

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
All institutions	-	55,491,613	30,804,565	86,296,178
Johns Hopkins U. <sup>a</sup>	1	2,353,684	756,810	3,110,494
Texas A&M U., College Station and Health Science Center	2	1,078,604	52,199	1,130,803
U. Texas M. D. Anderson Cancer Center	3	1,051,297	0	1,051,297
Georgia Institute of Technology	4	1,048,988	0	1,048,988
U. Michigan, Ann Arbor	5	995,653	678,209	1,673,862
Massachusetts Institute of Technology	6	987,968	0	987,968
Harvard U.	7	945,457	294,526	1,239,983
Pennsylvania State U., University Park and Hershey Medical Center	8	892,409	99,514	991,923
U. Wisconsin-Madison	9	892,315	471,616	1,363,931
U. California, Berkeley	10	840,000	0	840,000
U. California, San Diego	11	836,669	567,066	1,403,735
U. Texas, Austin	12	762,144	35,055	797,199
U. Washington, Seattle	13	753,515	703,387	1,456,902
U. Minnesota, Twin Cities	14	716,541	325,841	1,042,382
Cornell U.	15	706,175	483,888	1,190,063
U. Illinois, Urbana-Champaign	16	688,797	379	689,176
Purdue U., West Lafayette	17	687,144	0	687,144
Arizona State U.	18	673,357	0	673,357
U. Maryland <sup>b</sup>	19	642,370	460,692	1,103,062
Michigan State U.	20	623,733	89,464	713,197
U. California, Davis	21	597,856	218,837	816,693
U. Arizona	22	561,417	199,558	760,975
Virginia Polytechnic Institute and State U.	23	556,341	0	556,341
North Carolina State U.	24	546,290	0	546,290
U. Pennsylvania	25	531,344	1,048,020	1,579,364
Ohio State U.	26	530,446	437,814	968,260
U. Florida	27	528,556	413,667	942,223
U. Colorado Boulder	28	525,674	0	525,674
U. California, Los Angeles	29	515,162	877,779	1,392,941
Columbia U. in the City of New York	30	503,786	529,123	1,032,909
U. North Carolina, Chapel Hill	31	499,144	660,581	1,159,725
U. Georgia	32	482,786	0	482,786
California Institute of Technology	33	449,651	0	449,651
Scripps Research Institute	34	444,964	0	444,964
Boston U.	35	407,436	175,831	583,267
Colorado State U., Fort Collins	36	407,302	0	407,302
Stanford U.	37	399,454	804,496	1,203,950
Princeton U.	38	396,502	0	396,502
U. Utah	39	389,657	217,404	607,061
U. Southern California	40	387,749	553,449	941,198
Carnegie Mellon U.	41	386,996	0	386,996
Rutgers, State U. New Jersey, New Brunswick	42	373,173	314,904	688,077
New York U.	43	369,469	577,824	947,293
Iowa State U.	44	363,107	0	363,107
Vanderbilt U. and Vanderbilt U. Medical Center	45	363,102	461,701	824,803
Rockefeller U.	46	356,217	0	356,217

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
SUNY, Polytechnic Institute	47	355,651	0	355,651
U. California, Irvine	48	328,096	162,501	490,597
Washington State U.	49	325,293	9,908	335,201
U. Virginia, Charlottesville	50	324,581	327,421	652,002
U. Nebraska, Lincoln	51	320,463	0	320,463
U. Tennessee, Knoxville <sup>c</sup>	52	320,407	0	320,407
Emory U.	53	319,720	489,072	808,792
Florida State U.	54	318,206	32,224	350,430
Utah State U.	55	304,256	0	304,256
U. Pittsburgh, Pittsburgh	56	288,930	816,602	1,105,532
Louisiana State U., Baton Rouge	57	286,733	0	286,733
U. Missouri, Columbia	58	281,007	51,173	332,180
Mississippi State U.	59	280,485	0	280,485
Oregon State U.	60	268,385	0	268,385
Auburn U., Auburn	61	255,281	0	255,281
U. California, Santa Barbara	62	254,434	0	254,434
U. Kentucky	63	253,142	164,532	417,674
U. Hawaii, Manoa	64	246,551	29,378	275,929
Duke U.	65	245,390	951,248	1,196,638
Indiana U., Bloomington	66	244,804	483,750	728,554
U. Central Florida	67	234,675	4,668	239,343
U. Oklahoma, Norman and Health Science Center	68	233,399	128,810	362,209
U. Iowa	69	232,632	305,951	538,583
Clemson U.	70	228,597	0	228,597
Woods Hole Oceanographic Institution	71	227,573	0	227,573
U. Notre Dame	72	227,535	0	227,535
U. Kansas	73	224,881	143,930	368,811
Florida International U.	74	223,602	13,240	236,842
U. Illinois, Chicago	75	223,230	188,917	412,147
U. California, San Francisco	76	221,439	1,429,634	1,651,073
George Mason U.	77	221,006	0	221,006
U. Delaware	78	220,445	0	220,445
U. Massachusetts, Amherst	79	219,389	0	219,389
SUNY, U. Buffalo	80	215,952	206,086	422,038
Kansas State U.	81	213,900	0	213,900
George Washington U.	82	206,955	63,414	270,369
Northwestern U.	83	205,330	669,341	874,671
U. South Florida, Tampa	84	203,482	129,862	333,344
Georgia State U.	85	202,451	0	202,451
U. South Carolina, Columbia	86	201,281	18,183	219,464
U. Houston	87	200,205	223	200,428
Northeastern U.	88	200,068	0	200,068
Texas Tech U.	89	199,643	0	199,643
Rice U.	90	198,681	0	198,681
Yale U.	91	196,730	897,405	1,094,135
Temple U.	92	196,479	103,228	299,707
Oregon Health and Science U.	93	189,788	257,102	446,890
U. Connecticut	94	189,016	91,115	280,131

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Oklahoma State U., Stillwater	95	187,060	0	187,060
U. Colorado Denver and Anschutz Medical Campus	96	186,024	368,619	554,643
U. Alabama, Birmingham	97	184,778	433,448	618,226
U. California, Riverside	98	172,270	12,624	184,894
Dartmouth C. and Dartmouth Hitchcock Medical Center	99	168,411	157,938	326,349
Tufts U.	100	168,214	48,027	216,241
Montana State U., Bozeman	101	166,285	0	166,285
U. Arkansas, Fayetteville	102	165,887	0	165,887
U. Louisiana, Lafayette	103	164,070	0	164,070
U. Dayton	104	163,718	0	163,718
West Virginia U.	105	161,641	26,811	188,452
U. New Hampshire	106	156,901	0	156,901
New Jersey Institute of Technology	107	155,715	0	155,715
North Dakota State U.	108	155,645	0	155,645
U. Chicago	109	155,330	303,561	458,891
Wichita State U.	110	153,816	0	153,816
Washington U., Saint Louis	111	152,404	767,811	920,215
U. Alaska, Fairbanks	112	152,299	0	152,299
U. California, Santa Cruz	113	150,400	0	150,400
U. Rochester	114	150,219	246,992	397,211
Syracuse U.	115	149,652	0	149,652
U. New Mexico	116	144,362	99,013	243,375
SUNY, Stony Brook U.	117	143,701	119,769	263,470
U. Texas, San Antonio	118	138,586	0	138,586
SUNY, U. Albany	119	138,088	0	138,088
Brown U.	120	136,108	130,019	266,127
U. Texas, Arlington	121	133,793	0	133,793
U. Texas, Dallas	122	132,192	0	132,192
U. Maine	123	132,184	0	132,184
U. Alabama, Huntsville	124	131,648	0	131,648
Tulane U.	125	130,069	74,361	204,430
Virginia Commonwealth U.	126	129,456	154,418	283,874
U. Nevada, Reno	127	128,712	31,078	159,790
SUNY, Binghamton U.	128	117,870	0	117,870
Cold Spring Harbor Laboratory	129	115,198	0	115,198
U. Oregon	130	114,259	0	114,259
U. Idaho	131	112,810	0	112,810
U. Texas Health Science Center, Houston	132	111,073	162,789	273,862
Georgetown U.	133	110,372	148,287	258,659
U. Montana, Missoula	134	110,218	0	110,218
U. Rhode Island	135	109,967	0	109,967
U. Texas, El Paso	136	108,628	0	108,628
Rensselaer Polytechnic Institute	137	107,623	0	107,623
New Mexico State U.	138	107,275	0	107,275
U. Cincinnati	139	101,404	428,734	530,138
San Diego State U.	140	97,710	0	97,710
U. Nevada, Las Vegas	141	96,826	9,046	105,872
Uniformed Services U. of the Health Sciences	142	96,529	227,981	324,510

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Drexel U.	143	96,094	47,029	143,123
U. Alabama, Tuscaloosa	144	95,200	0	95,200
U. Wyoming	145	93,061	0	93,061
U. Massachusetts, Lowell	146	92,216	0	92,216
U. Miami	147	91,700	289,710	381,410
U. Vermont	148	85,358	105,789	191,147
U. North Dakota	149	85,026	26,637	111,663
U. North Texas, Denton	150	84,239	0	84,239
U. Maryland, Baltimore County	151	83,867	0	83,867
Case Western Reserve U.	152	83,435	356,343	439,778
Wayne State U.	153	80,022	163,237	243,259
U. Mississippi	154	79,403	43,557	122,960
Colorado School of Mines	155	78,517	0	78,517
Cleveland State U.	156	78,189	0	78,189
Michigan Technological U.	157	77,927	0	77,927
U. Nebraska, Medical Center	158	76,908	125,498	202,406
U. Southern Mississippi	159	72,322	0	72,322
U. Texas Southwestern Medical Center	160	72,225	523,714	595,939
American U.	161	71,839	0	71,839
Indiana U.-Purdue U., Indianapolis	162	71,387	0	71,387
Texas State U.	163	70,714	0	70,714
U. Memphis	164	69,463	0	69,463
William & Mary	165	66,763	0	66,763
Old Dominion U.	166	65,704	0	65,704
Northern Arizona U.	167	64,456	0	64,456
U. Massachusetts, Boston	168	64,219	0	64,219
Brandeis U.	169	63,201	0	63,201
Boston C.	170	63,063	0	63,063
Naval Postgraduate School	171	62,903	0	62,903
U. Louisville	172	61,440	137,378	198,818
U. Wisconsin-Milwaukee	173	61,069	0	61,069
South Dakota State U.	174	60,939	0	60,939
U. California, Office of the President	175	60,686	0	60,686
Van Andel Research Institute	176	58,982	0	58,982
Rochester Institute of Technology	177	57,777	0	57,777
U. Maryland Center for Environmental Science	178	54,560	0	54,560
Kent State U.	179	50,307	0	50,307
U. North Carolina, Charlotte	180	50,050	0	50,050
Medical U. South Carolina	181	47,915	224,675	272,590
San Jose State U.	182	47,301	0	47,301
Missouri U. of Science and Technology	183	47,001	0	47,001
Florida Atlantic U.	184	46,033	7,812	53,845
U. California, Merced	185	45,966	0	45,966
Stevens Institute of Technology	186	44,747	0	44,747
U. North Texas, Health Science Center	187	44,364	3,028	47,392
Mercer U.	188	43,837	5,279	49,116
Portland State U.	189	43,667	0	43,667
Boise State U.	190	43,307	0	43,307

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Worcester Polytechnic Institute	191	43,092	0	43,092
Southern Methodist U.	192	43,081	0	43,081
Ohio U.	193	42,450	9,464	51,914
U.S. Air Force Academy	194	42,197	0	42,197
U. Texas Health Science Center, San Antonio	195	42,022	160,550	202,572
U. Denver	196	41,349	0	41,349
Florida A&M U.	197	41,319	0	41,319
CUNY, City C.	198	41,295	4,337	45,632
U. West Florida	199	40,051	0	40,051
Baylor U.	200	39,765	0	39,765
Brigham Young U., Provo	201	38,569	0	38,569
CUNY, Hunter C.	202	38,345	0	38,345
East Carolina U.	203	38,340	19,480	57,820
Wright State U.	204	38,193	11,632	49,825
Lehigh U.	205	38,064	0	38,064
Marquette U.	206	37,136	0	37,136
Saint Louis U.	207	36,425	33,103	69,528
North Carolina Agricultural and Technical State U.	208	36,151	0	36,151
U. Toledo	209	35,620	18,480	54,100
Air Force Institute of Technology	210	35,584	0	35,584
U. Texas Rio Grande Valley	211	34,097	22,605	56,702
San Francisco State U.	212	33,078	0	33,078
Texas A&M U.-Corpus Christi	213	32,284	0	32,284
Illinois State U.	214	32,260	0	32,260
U. South Alabama	215	32,207	18,895	51,102
U. Missouri, Kansas City	216	31,147	5,209	36,356
SUNY, C. of Environmental Science and Forestry	217	29,296	0	29,296
Illinois Institute of Technology	218	29,122	0	29,122
U. North Carolina, Greensboro	219	28,966	0	28,966
Rutgers, State U. New Jersey, Newark	220	28,006	0	28,006
Howard U.	221	27,749	17,184	44,933
U. Massachusetts, Dartmouth	222	26,836	0	26,836
Chapman U.	223	26,660	0	26,660
California Polytechnic State U., San Luis Obispo	224	26,605	0	26,605
Louisiana Tech U.	225	26,585	0	26,585
U. Puerto Rico, Mayaguez	226	26,553	0	26,553
Desert Research Institute	227	26,428	0	26,428
U. Minnesota, Duluth	228	26,137	0	26,137
Villanova U.	229	25,505	0	25,505
Northern Illinois U.	230	25,420	0	25,420
Catholic U. of America	231	25,221	0	25,221
California State U., Sacramento	232	24,939	0	24,939
New Mexico Institute of Mining and Technology	233	24,591	0	24,591
Miami U.	234	24,489	0	24,489
U. Puerto Rico, Medical Sciences Campus	235	24,410	12,807	37,217
Delaware State U.	236	23,876	0	23,876
U. Nebraska, central administration	237	23,672	0	23,672
U. Akron	238	23,496	0	23,496

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. Puerto Rico, Rio Piedras	239	22,895	0	22,895
Texas A&M U.-Kingsville	240	22,745	0	22,745
U. Alaska, Anchorage	241	22,713	0	22,713
Teachers C., Columbia U.	242	22,630	0	22,630
Southern Illinois U., Carbondale	243	21,871	19,746	41,617
U. Texas Health Science Center, Tyler	244	21,265	0	21,265
California State U., Northridge	245	21,228	0	21,228
Tuskegee U.	246	20,973	0	20,973
Fordham U.	247	20,456	0	20,456
U. South Dakota	248	19,458	9,821	29,279
Western Michigan U. and Homer Stryker M.D. School of Medicine	249	18,924	5,617	24,541
U. Tulsa	250	18,787	0	18,787
Bowling Green State U.	251	18,729	0	18,729
Prairie View A&M U.	252	18,723	0	18,723
Southern Illinois U., Edwardsville	253	18,273	0	18,273
Florida Institute of Technology	254	18,271	0	18,271
U. South Florida, Saint Petersburg	255	18,243	0	18,243
Kennesaw State U.	256	17,954	0	17,954
Embry-Riddle Aeronautical U.	257	17,786	0	17,786
Montclair State U.	258	17,636	0	17,636
Duquesne U.	259	17,485	0	17,485
Morgan State U.	260	17,193	0	17,193
California State U., Long Beach	261	16,684	0	16,684
U. New Orleans	262	16,594	0	16,594
U. North Carolina, Wilmington	263	16,544	0	16,544
CUNY, Queens C.	264	16,470	0	16,470
U. Nebraska, Omaha	265	16,134	0	16,134
Texas Tech U., Health Sciences Center	266	16,049	28,086	44,135
North Carolina Central U.	267	15,833	0	15,833
Tennessee State U.	268	15,377	0	15,377
U. Missouri, Saint Louis	269	15,352	0	15,352
Texas Christian U.	270	15,284	42	15,326
Rowan U.	271	15,137	10,881	26,018
Clarkson U.	272	15,104	0	15,104
Jackson State U.	273	15,081	0	15,081
U. Baltimore	274	15,054	0	15,054
Tarleton State U.	275	14,890	0	14,890
Thomas Jefferson U.	276	14,889	156,488	171,377
South Dakota School of Mines and Technology	277	14,490	0	14,490
Idaho State U.	278	14,478	0	14,478
Nova Southeastern U.	279	14,447	11,588	26,035
Langston U.	280	14,409	0	14,409
Humboldt State U.	281	14,236	0	14,236
Wake Forest U.	282	14,146	230,497	244,643
Tennessee Technological U.	283	14,085	0	14,085
Long Island U.	284	13,997	0	13,997
CUNY, John Jay C. of Criminal Justice	285	13,939	0	13,939
Alcorn State U.	286	13,710	0	13,710

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. of the Virgin Islands	287	13,631	0	13,631
U. North Florida	288	13,573	0	13,573
U. Hawaii, system office	289	13,568	0	13,568
California State U., San Marcos	290	13,250	0	13,250
Central Michigan U.	291	13,203	4,245	17,448
New School	292	13,186	0	13,186
Missouri State U.	293	13,131	0	13,131
U.S. Naval Academy	294	13,123	0	13,123
U. Guam	295	13,043	0	13,043
Montana Technological U.	296	12,987	0	12,987
Western Washington U.	297	12,823	0	12,823
U.S. Military Academy	298	12,473	0	12,473
Sam Houston State U.	299	12,275	162	12,437
CUNY, Graduate School of Public Health and Health Policy	300	12,177	0	12,177
Georgia Southern U.	301	12,166	0	12,166
Charles R. Drew U. of Medicine and Science	302	11,921	1,761	13,682
Oakland U.	303	11,880	1,069	12,949
Bryn Mawr C.	304	11,575	0	11,575
Hampton U.	305	11,402	0	11,402
Xavier U. Louisiana	306	11,387	0	11,387
CUNY, Advanced Science Research Center	307	11,373	0	11,373
U. Tennessee, Chattanooga	308	10,834	0	10,834
California State U., San Bernardino	309	10,819	0	10,819
California State U., Los Angeles	310	10,590	0	10,590
Loma Linda U.	311	10,284	14,793	25,077
Clark U.	312	10,277	0	10,277
James Madison U.	313	10,247	0	10,247
Rhode Island C.	314	10,094	0	10,094
Virginia State U.	315	10,014	0	10,014
U. Arkansas, Little Rock	316	9,711	0	9,711
St. Edward's U.	317	9,619	0	9,619
William Paterson U.	318	9,603	0	9,603
Salisbury U.	319	9,496	0	9,496
SUNY, Upstate Medical U.	320	9,460	32,097	41,557
Ball State U.	321	9,429	0	9,429
Claremont Graduate U.	322	9,403	0	9,403
Eastern Michigan U.	323	9,088	0	9,088
California State U., East Bay	324	9,072	0	9,072
California State U., Fresno	325	8,856	0	8,856
U. Michigan, Dearborn	326	8,777	0	8,777
Alabama A&M U.	327	8,749	0	8,749
Middle Tennessee State U.	328	8,697	0	8,697
Arkansas State U., Jonesboro	329	8,640	0	8,640
Marshall U.	330	8,614	13,636	22,250
U. San Diego	331	8,607	0	8,607
U. Arkansas, Pine Bluff	332	8,540	0	8,540
Clark Atlanta U.	333	8,452	0	8,452
Louisiana State U., Health Sciences Center, New Orleans	334	8,346	35,073	43,419

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Wesleyan U.	335	8,300	0	8,300
Western Kentucky U.	336	8,241	0	8,241
U. Maryland, Eastern Shore	337	8,092	0	8,092
Wellesley C.	338	8,088	0	8,088
Kentucky State U.	339	7,963	0	7,963
California State Polytechnic U., Pomona	340	7,396	0	7,396
Loyola Marymount U.	341	7,193	0	7,193
Norfolk State U.	342	7,153	0	7,153
U. Washington, Bothell	343	7,107	0	7,107
U. Texas Medical Branch	344	7,076	173,519	180,595
CUNY, Brooklyn C.	345	7,074	0	7,074
Azusa Pacific U.	346	7,068	0	7,068
California State U., Bakersfield	347	7,053	0	7,053
U. Hawaii, Hilo	348	6,992	0	6,992
Grand Valley State U.	349	6,792	0	6,792
Florida Gulf Coast U.	350	6,671	0	6,671
DePaul U.	351	6,557	0	6,557
Indiana U. Pennsylvania	352	6,531	0	6,531
West Chester U. Pennsylvania	353	6,414	0	6,414
Loyola U., Chicago	354	6,411	32,954	39,365
West Texas A&M U.	355	6,220	0	6,220
Central State U.	356	6,107	0	6,107
Naval War C.	357	5,944	0	5,944
California State U., Fullerton	358	5,929	0	5,929
Toyota Technological Institute, Chicago	359	5,887	0	5,887
California State U., Monterey Bay	360	5,874	0	5,874
Claremont McKenna C.	361	5,846	0	5,846
Pacific U.	362	5,842	0	5,842
Purdue U., Northwest	363	5,839	0	5,839
Grinnell C.	364	5,826	0	5,826
U. Central Oklahoma	365	5,788	0	5,788
Winston-Salem State U.	366	5,781	0	5,781
Lincoln U., Jefferson City	367	5,777	0	5,777
West Virginia State U.	368	5,775	0	5,775
C. Charleston	369	5,728	0	5,728
Seton Hall U.	370	5,718	0	5,718
U. Southern Maine	371	5,635	0	5,635
U. Colorado Colorado Springs	372	5,557	0	5,557
U. New England	373	5,548	1,338	6,886
Creighton U.	374	5,546	14,793	20,339
Southern Connecticut State U.	375	5,413	0	5,413
Bucknell U.	376	5,339	0	5,339
Western U. of Health Sciences	377	5,272	627	5,899
East Tennessee State U.	378	5,258	8,667	13,925
U. Massachusetts, central office	379	5,225	0	5,225
Reed C.	380	5,155	0	5,155
U. Oklahoma, Tulsa	381	5,010	2,473	7,483
Williams C.	382	4,924	0	4,924



TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Fort Valley State U.	383	4,921	0	4,921
Amherst C.	384	4,906	0	4,906
Appalachian State U.	385	4,894	0	4,894
U. of Health Sciences and Pharmacy in St. Louis	386	4,835	0	4,835
Morehouse C.	387	4,825	0	4,825
U. North Carolina, Asheville	388	4,789	0	4,789
CUNY, Graduate Center	389	4,787	0	4,787
U. Detroit Mercy	390	4,786	0	4,786
Texas Southern U.	391	4,782	0	4,782
U. Wisconsin-Stevens Point	392	4,764	0	4,764
Smith C.	393	4,685	0	4,685
Augusta U.	394	4,651	99,310	103,961
Gallaudet U.	395	4,599	0	4,599
U. of the District of Columbia	396	4,590	0	4,590
National Defense U.	397	4,583	0	4,583
Southern U. and A&M C., Agricultural Research and Extension Center	398	4,475	0	4,475
Haverford C.	399	4,473	0	4,473
Dakota State U.	400	4,412	0	4,412
Roseman U. of Health Sciences	401	4,380	0	4,380
Lamar U.	402	4,327	0	4,327
California State U., Chico	403	4,305	0	4,305
Des Moines U.	404	4,299	722	5,021
Pace U.	405	4,272	0	4,272
Oregon Institute of Technology	406	4,267	0	4,267
Stockton U.	407	4,236	0	4,236
Texas A&M U.-Commerce	408	4,166	0	4,166
CUNY, Lehman C.	409	4,154	0	4,154
Texas Woman's U.	410	4,135	0	4,135
Youngstown State U.	411	4,120	0	4,120
Rutgers, State U. New Jersey, Camden	412	3,950	0	3,950
U. North Carolina, general administration	413	3,942	0	3,942
Fisk U.	414	3,904	0	3,904
Southern U. and A&M C., Baton Rouge	415	3,849	0	3,849
U. New Haven	416	3,843	0	3,843
Hope C.	417	3,822	0	3,822
Midwestern U.	418	3,812	6,667	10,479
South Carolina State U.	419	3,796	0	3,796
Albany C. of Pharmacy and Health Sciences	420	3,765	0	3,765
U. of the Sciences Philadelphia	421	3,761	0	3,761
Barnard C.	422	3,748	0	3,748
U. Northern Colorado	423	3,738	0	3,738
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	424	3,737	0	3,737
Carleton C.	425	3,732	0	3,732
CUNY, C. Staten Island	426	3,682	0	3,682
Stephen F. Austin State U.	427	3,672	0	3,672
Franklin and Marshall C.	428	3,623	0	3,623
Towson U.	429	3,612	0	3,612

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
MGH Institute of Health Professions	430	3,549	0	3,549
Swarthmore C.	431	3,544	0	3,544
U. Washington, Tacoma	432	3,504	0	3,504
SUNY, C. of Optometry	433	3,477	0	3,477
Trinity U.	434	3,472	0	3,472
U. Central Arkansas	435	3,455	0	3,455
U. Illinois, Springfield	436	3,406	0	3,406
Lewis and Clark C.	437	3,350	0	3,350
High Tech High Graduate School of Ed.	438	3,304	0	3,304
St. John's U., New York	439	3,282	0	3,282
Rush U.	440	3,239	91,199	94,438
California State U., Maritime Academy	441	3,202	0	3,202
Milwaukee School of Engineering	442	3,190	0	3,190
Saint Joseph's U.	443	3,150	0	3,150
Colorado State U., Pueblo	444	3,104	0	3,104
Texas A&M International U.	445	3,067	0	3,067
St. Cloud State U.	446	3,056	0	3,056
New York Medical C.	447	3,030	17,107	20,137
Murray State U.	448	3,019	0	3,019
U. Northern Iowa	449	2,970	0	2,970
Harvey Mudd C.	450	2,916	0	2,916
Colgate U.	451	2,913	0	2,913
Pomona C.	452	2,855	0	2,855
Austin Peay State U.	453	2,833	0	2,833
Fayetteville State U.	454	2,797	0	2,797
U. Wisconsin-La Crosse	455	2,795	0	2,795
Alfred U.	456	2,780	0	2,780
Yeshiva U.	457	2,763	0	2,763
Minnesota State U., Mankato	458	2,754	0	2,754
Spelman C.	459	2,750	0	2,750
Bowdoin C.	460	2,719	0	2,719
Northwest Indian C.	461	2,708	0	2,708
Western Carolina U.	462	2,696	0	2,696
Northern Kentucky U.	463	2,693	0	2,693
Santa Clara U.	464	2,682	0	2,682
U. of St. Thomas (MN)	465	2,679	0	2,679
Central Washington U.	466	2,674	0	2,674
Occidental C.	467	2,657	0	2,657
U. Nebraska, Kearney	468	2,640	0	2,640
Christopher Newport U.	469	2,608	0	2,608
U. South Carolina, Aiken	470	2,590	0	2,590
Alabama State U.	471	2,582	0	2,582
Dillard U.	472	2,523	0	2,523
Johnson C. Smith U.	473	2,472	0	2,472
U. Richmond	474	2,469	0	2,469
Albert Einstein C. of Medicine	475	2,463	286,191	288,654
Western Illinois U.	476	2,461	0	2,461
Grambling State U.	477	2,427	0	2,427

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Philadelphia C. of Osteopathic Medicine	478	2,415	945	3,360
Skidmore C.	479	2,412	0	2,412
CUNY, Baruch C.	480	2,396	0	2,396
U. Louisiana, Monroe	481	2,362	0	2,362
Babson C.	482	2,352	0	2,352
Saginaw Valley State U.	483	2,343	0	2,343
Framingham State U.	484	2,317	0	2,317
Bates C.	485	2,303	0	2,303
U. Wisconsin-Superior	486	2,301	0	2,301
U. Houston-Downtown	487	2,299	0	2,299
Colorado C.	488	2,291	0	2,291
Eastern Washington U.	489	2,282	0	2,282
Purdue U., Fort Wayne	490	2,264	0	2,264
Davidson C.	491	2,263	0	2,263
Southeastern Louisiana U.	492	2,258	0	2,258
SUNY, Buffalo State	493	2,253	0	2,253
Winthrop U.	494	2,217	0	2,217
Kean U.	495	2,201	0	2,201
Meharry Medical C.	496	2,183	11,687	13,870
Pittsburg State U.	497	2,173	0	2,173
U. San Francisco	498	2,161	0	2,161
Keck Graduate Institute	499	2,152	0	2,152
U. South Florida, Sarasota-Manatee	500	2,150	0	2,150
CUNY, New York City C. of Technology	501	2,130	0	2,130
Hobart and William Smith Colleges	502	2,114	0	2,114
Suffolk U.	503	2,106	0	2,106
U. Texas of the Permian Basin	504	2,105	0	2,105
Tougaloo C.	505	2,102	0	2,102
Furman U.	506	2,101	0	2,101
Kettering U.	507	2,081	0	2,081
Sul Ross State U.	508	2,068	0	2,068
California State U., Dominguez Hills	509	2,065	0	2,065
Seattle U.	510	2,060	0	2,060
Touro U.	511	2,055	1,496	3,551
U. Ana G. Mendez, Gurabo	512	2,049	0	2,049
Northeastern Illinois U.	513	2,018	0	2,018
Mount Holyoke C.	514	2,016	0	2,016
U. Texas, Tyler	515	2,007	0	2,007
Pepperdine U.	516	2,006	0	2,006
Erikson Institute	517	1,992	0	1,992
U. Wisconsin-Green Bay	518	1,982	0	1,982
U. Puerto Rico, Cayey	519	1,974	0	1,974
Elon U.	520	1,968	0	1,968
Bowie State U.	521	1,967	0	1,967
Northwestern State U. Louisiana	522	1,940	0	1,940
Clafin U.	523	1,910	0	1,910
U. North Georgia	524	1,905	0	1,905
Coastal Carolina U.	525	1,903	0	1,903

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
Palmer C. of Chiropractic, Davenport	526	1,900	0	1,900
Morehead State U.	527	1,883	0	1,883
Hamilton C.	528	1,869	0	1,869
Pennsylvania State U., Harrisburg	529	1,866	0	1,866
Mercyhurst U.	530	1,850	0	1,850
California State U., Stanislaus	531	1,843	0	1,843
Savannah State U.	532	1,804	0	1,804
Eastern Connecticut State U.	533	1,799	0	1,799
Hawaii Pacific U.	534	1,796	0	1,796
U. Wisconsin-Oshkosh	535	1,777	0	1,777
Liberty U.	536	1,764	130	1,894
Macalester C.	537	1,755	0	1,755
Pennsylvania State U., Behrend	538	1,743	0	1,743
Monmouth U.	539	1,729	0	1,729
Middlebury C.	540	1,720	0	1,720
SUNY, C. Brockport	541	1,719	0	1,719
U. of the Pacific	542	1,713	0	1,713
CUNY, system office	543	1,704	0	1,704
Troy U.	544	1,692	0	1,692
CUNY, York C.	545	1,691	0	1,691
Northeast Ohio Medical U.	546	1,664	14,094	15,758
La Sierra U.	547	1,647	0	1,647
SUNY, Geneseo	548	1,642	0	1,642
Texas Tech U., Health Sciences Center, El Paso	549	1,636	8,785	10,421
Connecticut C.	550	1,598	0	1,598
Central Connecticut State U.	551	1,572	0	1,572
Vassar C.	552	1,568	0	1,568
Willamette U.	553	1,546	0	1,546
Sonoma State U.	554	1,545	0	1,545
Mills C.	555	1,541	0	1,541
Colby C.	556	1,536	0	1,536
SUNY, Oswego	557	1,534	0	1,534
Roger Williams U.	558	1,531	0	1,531
Northern Michigan U.	559	1,523	0	1,523
Lawrence Technological U.	560	1,521	0	1,521
Black Hills State U.	561	1,499	0	1,499
California State U., Channel Islands	562	1,497	0	1,497
Calvin U.	562	1,497	0	1,497
Elizabeth City State U.	564	1,473	0	1,473
Indiana State U.	565	1,471	0	1,471
C. New Jersey	566	1,464	0	1,464
U. Puerto Rico, Humacao	567	1,456	0	1,456
SUNY, C. Plattsburgh	568	1,452	0	1,452
Hofstra U.	569	1,438	7	1,445
U. Hartford	570	1,436	0	1,436
National U. of Natural Medicine	571	1,428	0	1,428
Trinity C., Hartford	571	1,428	0	1,428
Franklin W. Olin C. of Engineering	573	1,404	0	1,404

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. of Mary Washington	574	1,393	0	1,393
Lafayette C.	575	1,390	0	1,390
Fort Lewis C.	576	1,370	0	1,370
U. Houston-Clear Lake	577	1,363	0	1,363
Marshall B. Ketchum U.	578	1,357	0	1,357
Wheaton C., Wheaton	579	1,322	0	1,322
U. Wisconsin-Eau Claire	580	1,318	0	1,318
New York Institute of Technology	581	1,317	2,263	3,580
Manhattan C.	582	1,307	0	1,307
U. Alaska, Southeast	583	1,264	0	1,264
Alaska Pacific U.	584	1,261	0	1,261
U. Michigan, Flint	585	1,247	0	1,247
Jacksonville State U.	586	1,244	0	1,244
Fairfield U.	587	1,210	0	1,210
Ithaca C.	588	1,199	0	1,199
Biola U.	589	1,187	0	1,187
U. of the Incarnate Word	590	1,185	284	1,469
Oberlin C.	591	1,182	0	1,182
Fort Hays State U.	592	1,172	0	1,172
Rosalind Franklin U. of Medicine and Science	593	1,153	13,448	14,601
New England C. of Optometry	594	1,150	0	1,150
Albion C.	595	1,132	0	1,132
Saint John's U., Collegeville	596	1,130	0	1,130
Heidelberg U.	597	1,125	0	1,125
Niagara U.	598	1,124	0	1,124
Doane U.	599	1,123	0	1,123
U. Wisconsin-River Falls	600	1,107	0	1,107
U. Wisconsin-Platteville	601	1,104	0	1,104
Providence C.	602	1,092	0	1,092
Florida Polytechnic U.	603	1,091	0	1,091
New Mexico Highlands U.	604	1,090	0	1,090
C. Wooster	605	1,076	0	1,076
C. of Saint Benedict	606	1,069	0	1,069
Keene State C.	607	1,063	0	1,063
Union C., Schenectady	608	1,062	0	1,062
Albany State U.	609	1,060	0	1,060
Andrews U.	610	1,033	0	1,033
St. Olaf C.	611	1,032	0	1,032
Citadel Military C. South Carolina	612	1,012	0	1,012
Eastern Kentucky U.	613	1,010	0	1,010
U. Minnesota, Morris	614	1,004	0	1,004
Lipscomb U.	615	1,000	0	1,000
Rhode Island School of Design	616	975	0	975
Saint Michael's C.	617	957	0	957
Dickinson C.	618	929	0	929
Emerson C.	619	919	0	919
Gettysburg C.	620	913	0	913
Kenyon C.	621	908	0	908

TABLE 35

**Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2020**

(Dollars in thousands)

Institution	Rank	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
U. Puget Sound	622	895	0	895
Midwestern State U.	623	891	0	891
CUNY, Medgar Evers C.	624	882	0	882
Whitman C.	625	865	0	865
Bradley U.	626	851	0	851
Stonehill C.	627	833	0	833
La Salle U.	628	818	0	818
Polytechnic U. Puerto Rico	629	813	0	813
Salish Kootenai C.	630	807	0	807
Weber State U.	631	676	0	676
Benedict C.	632	649	0	649
U. Ana G. Mendez, Carolina	633	647	0	647
California Lutheran U.	634	630	0	630
St. Bonaventure U.	635	585	0	585
SUNY, Downstate Medical Center	636	538	32,666	33,204
Merrimack C.	637	503	0	503
Dine C.	638	347	0	347
New Jersey City U.	639	262	0	262
Columbus State U.	640	261	0	261
Eastern Virginia Medical School	641	235	20,635	20,870
Albany Medical C.	-	0	23,510	23,510
Baylor C. of Medicine	-	0	685,641	685,641
Edward Via C. of Osteopathic Medicine	-	0	7,475	7,475
Icahn School of Medicine at Mount Sinai	-	0	747,014	747,014
Louisiana State U., Health Sciences Center, Shreveport	-	0	25,321	25,321
Medical C. Wisconsin	-	0	264,325	264,325
Morehouse School of Medicine	-	0	29,813	29,813
Oklahoma State U., Center for Health Sciences	-	0	8,378	8,378
Ponce Health Sciences U.	-	0	13,566	13,566
U. Arkansas for Medical Sciences	-	0	174,549	174,549
U. Central del Caribe	-	0	3,931	3,931
U. Massachusetts, Medical School	-	0	279,096	279,096
U. Tennessee, Health Science Center	-	0	99,716	99,716
West Virginia School of Osteopathic Medicine	-	0	1,311	1,311

i = imputed.

<sup>a</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$1,909,094 thousand in total R&D expenditures in FY 2020.<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 Tennessee, Knoxville includes expenditures from the University of Tennessee Institute of Agriculture. Due to a reorganization within the University of Tennessee system, the Institute of Agriculture now falls under the leadership of the University of Tennessee, Knoxville chancellor. Prior to FY 2020, the University of Tennessee, Knoxville, Institute of Agriculture reported to the survey separately.**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 6.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2020.