	0	558,624
Boston U.	37	552,326	232,029	784,355
U. Nebraska, Lincoln and Medical Center	38	515,730	141,738	657,468
Carnegie Mellon U.	39	505,262	0	505,262
Scripps Research Institute	40	501,468	0	501,468
New York U.	41	493,669	1,007,063	1,500,732
Stanford U.	42	479,577	1,162,384	1,641,961
SUNY, U. Albany	43	471,605	0	471,605
U. Utah	44	468,113	321,158	789,271
Colorado State U., Fort Collins	45	466,386	0	466,386
U. Delaware	46	465,780	0	465,780
Iowa State U.	47	462,347	0	462,347
Utah State U.	48	451,379	0	451,379

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Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
California Institute of Technology	49	445,173	0	445,173
Louisiana State U., Baton Rouge	50	431,439	0	431,439
Florida State U.	51	425,519	35,214	460,733
U. California, Irvine	52	421,494	223,454	644,948
Northwestern U.	53	412,688	845,171	1,257,859
U. Missouri, Columbia	54	409,822	98,758	508,580
U. Virginia, Charlottesville	55	406,014	407,758	813,772
Auburn U., Auburn	56	393,557	0	393,557
Wichita State U.	57	392,333	0	392,333
U. Tennessee, Knoxville	58	386,949	0	386,949
U. Pittsburgh, Pittsburgh	59	378,496	1,126,169	1,504,665
Oregon State U.	60	371,904	0	371,904
Washington State U.	61	369,410	33,959	403,369
Northeastern U.	62	346,900	0	346,900
U. Notre Dame	63	345,791	0	345,791
U. Hawaii, Manoa	64	344,452	31,179	375,631
Mississippi State U.	65	342,132	0	342,132
Rutgers, State U. New Jersey, New Brunswick	66	342,012	494,788	836,800
Clemson U.	67	338,533	0	338,533
Yale U.	68	334,920	1,184,774	1,519,694
U. Illinois, Chicago	69	329,248	202,933	532,181
U. South Florida	70	322,600	199,292	521,892
U. Kansas	71	319,753	226,357	546,110
U. Oklahoma <sup>c</sup>	72	315,356	158,687	474,043
Florida International U.	73	314,149	11,636	325,785
U. Kentucky	74	311,173	216,485	527,658
SUNY, U. Buffalo	75	309,707	232,173	541,880
U. Iowa	76	309,529	393,797	703,326
U. Connecticut	77	309,033	124,512	433,545
Woods Hole Oceanographic Institution	78	308,240	0	308,240
Rockefeller U.	79	305,300	0	305,300
Duke U.	80	303,571	1,277,185	1,580,756
U. California, Santa Barbara	81	303,446	0	303,446
Indiana U., Bloomington	82	299,022	597,961	896,983
George Washington U.	83	297,103	84,479	381,582
Medical U. South Carolina	84	293,024	27,966	320,990
U. Massachusetts, Amherst	85	281,730	0	281,730
George Mason U.	86	281,697	0	281,697
Rice U.	87	277,683	0	277,683
Brown U.	88	265,419	109,085	374,504
Kansas State U.	89	264,961	0	264,961
Montana State U., Bozeman	90	257,927	0	257,927
U. Central Florida	91	257,831	27,112	284,943
Texas Tech U.	92	256,919	0	256,919
U. Chicago	93	256,877	423,876	680,753
Virginia Commonwealth U.	94	255,356	268,939	524,295
U. Louisiana, Lafayette	95	254,883	0	254,883
Oklahoma State U., Stillwater	96	253,770	0	253,770
U. Dayton	97	252,537	0	252,537

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. South Carolina, Columbia	98	249,878	27,451	277,329
U. California, San Francisco	99	247,123	1,880,514	2,127,637
U. Alaska, Fairbanks	100	246,295	0	246,295
Dartmouth C. and Dartmouth Hitchcock Medical Center	101	244,240	174,189	418,429
Georgia State U.	102	241,115	0	241,115
U. New Mexico	103	238,921	115,953	354,874
U. Houston	104	236,895	2,101	238,996
Oregon Health and Science U.	105	234,639	310,575	545,214
U. Arkansas, Fayetteville	106	230,626	0	230,626
U. New Hampshire	107	230,224	0	230,224
U. Alabama, Birmingham	108	228,566	637,302	865,868
U. Alabama, Tuscaloosa	109	221,235	0	221,235
U. California, Santa Cruz	110	218,426	0	218,426
U. California, Riverside	111	210,924	20,672	231,596
U. Rochester	112	207,323	285,049	492,372
Temple U.	113	205,656	109,343	314,999
Tufts U.	114	200,489	77,815	278,304
North Dakota State U.	115	199,885	0	199,885
U. Maine	116	198,870	0	198,870
Syracuse U.	117	198,750	0	198,750
U. Colorado Anschutz Medical Campus	118	197,148	544,495	741,643
West Virginia U.	119	194,269	64,803	259,072
SUNY, Stony Brook U.	120	189,571	129,687	319,258
U. Texas, Dallas	121	181,795	0	181,795
San Diego State U.	122	181,600	0	181,600
U. Oregon	123	174,785	0	174,785
U. Texas Health Science Center, Houston	124	171,797	247,326	419,123
New Jersey Institute of Technology	125	171,741	0	171,741
U. Texas, San Antonio	126	171,528	0	171,528
Case Western Reserve U.	127	170,621	471,925	642,546
U. Wyoming	128	167,306	0	167,306
Georgetown U.	129	166,910	209,690	376,600
U. North Dakota	130	165,796	31,632	197,428
Tulane U.	131	165,087	110,798	275,885
Texas State U.	132	165,047	0	165,047
SUNY, Binghamton U.	133	160,644	0	160,644
Brigham Young U., Provo	134	158,319	0	158,319
U. Texas, El Paso	135	157,574	0	157,574
Washington U., Saint Louis	136	157,018	1,086,097	1,243,115
U. Alabama, Huntsville	137	154,494	0	154,494
U. Nevada, Reno	138	153,967	40,164	194,131
U. Texas, Arlington	139	153,780	0	153,780
U. Maryland, Baltimore County	140	150,908	0	150,908
U. Montana, Missoula	141	143,810	0	143,810
New Mexico State U.	142	142,872	0	142,872
U. Idaho	143	140,413	0	140,413
Rensselaer Polytechnic Institute	144	140,247	0	140,247
U. Miami	145	139,186	419,827	559,013
U. Rhode Island	146	137,462	0	137,462
Baylor U.	147	134,876	0	134,876

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Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. Vermont	148	133,422	112,818	246,240
U. Cincinnati	149	132,259	607,619	739,878
Drexel U.	150	128,891	41,314	170,205
Cold Spring Harbor Laboratory	151	126,502	0	126,502
U. Texas Health Science Center, San Antonio	152	125,767	187,024	312,791
U. North Texas, Denton	153	124,219	0	124,219
U. Massachusetts, Lowell	154	120,672	0	120,672
Wayne State U.	155	116,001	175,688	291,689
U. Nevada, Las Vegas	156	113,971	4,078	118,049
Colorado School of Mines	157	109,905	0	109,905
U. Mississippi	158	109,653	80,257	189,910
U. Memphis	159	108,862	0	108,862
Brandeis U.	160	107,059	0	107,059
U. North Texas, Health Science Center	161	106,963	3,536	110,499
Michigan Technological U.	162	106,919	0	106,919
Boston C.	163	96,310	0	96,310
U. North Carolina, Charlotte	164	94,895	0	94,895
William & Mary	165	94,609	0	94,609
Northern Arizona U.	166	93,749	0	93,749
U. Southern Mississippi	167	93,692	0	93,692
Uniformed Services U. of the Health Sciences	168	91,510	477,540	569,050
U. Texas Rio Grande Valley	169	89,282	1,328	90,610
Indiana U.-Purdue U., Indianapolis	170	88,989	0	88,989
San Jose State U.	171	88,125	0	88,125
U. Louisville	172	86,903	138,066	224,969
Cleveland State U.	173	85,839	0	85,839
Van Andel Research Institute	174	83,309	0	83,309
South Dakota State U.	175	82,246	0	82,246
North Carolina A&T State U.	176	81,845	0	81,845
CUNY, Graduate Center	177	80,831	0	80,831
New Mexico Institute of Mining and Technology	178	79,857	0	79,857
Florida Atlantic U.	179	79,834	8,072	87,906
U. California, Office of the President	180	79,293	0	79,293
Rochester Institute of Technology	181	78,488	0	78,488
American U.	182	78,356	0	78,356
U. North Carolina, Greensboro	183	77,370	0	77,370
U. California, Merced	184	77,233	0	77,233
Touro U., New York	185	76,369	498	76,867
Old Dominion U.	186	76,202	0	76,202
U. Massachusetts, Boston	187	74,625	0	74,625
Naval Postgraduate School	188	73,230	0	73,230
Howard U.	189	72,924	28,891	101,815
Worcester Polytechnic Institute	190	71,552	0	71,552
Stevens Institute of Technology	191	70,736	0	70,736
Missouri U. of Science and Technology	192	69,534	0	69,534
CUNY, City C.	193	69,001	2,683	71,684
Florida A&M U.	194	68,674	0	68,674
U. Wisconsin-Milwaukee	195	66,270	0	66,270
Southern Methodist U.	196	62,553	0	62,553
Lehigh U.	197	62,406	0	62,406

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Kent State U.	198	61,437	0	61,437
Boise State U.	199	57,749	0	57,749
Catholic U. of America	200	57,705	0	57,705
U. Denver	201	55,630	0	55,630
Morgan State U.	202	55,506	0	55,506
Western Michigan U. and Homer Stryker M.D. School of Medicine	203	54,908	7,155	62,063
East Carolina U.	204	54,714	17,825	72,539
Air Force Institute of Technology	205	54,204	0	54,204
U. Maryland Center for Environmental Science	206	54,036	0	54,036
U.S. Air Force Academy	207	53,158	0	53,158
Ohio U.	208	52,553	14,877	67,430
Rowan U.	209	52,339	11,645	63,984
Texas A&M U.-Corpus Christi	210	52,175	0	52,175
Portland State U.	211	51,677	0	51,677
Kennesaw State U.	212	51,575	0	51,575
Marquette U.	213	49,099	0	49,099
U. Missouri, Kansas City	214	48,716	8,314	57,030
Baylor C. of Medicine	215	48,500	832,726	881,226
Chapman U.	216	48,308	0	48,308
Saint Louis U.	217	47,445	48,387	95,832
U. South Alabama	218	47,001	23,083	70,084
Georgia Southern U.	219	46,093	0	46,093
CUNY, Hunter C.	220	45,223	0	45,223
Montclair State U.	221	43,798	0	43,798
Delaware State U.	222	43,724	0	43,724
U. West Florida	223	43,503	0	43,503
Southern Illinois U., Carbondale	224	43,184	18,276	61,460
U. Massachusetts, Dartmouth	225	42,352	0	42,352
San Francisco State U.	226	42,000	0	42,000
U. Toledo	227	41,669	31,531	73,200
Mercer U.	228	39,677	6,827	46,504
U. Puerto Rico, Medical Sciences Campus	229	39,526	21,927	61,453
SUNY, C. of Environmental Science and Forestry	230	38,661	0	38,661
California Polytechnic State U., San Luis Obispo	231	38,133	0	38,133
Illinois Institute of Technology	232	37,990	0	37,990
Oakland U.	233	37,041	1,467	38,508
U. Texas Southwestern Medical Center	234	36,562	832,735	869,297
Tennessee Technological U.	235	36,399	0	36,399
U. Nebraska, Omaha	236	35,134	0	35,134
East Tennessee State U.	237	35,058	7,468	42,526
Tennessee State U.	238	35,017	0	35,017
Embry-Riddle Aeronautical U.	239	35,014	0	35,014
Northern Illinois U.	240	34,467	0	34,467
Illinois State U.	241	34,238	0	34,238
Teachers C., Columbia U.	242	34,096	0	34,096
California State U., Sacramento	243	33,952	0	33,952
California State U., Long Beach	244	33,897	0	33,897
California State U., Fullerton	245	33,709	0	33,709
U. Puerto Rico, Rio Piedras	246	33,659	0	33,659
Villanova U.	247	33,090	0	33,090

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U. Tulsa	248	32,802	0	32,802
Desert Research Institute	249	32,250	0	32,250
CUNY, Queens C.	250	31,845	0	31,845
Texas A&M U.-Kingsville	251	31,751	0	31,751
Prairie View A&M U.	252	31,632	0	31,632
Louisiana Tech U.	253	31,247	0	31,247
U. Minnesota, Duluth	254	29,901	0	29,901
Tuskegee U.	255	29,720	0	29,720
Nova Southeastern U.	256	29,163	31,466	60,629
CUNY, Graduate School of Public Health and Health Policy	257	28,637	0	28,637
Miami U.	258	28,566	0	28,566
Fordham U.	259	28,249	0	28,249
Texas Christian U.	260	27,620	39	27,659
California State U., Northridge	261	27,009	0	27,009
Augusta U.	262	26,975	139,244	166,219
Wake Forest U.	263	26,934	317,583	344,517
California State Polytechnic U., Humboldt	264	26,607	0	26,607
U. Puerto Rico, Mayaguez	265	26,455	0	26,455
U. Texas Health Science Center, Tyler	266	26,240	0	26,240
Rutgers, State U. New Jersey, Newark	267	26,222	0	26,222
Clarkson U.	268	26,150	0	26,150
U. Guam	269	25,306	0	25,306
Tarleton State U.	270	24,875	0	24,875
Jackson State U.	271	24,744	0	24,744
U. Alaska, Anchorage	272	24,649	0	24,649
U. Akron	273	24,568	0	24,568
U. Colorado Denver	274	24,313	0	24,313
South Dakota School of Mines and Technology	275	23,941	0	23,941
New School	276	23,902	0	23,902
Florida Gulf Coast U.	277	23,841	0	23,841
Thomas Jefferson U.	278	23,561	247,637	271,198
Western Washington U.	279	23,275	0	23,275
Marshall U.	280	23,121	16,057	39,178
U. North Carolina, Wilmington	281	22,672	0	22,672
Montana Technological U.	282	22,588	0	22,588
CUNY, Advanced Science Research Center	283	22,464	0	22,464
U.S. Military Academy	284	22,292	0	22,292
James Madison U.	285	21,394	0	21,394
CUNY, John Jay C. of Criminal Justice	286	21,156	0	21,156
Bowling Green State U.	287	19,615	0	19,615
U. North Florida	288	19,318	0	19,318
U. New Orleans	289	19,311	0	19,311
Towson U.	290	19,215	0	19,215
Texas Southern U.	291	19,045	0	19,045
Long Island U.	292	18,759	0	18,759
U. South Dakota	293	18,315	9,593	27,908
Florida Institute of Technology	294	17,842	0	17,842
Southern Illinois U., Edwardsville	295	17,673	0	17,673
Texas Tech U., Health Sciences Center	296	17,620	35,366	52,986
Idaho State U.	297	17,494	0	17,494

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Alabama A&M U.	298	16,248	0	16,248
North Carolina Central U.	299	16,212	0	16,212
Missouri State U.	300	16,103	0	16,103
Xavier U. Louisiana	301	15,955	0	15,955
Sam Houston State U.	302	15,696	1,020	16,716
Loyola Marymount U.	303	15,570	0	15,570
Duquesne U.	304	15,547	2,801	18,348
U. Texas Medical Branch	305	15,350	225,722	241,072
CUNY, Brooklyn C.	306	15,244	0	15,244
Alcorn State U.	307	14,844	0	14,844
U. of the Virgin Islands	308	14,762	0	14,762
U. Missouri, Saint Louis	309	14,698	0	14,698
Loyola U., Chicago	310	14,620	46,834	61,454
U. Hawaii, system office	311	14,542	0	14,542
Salisbury U.	312	14,422	0	14,422
California State U., Fresno	313	14,410	0	14,410
California State U., East Bay	314	14,307	0	14,307
California State Polytechnic U., Pomona	315	13,685	0	13,685
Kentucky State U.	316	13,534	0	13,534
Clark Atlanta U.	317	13,424	0	13,424
U. Maryland, Eastern Shore	318	13,422	0	13,422
Langston U.	319	13,340	0	13,340
Virginia State U.	320	13,271	0	13,271
Ball State U.	321	13,095	0	13,095
California State U., San Marcos	322	12,788	0	12,788
Clark U.	323	12,707	0	12,707
Winston-Salem State U.	324	12,650	0	12,650
U. San Diego	325	12,649	0	12,649
Central Michigan U.	326	12,597	14,832	27,429
South Carolina State U.	327	12,496	0	12,496
U. Michigan, Dearborn	328	12,460	0	12,460
U. Tennessee, Chattanooga	329	12,104	0	12,104
Wright State U.	330	12,064	10,583	22,647
Fort Valley State U.	331	11,727	0	11,727
California State U., Monterey Bay	332	11,717	0	11,717
West Texas A&M U.	333	11,616	0	11,616
Central State U.	334	11,459	0	11,459
California State U., San Bernardino	335	11,339	0	11,339
Appalachian State U.	336	11,293	0	11,293
Western Kentucky U.	337	11,213	0	11,213
Eastern Michigan U.	338	11,202	0	11,202
U. San Francisco	339	10,962	0	10,962
Arkansas State U., Jonesboro	340	10,950	0	10,950
California State U., Los Angeles	341	10,889	0	10,889
Pepperdine U.	342	10,870	0	10,870
Wesleyan U.	343	10,819	0	10,819
Hampton U.	344	10,660	0	10,660
U.S. Naval Academy	345	10,592	0	10,592
DePaul U.	346	10,522	0	10,522
U. Arkansas, Little Rock	347	10,461	0	10,461

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Saint Joseph's U.	348	10,451	0	10,451
Yeshiva U.	349	10,290	0	10,290
Creighton U.	350	10,244	i 19,090	i 29,334
MGH Institute of Health Professions	351	10,029	0	10,029
Charles R. Drew U. of Medicine and Science	352	9,943	13,721	23,664
Rutgers, State U. New Jersey, Camden	353	9,849	0	9,849
Hofstra U.	354	9,743	682	10,425
Purdue U., Northwest	355	9,549	0	9,549
Gallaudet U.	356	9,524	0	9,524
Kean U.	357	9,479	0	9,479
Seton Hall U.	358	9,477	0	9,477
U. of the District of Columbia	359	9,386	0	9,386
Lincoln U., Jefferson City	360	9,261	i 0	i 9,261
Texas Woman's U.	361	8,998	0	8,998
Southern U. and A&M C., Agricultural Research and Extension Center	362	8,969	0	8,969
SUNY, Upstate Medical U.	363	8,950	50,532	59,482
California State U., Chico	364	8,918	0	8,918
Western U. of Health Sciences	365	8,790	2,400	11,190
Middle Tennessee State U.	366	8,736	0	8,736
Amherst C.	367	8,666	0	8,666
C. Charleston	368	8,662	0	8,662
U. Hawaii, Hilo	369	8,501	0	8,501
U. Northern Colorado	370	8,476	0	8,476
California State U., Bakersfield	371	8,457	0	8,457
Lawrence Technological U.	372	8,435	0	8,435
Pacific U.	373	8,383	0	8,383
Texas A&M International U.	374	8,378	0	8,378
U. Wisconsin-Superior	375	8,355	0	8,355
Lamar U.	376	8,324	0	8,324
SUNY, Downstate Health Sciences U.	377	8,276	29,046	37,322
Santa Clara U.	378	8,011	0	8,011
U. Arkansas, Pine Bluff	379	7,975	0	7,975
U. Washington, Tacoma	380	7,973	0	7,973
Abilene Christian U.	381	7,868	0	7,868
Benedict C.	382	7,788	0	7,788
Claremont McKenna C.	383	7,777	0	7,777
Southern Connecticut State U.	384	7,620	0	7,620
U. Colorado Colorado Springs	385	7,528	0	7,528
Smith C.	386	7,375	0	7,375
Norfolk State U.	387	7,309	0	7,309
Louisiana State U., Health Sciences Center, New Orleans	388	7,167	72,513	79,680
Texas A&M U.-San Antonio	389	7,149	0	7,149
Grinnell C.	390	7,131	0	7,131
Williams C.	391	7,074	i 0	i 7,074
Pennsylvania State U., Behrend	392	7,054	0	7,054
Grand Valley State U.	393	7,041	i 0	i 7,041
Wellesley C.	394	6,989	0	6,989
Northwest Indian C.	395	6,988	i 0	i 6,988
Dine C.	396	6,960	0	6,960
West Chester U. Pennsylvania	397	6,870	0	6,870

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U.S. Army War C.	398	6,819 i	0 i	6,819 i
Texas A&M U.-Commerce	399	6,811	0	6,811
Midwestern U.	400	6,579	7,053	13,632
Indiana U. Pennsylvania	401	6,568	0	6,568
Sul Ross State U.	402	6,546	0	6,546
U. Southern Maine	403	6,545	0	6,545
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	404	6,480	0	6,480
Barnard C.	405	6,361	0	6,361
Oregon Institute of Technology	406	6,311 i	0 i	6,311 i
Bryn Mawr C.	407	6,302	0	6,302
CUNY, Lehman C.	408	6,259	0	6,259
Roseman U. of Health Sciences	409	6,198	0	6,198
Bucknell U.	410	6,193	0	6,193
Swarthmore C.	411	6,067	0	6,067
West Virginia State U.	412	6,059	0	6,059
U. of St. Thomas (MN)	413	5,994	0	5,994
CUNY, Baruch C.	414	5,977	0	5,977
Providence C.	415	5,924	0	5,924
Alfred U.	416	5,915	0	5,915
Morehouse C.	417	5,903	0	5,903
Marian U., Indianapolis	418	5,895	1,629	7,524
Naval War C.	419	5,868	0	5,868
Fairfield U.	420	5,839	0	5,839
Trinity U.	421	5,838	0	5,838
U. Baltimore	422	5,797	0	5,797
California State U., Dominguez Hills	423	5,762	0	5,762
Occidental C.	424	5,753	0	5,753
CUNY, C. Staten Island	425	5,737	0	5,737
Pennsylvania State U., Harrisburg	426	5,735	0	5,735
Loma Linda U.	427	5,724	18,174	23,898
Sacred Heart U.	428	5,698	0	5,698
U. North Carolina, Asheville	429	5,677	0	5,677
Dakota State U.	430	5,652	0	5,652
U. New Haven	431	5,640	0	5,640
Meharry Medical C.	432	5,622 i	18,069 i	23,691 i
High Tech High Graduate School of Ed.	433	5,585	0	5,585
Hope C.	434	5,584	0	5,584
Southeastern Louisiana U.	435	5,577	0	5,577
Pomona C.	436	5,522	0	5,522
Southern U. and A&M C., Baton Rouge	437	5,483	0	5,483
U. Washington, Bothell	438	5,320	0	5,320
Reed C.	439	5,154	0	5,154
Rhode Island School of Design	440	5,130	0	5,130
Coastal Carolina U.	441	5,094	0	5,094
Trinity C., Hartford	442	5,074	0	5,074
Austin Peay State U.	443	5,070	0	5,070
National U.	444	5,022	0	5,022
Carleton C.	445	4,993	0	4,993
Toyota Technological Institute, Chicago	446	4,982	0	4,982

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Citadel Military C. South Carolina	447	4,969	0	4,969
Philadelphia C. of Osteopathic Medicine	448	4,949	2,662	7,611
St. John's U., New York	449	4,947	0	4,947
Sonoma State U.	450	4,928	0	4,928
Suffolk U.	451	4,890	0	4,890
Franklin and Marshall C.	452	4,815	0	4,815
Claremont Graduate U.	453	4,808	0	4,808
Colgate U.	454	4,730	0	4,730
Seattle U.	455	4,699	0	4,699
U. Wisconsin-Stevens Point	456	4,691	0	4,691
Bentley U.	457	4,639	0	4,639
Fort Lewis C.	458	4,582	0	4,582
U. Detroit Mercy	459	4,550	0	4,550
Spelman C.	460	4,537	0	4,537
Davidson C.	461	4,525	0	4,525
Colby C.	462	4,513	0	4,513
Stephen F. Austin State U.	463	4,502	0	4,502
U. Central Oklahoma	464	4,495	0	4,495
St. Cloud State U.	465	4,416	0	4,416
Rush U.	466	4,412	134,883	139,295
U. Northern Iowa	467	4,409	0	4,409
Monmouth U.	468	4,340	0	4,340
Morehouse School of Medicine	469	4,327	64,419	68,746
St. John Fisher U.	470	4,190	0	4,190
Albany State U.	471	4,163	0	4,163
Western Illinois U.	472	4,142	0	4,142
Haverford C.	473	4,103	0	4,103
New Mexico Highlands U.	474	4,074	0	4,074
National Louis U.	475	3,993	0	3,993
Keck Graduate Institute	476	3,972	0	3,972
Fayetteville State U.	477	3,942	0	3,942
East Stroudsburg U. Pennsylvania	478	3,916	0	3,916
Alabama State U.	479	3,901	0	3,901
Harvey Mudd C.	480	3,900	0	3,900
Whitman C.	481	3,891	0	3,891
Lake Superior State U.	482	3,876	0	3,876
California State U., Channel Islands	483	3,860	0	3,860
U. Nebraska, Kearney	484	3,796	0	3,796
Purdue U., Fort Wayne	485	3,791	0	3,791
Hawaii Pacific U.	486	3,784	0	3,784
SUNY, C. of Optometry	487	3,776	0	3,776
Vassar C.	488	3,775	0	3,775
Christopher Newport U.	489	3,764	0	3,764
U. New England	490	3,745	4,348	8,093
Bowie State U.	491	3,731	0	3,731
U. Wisconsin-Eau Claire	492	3,730	0	3,730
Roger Williams U.	493	3,679	0	3,679
Hamilton C.	494	3,664	0	3,664
U. Texas, Tyler	495	3,632	0	3,632
Murray State U.	496	3,630	0	3,630

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
New England C. of Optometry	497	3,602	0	3,602
Middlebury C.	498	3,576	0	3,576
Saginaw Valley State U.	499	3,552	0	3,552
Winthrop U.	500	3,466	0	3,466
Tougaloo C.	501	3,462	0	3,462
National Defense U.	502	3,459	0	3,459
U. Wisconsin-Oshkosh	503	3,443	0	3,443
Fisk U.	504	3,425	0	3,425
Bowdoin C.	505	3,406	0	3,406
Azusa Pacific U.	506	3,401	0	3,401
Pace U.	507	3,348	0	3,348
Troy U.	508	3,318	0	3,318
Dillard U.	509	3,317	0	3,317
Texas Tech U., Health Sciences Center, El Paso	510	3,278	12,325	15,603
Northern Kentucky U.	511	3,271	0	3,271
Des Moines U.	512	3,252	637	3,889
SUNY, Oswego	513	3,242	0	3,242
Minnesota State U., Mankato	514	3,235	0	3,235
Furman U.	515	3,231	0	3,231
U. Central Arkansas	516	3,142	0	3,142
Milwaukee School of Engineering	517	3,090	0	3,090
U. Houston-Clear Lake	518	3,080	0	3,080
U. Tennessee, Health Science Center	519	3,074	121,697	124,771
U. Wisconsin-La Crosse	520	3,068	0	3,068
U. Houston-Downtown	521	3,049	0	3,049
CUNY, New York City C. of Technology	522	3,033	0	3,033
Elon U.	523	2,997	0	2,997
U. of the Incarnate Word	524	2,995	585	3,580
U. of Health Sciences and Pharmacy in St. Louis	525	2,976	0	2,976
U. Richmond	526	2,961	0	2,961
Eastern Washington U.	527	2,957	0	2,957
U. Louisiana, Monroe	528	2,940	0	2,940
Lewis and Clark C.	529	2,924	0	2,924
C. New Jersey	530	2,857	0	2,857
Merrimack C.	531	2,852	0	2,852
U. Wisconsin-River Falls	532	2,847	0	2,847
Northeastern Illinois U.	533	2,844	0	2,844
U. South Carolina Upstate	534	2,764	0	2,764
Skidmore C.	535	2,759	0	2,759
Central Washington U.	536	2,757	0	2,757
Marymount U.	537	2,749	0	2,749
CUNY, system office	538	2,723	0	2,723
Chicago State U.	539	2,701	0	2,701
Youngstown State U.	540	2,691	0	2,691
La Sierra U.	541	2,688	0	2,688
Lafayette C.	542	2,684	0	2,684
U. Texas of the Permian Basin	543	2,682	0	2,682
Black Hills State U.	544	2,646	0	2,646
U. Wisconsin-Green Bay	545	2,637	0	2,637
Northeast Ohio Medical U.	546	2,618	10,431	13,049

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Rosalind Franklin U. of Medicine and Science	547	2,583	9,186	11,769
Pittsburg State U.	548	2,577	0	2,577
U. Illinois, Springfield	549	2,552	0	2,552
Virginia Military Institute	550	2,506	0	2,506
Calvin U.	551	2,490	0	2,490
New York Institute of Technology	552	2,473	4,086	6,559
SUNY, Buffalo State U.	553	2,453	0	2,453
California State U., Stanislaus	554	2,440	0	2,440
Seattle Pacific U.	555	2,414	0	2,414
U. Alaska, Southeast	556	2,398	0	2,398
Florida Polytechnic U.	557	2,391	0	2,391
John Carroll U.	558	2,378	0	2,378
Savannah State U.	559	2,376	0	2,376
Mount Holyoke C.	560	2,372	0	2,372
U. of the Pacific	561	2,362	0	2,362
Western Carolina U.	562	2,333	0	2,333
Morehead State U.	563	2,295	0	2,295
Union C., Schenectady	564	2,263	0	2,263
Utah Valley U.	565	2,254	0	2,254
Stockton U.	566	2,253	0	2,253
Manhattan C.	567	2,184	0	2,184
Colorado C.	568	2,178	0	2,178
U. Puerto Rico, Cayey	569	2,173	0	2,173
Alaska Pacific U.	570	2,168	0	2,168
Bates C.	571	2,066	0	2,066
Ferris State U.	572	2,046	0	2,046
U. Michigan, Flint	573	2,023	0	2,023
Lipscomb U.	574	2,011	0	2,011
Nevada State U.	575	1,989	0	1,989
Hobart and William Smith Colleges	576	1,984	0	1,984
Macalester C.	577	1,948	0	1,948
U. Hartford	578	1,944	0	1,944
SUNY, C. Brockport	579	1,932	0	1,932
U. Puerto Rico, Humacao	579	1,932	0	1,932
Northern Michigan U.	581	1,931	0	1,931
Oberlin C.	582	1,926	0	1,926
Southern Utah U.	583	1,897	0	1,897
Erikson Institute	584	1,889	0	1,889
Heidelberg U.	585	1,876	0	1,876
Norwich U.	586	1,875	0	1,875
Colorado State U., Pueblo	587	1,835	0	1,835
SUNY, Geneseo	588	1,820	0	1,820
Franklin W. Olin C. of Engineering	589	1,819	0	1,819
Clafin U.	590	1,816	0	1,816
U. North Georgia	591	1,805	0	1,805
United Tribes Technical C.	592	1,800	0	1,800
Babson C.	593	1,783	0	1,783
Biola U.	594	1,761	0	1,761
Andrews U.	595	1,751	0	1,751
Dickinson C.	596	1,743	0	1,743

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Pratt Institute	597	1,709 i	0 i	1,709 i
Arcadia U.	598	1,692	0	1,692
U. Ana G. Mendez, Gurabo	599	1,660	0	1,660
Saint John's U.	600	1,623 i	0 i	1,623 i
U. South Carolina, Aiken	601	1,609	0	1,609
Hartford International U. for Religion and Peace	602	1,599 i	0 i	1,599 i
Pennsylvania State U., Altoona	603	1,572	0	1,572
St. Edward's U.	604	1,570	0	1,570
Eckerd C.	605	1,558	0	1,558
C. of Saint Benedict	606	1,536 i	0 i	1,536 i
U. Hawaii, Maui C.	607	1,518	0	1,518
CUNY, York C.	608	1,515	0	1,515
St. Olaf C.	609	1,500	0	1,500
Drake U.	610	1,485	0	1,485
Willamette U.	611	1,470	0	1,470
Kenyon C.	612	1,466	0	1,466
National U. of Natural Medicine	612	1,466 i	0 i	1,466 i
SUNY, C. Plattsburgh	614	1,465	0	1,465
U. Virginia's C. Wise	615	1,464	0	1,464
New C. Florida	616	1,459	0	1,459
Wheaton C., Wheaton	617	1,445	0	1,445
Eastern Kentucky U.	618	1,435	0	1,435
U. Scranton	618	1,435	0	1,435
Eastern Connecticut State U.	620	1,420	0	1,420
Roosevelt U.	621	1,418	0	1,418
Robert Morris U.	622	1,412	0	1,412
U. North Carolina, general administration	623	1,403	0	1,403
Loyola U., Maryland	624	1,362	0	1,362
U. of Mary Washington	625	1,333	0	1,333
Butler U.	626	1,313	0	1,313
C. Wooster	627	1,296	0	1,296
Radford U.	628	1,291	0	1,291
Midwestern State U.	629	1,261	0	1,261
U. Puget Sound	630	1,248	0	1,248
SUNY, Polytechnic Institute	631	1,234	0	1,234
Weber State U.	632	1,217	0	1,217
California Lutheran U.	633	1,201	0	1,201
Western New England U.	633	1,201 i	0 i	1,201 i
Liberty U.	635	1,179	418	1,597
U. South Carolina, Beaufort	636	1,177	0	1,177
Illinois C. of Optometry	637	1,158	0	1,158
Juniata C.	638	1,155	0	1,155
Gettysburg C.	639	1,154	0	1,154
SUNY, Cobleskill	640	1,149	0	1,149
Indiana State U.	641	1,138	0	1,138
Nicholls State U.	642	1,120	0	1,120
Albany C. of Pharmacy and Health Sciences	643	1,113	0	1,113
Denison U.	644	1,110 i	0 i	1,110 i
Connecticut C.	645	1,096	0	1,096
Elizabeth City State U.	646	1,078	0	1,078

**Table 19. Higher education R&D expenditures at all institutions in the standard form survey population, ranked by all non-medical school R&D expenditures: FY 2024**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Indiana U., South Bend	647	1,071	0	1,071
Aaniiih Nakoda C.	648	1,045	0	1,045
Southern Oregon U.	649	1,023	0	1,023
Ursinus C.	650	1,015	0	1,015
St. Bonaventure U.	651	1,003	0	1,003
High Point U.	652	1,000 i	0 i	1,000 i
Johnson C. Smith U.	653	936	0	936
Plymouth State U.	654	934	0	934
U. Minnesota, Rochester	655	921	0	921
Valparaiso U.	656	918	0	918
U. North Texas, Dallas	657	911	0	911
Keene State C.	658	844	0	844
St. Catherine U.	659	824	0	824
Northwestern State U. Louisiana	660	798	0	798
Polytechnic U. Puerto Rico	661	796	0	796
Auburn U., Montgomery	662	779	0	779
Palmer C. of Chiropractic, Davenport	663	750	0	750
Berry C.	664	670	0	670
Bryant U.	665	459	0	459
New York Medical C.	666	413	21,439	21,852
Carthage C.	667	188	0	188
Lincoln Memorial U.	668	143	1,613	1,756
Touro U., California	669	76	2,280	2,356
Medical C. Wisconsin	670	16	360,293	360,309
Albany Medical C.	-	0	23,054	23,054
Albert Einstein C. of Medicine	-	0	360,789	360,789
Eastern Virginia Medical School	-	0	27,891	27,891
Edward Via C. of Osteopathic Medicine	-	0	8,132	8,132
Icahn School of Medicine at Mount Sinai	-	0	1,015,600	1,015,600
Louisiana State U., Health Sciences Center, Shreveport	-	0	31,887	31,887
Oklahoma State U., Center for Health Sciences	-	0	16,054	16,054
U. Arkansas for Medical Sciences	-	0 i	226,842 i	226,842 i
U. Central del Caribe	-	0	3,780	3,780
U. Massachusetts, Medical School	-	0	349,616	349,616
West Virginia School of Osteopathic Medicine	-	0 i	1,491 i	1,491

i = imputed.

<sup>a</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$2,549,821 thousand in total R&D expenditures in FY 2024.<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> The University of Oklahoma includes expenditures from the University of Oklahoma, Tulsa and University of Oklahoma, Norman and Health Science Center campuses. Due to a reorganization, the campuses began reporting as one unit in FY 2024.**Note(s):**

Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&amp;D expenditures, see table 5.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2024.