

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	24,413,353	119,910	62,036	21,373,795	66,235	599,981	545,727	373,777	109,025	890,968	271,899
Johns Hopkins U. <sup>a</sup>	1	673,751	2,704	10,390	620,254	59	5,375	3,559	182	593	30,526	109
U. Washington, Seattle	2	655,533	1,133	2,134	589,276	1,150	11,607	6,315	3,127	0	25,226	15,565
U. California, San Francisco	3	623,113	0	0	590,676	0	32,437	0	0	0	0	0
U. Michigan, Ann Arbor	4	615,534	2,102	9	506,961	628	11,307	4,864	69,797	143	17,542	2,181
U. Pennsylvania	5	592,670	199	362	557,660	1,648	7,914	4,036	4,953	0	14,229	1,669
U. Pittsburgh, Pittsburgh	6	581,530	3,277	6,668	539,892	912	4,011	11,430	1,911	318	9,832	3,279
Duke U.	7	571,613	1,333	0	513,989	2,406	4,400	8,602	14,306	106	26,352	119
U. North Carolina, Chapel Hill	8	554,504	8,638	363	484,549	722	10,905	14,332	17,361	0	8,278	9,356
Columbia U. in the City of New York	9	548,047	221	1,626	514,636	968	4,760	2,902	19	0	16,611	6,304
Stanford U.	10	544,763	233	161	494,202	880	18,805	8,949	206	0	21,305	22
Yale U.	11	495,232	0	0	470,920	523	8,065	5,525	325	0	9,410	464
Washington U., Saint Louis	12	488,527	591	5	456,440	70	8,063	4,620	87	0	7,745	10,906
Harvard U.	13	475,795	6,506	14,745	391,836	15,806	13,025	2,229	16,601	240	14,427	380
U. California, San Diego	14	435,980	770	1,943	379,841	0	14,559	8,428	12	67	30,149	211
Icahn School of Medicine at Mount Sinai	15	429,104	0	0	429,104	0	0	0	0	0	0	0
U. California, Los Angeles	16	423,638	1,786	0	384,751	595	11,648	8,413	3,880	3,569	6,401	2,595
Vanderbilt U. and Vanderbilt U. Medical Center	17	402,645	0	0	367,417	6	7,243	5,766	0	0	15,914	6,299
Emory U.	18	387,530	0	192	372,985	630	4,567	3,272	103	0	5,171	610
Northwestern U.	19	374,302	0	0	348,646	0	6,033	765	4,255	3,202	10,200	1,201
New York U.	20	353,281	377	0	313,189	410	6,704	19,406	42	0	789	12,364
U. Maryland <sup>b</sup>	21	349,950	2,610	405	310,221	45	2,024	5,240	7,498	5	13,657	8,245
U. Wisconsin-Madison	22	347,705	0	5	284,124	66	6,055	5,216	15,711	22,567	13,416	545
U. Alabama, Birmingham	23	337,055	0	0	325,571	0	767	3,766	0	0	5,758	1,193
U. Southern California	24	328,895	7,128	0	281,952	17	2,085	3,999	18,923	0	9,248	5,543
U. Colorado Denver and Anschutz Medical Campus	25	322,277	19	2,005	316,220	65	302	1,537	55	0	1,911	163
Case Western Reserve U.	26	321,105	0	0	306,065	86	1,297	613	988	0	11,990	66
U. Minnesota, Twin Cities	27	315,135	882	250	261,277	714	5,464	17,437	9,229	130	14,654	5,098
Cornell U.	28	282,465	162	0	245,984	75	16,818	2,977	2,862	0	13,254	333

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Oregon Health and Science U.	29	279,218	0	0	270,326	0	0	0	0	0	8,892	0
Ohio State U.	30	277,710	838	475	239,432	527	9,973	4,234	1,778	4,217	7,373	8,863
Baylor C. of Medicine	31	260,814	0	0	260,814	0	0	0	0	0	0	0
Boston U.	32	245,176	288	0	203,075	1,539	6,350	13,253	291	160	18,295	1,925
Scripps Research Institute	33	240,749	0	0	240,749	0	0	0	0	0	0	0
U. Chicago	34	236,745	9,304	0	204,507	508	10,098	2,776	3,799	0	3,244	2,509
Indiana U., Bloomington	35	236,336	1,303	0	218,124	42	6,765	5,505	2,172	719	1,484	222
U. Cincinnati	36	221,849	0	0	217,745	54	607	939	707	0	973	824
U. California, Davis	37	215,535	0	95	192,252	220	5,233	1,513	4,476	0	11,572	174
U. Florida	38	213,038	878	26	189,596	480	2,168	5,525	1,370	0	10,502	2,493
U. Utah	39	204,671	5,682	51	148,857	219	16,479	6,116	731	0	9,062	17,474
U. Iowa	40	198,962	696	18	182,061	0	896	5,766	1,255	0	6,646	1,624
Albert Einstein C. of Medicine	41	196,923	0	0	196,923	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	42	193,286	0	0	193,286	0	0	0	0	0	0	0
U. Massachusetts, Medical School	43	189,993	0	0	189,993	0	0	0	0	0	0	0
U. Rochester	44	180,234	0	0	165,810	0	1,772	3,651	0	3,443	5,551	7
U. Virginia, Charlottesville	45	174,207	328	0	157,695	0	3,564	2,952	0	0	6,957	2,711
Rutgers, State U. New Jersey, New Brunswick	46	173,721	71	458	163,193	338	2,152	2,259	176	86	3,895	1,093
U. Texas M. D. Anderson Cancer Center	47	168,105	0	0	147,410	7,187	7,555	3,601	2,352	0	0	0
U. Illinois, Chicago	48	162,454	945	0	151,873	0	2,431	1,328	57	398	4,390	1,032
U. Miami	49	156,134	184	542	148,400	0	22	5,684	186	0	1,116	0
U. Arizona	50	145,350	794	0	133,005	285	4,851	1,180	830	850	3,225	330
Wake Forest U.	51	137,998	0	0	137,812	19	145	22	0	0	0	0
Medical U. South Carolina	52	137,077	0	0	137,077	0	0	0	0	0	0	0
Massachusetts Institute of Technology	53	136,305	8,187	465	65,240	0	9,751	129	561	154	51,818	0
U. Kentucky	54	135,877	95	139	127,564	899	1,603	1,832	71	82	2,757	835
Pennsylvania State U., University Park and Hershey Medical Center	55	132,733	395	1,419	90,948	1,322	4,783	17,794	7,029	0	8,271	772

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. California, Irvine	56	130,420	1,182	0	111,201	347	5,465	1,363	278	0	6,745	3,839
U. California, Berkeley	57	124,119	0	681	81,234	172	6,273	6,415	2,772	20,930	5,570	72
Temple U.	58	121,229	216	0	111,775	182	1,520	4,150	249	61	1,034	2,042
Dartmouth C. and Dartmouth Hitchcock Medical Center	59	120,373	703	315	105,329	0	1,445	3,824	39	0	8,670	48
U. Texas Health Science Center, Houston	60	118,544	0	0	118,544	0	0	0	0	0	0	0
Brown U.	61	117,046	1,557	91	86,275	704	648	6,562	11,871	6,582	1,988	768
George Washington U.	62	116,414	471	0	109,773	441	705	1,361	809	0	2,749	105
U. South Florida, Tampa	63	115,498	53	0	101,634	272	2,238	659	7,996	0	2,063	583
U. Kansas	64	113,725	84	0	91,523	0	2,850	4,542	1,800	167	3,967	8,792
SUNY, U. Buffalo	65	111,965	4	26	92,025	0	1,757	2,964	1,108	0	13,243	838
Medical C. Wisconsin	66	109,049	0	0	106,144	0	0	0	0	0	2,905	0
Virginia Commonwealth U.	67	108,040	312	0	87,901	68	533	8,202	60	0	3,559	7,405
U. Texas Medical Branch	68	101,079	0	0	100,668	0	0	0	0	0	411	0
U. Nebraska, Medical Center	69	95,693	0	0	95,693	0	0	0	0	0	0	0
Wayne State U.	70	93,144	0	0	83,454	78	5,287	761	0	0	1,110	2,454
U. Connecticut	71	92,365	377	186	78,104	168	908	7,903	2,023	0	1,931	765
U. New Mexico	72	89,949	1	0	83,058	93	498	4,474	966	0	583	276
U. Texas, Austin	73	89,062	496	1	54,450	517	4,074	7,444	5,774	224	11,954	4,128
Tulane U.	74	87,609	57	0	83,870	147	479	635	61	0	2,360	0
U. Texas Health Science Center, San Antonio	75	84,060	0	0	84,060	0	0	0	0	0	0	0
Texas A&M U., College Station and Health Science Center	76	82,965	578	2,076	61,565	1,174	3,454	1,199	4,522	408	7,287	702
Michigan State U.	77	80,546	184	0	60,340	707	3,163	7,454	430	117	6,063	2,088
Rockefeller U.	78	78,685	0	0	76,104	54	2,527	0	0	0	0	0
Tufts U.	79	78,249	170	2	54,107	0	42	955	399	10,800	11,293	481
California Institute of Technology	80	78,102	561	0	55,783	0	11,814	0	0	0	5,130	4,814
SUNY, U. Albany	81	73,370	0	0	67,637	0	1,587	811	2,624	0	28	683
U. Georgia	82	73,320	567	0	55,262	579	3,093	11,364	741	0	937	777
U. Louisville	83	72,903	112	0	67,277	0	966	523	83	0	1,086	2,856

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Thomas Jefferson U.	84	71,108	0	0	71,108	0	0	0	0	0	0	0
SUNY, Stony Brook U.	85	70,474	545	72	58,211	1,324	3,297	2,389	75	45	3,782	734
U. Oklahoma, Norman and Health Science Center	86	70,271	107	90	58,346	0	7,917	347	2,163	0	1,092	209
U. Illinois, Urbana-Champaign	87	69,420	601	93	30,321	58	13,823	3,723	98	0	16,486	4,217
Rush U.	88	68,365	0	0	65,951	0	0	2,414	0	0	0	0
U. Vermont	89	66,169	0	0	64,041	0	473	1,280	0	0	348	27
Georgetown U.	90	62,767	0	0	56,978	2	809	832	4,051	0	0	95
Cold Spring Harbor Laboratory	91	61,289	0	0	61,289	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	92	61,083	0	0	61,083	0	0	0	0	0	0	0
Arizona State U.	93	59,233	428	0	31,248	811	3,322	8,041	2,677	182	8,725	3,799
Purdue U., West Lafayette	94	58,699	939	0	35,576	728	5,012	3,441	595	0	8,591	3,817
Princeton U.	95	58,592	783	0	44,254	82	5,386	2,342	2,720	0	3,025	0
U. Missouri, Columbia	96	58,464	784	0	51,862	24	1,004	3,497	0	0	1,089	204
U. Colorado Boulder	97	56,794	137	40	32,527	530	1,622	9,506	5,433	718	5,940	341
Drexel U.	98	53,332	74	0	46,627	0	0	1,935	0	15	3,598	1,083
U. South Carolina, Columbia	99	52,076	421	56	38,223	16	0	4,527	3,985	0	230	4,618
U. Hawaii, Manoa	100	50,545	0	156	49,913	0	50	79	166	143	38	0
U. Mississippi	101	49,643	0	0	49,554	0	47	0	0	0	0	42
Washington State U.	102	48,792	1,018	0	40,945	0	1,450	622	1,074	71	1,008	2,604
Augusta U.	103	45,629	13	0	45,616	0	0	0	0	0	0	0
Colorado State U., Fort Collins	104	45,335	0	512	32,409	633	2,326	2,405	2,331	1,944	2,714	61
Cleveland State U.	105	44,940	0	0	37,060	72	211	54	27	0	7,447	69
Georgia State U.	106	44,011	150	0	31,217	625	3,647	2,220	2,086	0	0	4,066
Northeastern U.	107	41,700	2,041	65	16,106	0	4,128	5,235	1,099	0	12,917	109
Georgia Institute of Technology	108	41,448	2,135	0	9,167	135	3,796	432	1,295	0	24,455	33
U. California, Santa Cruz	109	39,291	0	2,267	8,927	0	7,123	126	0	0	20,848	0
Florida State U.	110	39,161	32	0	25,781	320	2,263	5,081	178	444	2,851	2,211
U. Tennessee, Health Science Center	111	39,136	0	0	39,136	0	0	0	0	0	0	0
U. Oregon	112	38,545	0	42	25,409	0	783	10,422	47	0	381	1,461

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Delaware	113	37,168	2,295	69	19,172	0	5,641	3,116	1,320	1,065	4,439	51
Virginia Polytechnic Institute and State U.	114	37,013	535	0	26,653	83	1,244	603	1,543	11	6,238	103
U. Massachusetts, Amherst	115	33,895	527	0	20,597	482	4,469	4,433	455	395	2,457	80
North Carolina State U.	116	33,362	361	1,089	14,990	2,754	3,957	574	631	305	8,553	148
Florida International U.	117	33,326	44	0	15,090	0	2,165	11,961	2,902	0	1,011	153
Louisiana State U., Baton Rouge	118	33,109	0	95	29,982	65	1,412	98	187	0	857	413
Carnegie Mellon U.	119	32,874	9,494	200	7,712	652	1,862	4,111	2,439	599	5,805	0
U. Puerto Rico, Medical Sciences Campus	120	32,432	0	0	32,432	0	0	0	0	0	0	0
West Virginia U.	121	32,112	0	41	28,811	18	973	1,312	62	0	719	176
Louisiana State U., Health Sciences Center, New Orleans	122	30,293	0	0	30,293	0	0	0	0	0	0	0
U. Houston	123	29,947	77	0	15,727	200	786	5,403	369	80	6,508	797
Brandeis U.	124	29,938	68	0	19,122	0	1,787	2,086	6,871	0	0	4
U. Montana, Missoula	125	28,138	120	0	20,835	40	4,231	282	60	0	0	2,570
Saint Louis U.	126	27,200	0	0	26,164	7	527	317	0	0	111	74
U. Notre Dame	127	27,117	372	0	10,481	327	10,245	2,195	679	480	2,078	260
SUNY, Downstate Medical Center	128	26,100	0	0	26,100	0	0	0	0	0	0	0
U. California, Riverside	129	25,939	76	468	16,446	926	3,246	2,214	193	671	1,584	115
U. Nevada, Reno	130	25,643	0	0	19,354	8	894	3,294	102	0	1,709	282
U. Nebraska, Lincoln	131	24,842	68	0	11,031	334	4,022	2,026	5,500	0	1,853	8
U. North Texas, Health Science Center	132	23,965	0	0	23,580	0	0	0	385	0	0	0
San Diego State U.	133	23,821	0	0	13,846	11	1,332	8,105	49	0	0	478
Montana State U., Bozeman	134	23,631	0	0	17,306	212	2,044	98	65	3,059	771	76
New Jersey Institute of Technology	135	23,247	290	0	19,026	0	197	0	0	0	3,734	0
Oregon State U.	136	22,770	0	0	19,483	147	672	19	199	16	2,234	0
Morehouse School of Medicine	137	22,389	0	0	22,389	0	0	0	0	0	0	0
Howard U.	138	21,044	0	0	14,819	0	3,870	587	148	0	1,064	556

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
SUNY, Upstate Medical U.	139	20,485	0	0	20,485	0	0	0	0	0	0	0
CUNY, Hunter C.	140	19,963	1,524	0	3,753	0	1,725	12,095	47	0	0	819
Boston C.	141	19,255	126	0	10,703	0	4,230	1,845	158	0	0	2,193
U. Texas, Dallas	142	19,176	142	0	11,386	129	1,624	4	0	0	5,740	151
Iowa State U.	143	19,072	84	0	15,589	0	511	1,686	0	371	592	239
Loyola U., Chicago	144	19,039	43	0	17,679	0	352	426	0	0	0	539
Rice U.	145	18,558	222	0	4,571	1,340	1,293	1,400	191	0	9,541	0
U. Louisiana, Lafayette	146	18,429	553	0	16,785	0	38	0	0	859	24	170
U. New Hampshire	147	18,096	0	28	12,322	0	0	1,246	2,880	0	845	775
Van Andel Research Institute	148	17,445	0	0	17,445	0	0	0	0	0	0	0
U. Maryland, Baltimore County	149	17,315	610	186	7,155	10	518	1,097	6,796	0	943	0
U. Rhode Island	150	16,927	0	1,616	12,131	0	0	493	31	1,615	1	1,040
Indiana U.-Purdue U., Indianapolis	151	16,837	276	0	9,064	0	307	3,344	1,550	812	1,195	289
U. California, Santa Barbara	152	16,583	0	233	8,220	0	4,252	2,271	50	0	1,364	193
Meharry Medical C.	153	16,232	0	0	16,232	0	0	0	0	0	0	0
Uniformed Services U. of the Health Sciences	154	15,945	0	0	15,945	0	0	0	0	0	0	0
Kansas State U.	155	15,776	0	0	10,079	0	1,793	2,574	0	793	435	102
Illinois Institute of Technology	156	15,297	0	0	9,382	0	3	0	0	0	5,912	0
U. Central Florida	157	15,037	348	0	8,908	0	514	220	2,321	0	1,907	819
Mississippi State U.	158	14,938	0	0	3,141	0	273	294	7,257	0	3,662	311
U. Texas, El Paso	159	14,492	0	0	8,520	741	1,876	1,365	956	0	646	388
U. Denver	160	14,344	0	0	2,014	0	1,822	3,460	0	0	401	6,647
U. Toledo	161	13,540	0	378	11,679	0	1,280	0	0	0	127	76
Auburn U., Auburn	162	13,272	0	27	8,643	0	11	235	2,686	293	1,374	3
U. Wyoming	163	12,834	0	0	12,065	579	44	42	33	0	0	71
Loma Linda U.	164	12,700	0	0	12,700	0	0	0	0	0	0	0
U. North Dakota	165	12,562	0	0	12,042	0	182	144	0	0	194	0
U. Texas, San Antonio	166	12,526	60	0	8,788	0	1,026	568	488	0	1,339	257
Portland State U.	167	12,465	0	0	8,172	112	1,524	730	223	0	0	1,704
U. South Alabama	168	12,062	0	55	11,861	11	29	0	3	0	103	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Clemson U.	169	11,826	0	0	5,120	0	1,010	31	59	0	5,429	177
Louisiana State U., Health Sciences Center, Shreveport	170	11,750	0	0	11,750	0	0	0	0	0	0	0
Albany Medical C.	171	11,475	0	0	11,475	0	0	0	0	0	0	0
East Carolina U.	172	11,312	0	0	10,910	0	333	0	0	0	0	69
U. Massachusetts, Boston	173	10,825	230	0	3,673	0	550	1,918	1,200	0	0	3,254
Rensselaer Polytechnic Institute	174	10,402	458	0	2,400	117	600	17	0	0	5,292	1,518
Texas Tech U., Health Sciences Center	175	10,354	0	0	10,354	0	0	0	0	0	0	0
New York Medical C.	176	10,218	0	0	10,218	0	0	0	0	0	0	0
CUNY, City C.	177	10,196	0	0	4,118	0	1,740	735	0	0	3,603	0
Northeast Ohio Medical U.	178	9,842	0	0	9,842	0	0	0	0	0	0	0
Syracuse U.	179	9,712	230	0	2,768	26	1,201	1,952	778	0	276	2,481
U. Massachusetts, Lowell	180	9,669	1,912	0	3,509	0	116	86	1,025	0	2,997	24
San Francisco State U.	181	9,636	93	0	6,909	0	119	302	1,214	936	0	63
California State U., Long Beach	182	9,460	69	0	4,099	22	2,238	1,189	381	203	1,110	149
U. Idaho	183	9,409	31	0	5,962	67	0	0	0	2,221	280	848
U. Nevada, Las Vegas	184	9,385	0	0	7,339	0	1,134	401	66	26	195	224
Northern Arizona U.	185	9,199	0	0	8,499	0	220	0	335	0	97	48
U. North Carolina, Greensboro	186	9,083	0	0	4,578	0	2,610	974	248	0	0	673
California State U., Northridge	187	9,004	0	128	6,641	0	785	333	252	649	17	199
Charles R. Drew U. of Medicine and Science	188	8,952	0	0	8,952	0	0	0	0	0	0	0
Oklahoma State U., Stillwater	189	8,598	0	0	5,348	0	534	2,284	41	5	268	118
U. South Dakota	190	8,531	0	0	8,419	0	0	66	0	0	41	5
North Carolina Central U.	191	8,486	0	0	7,896	0	4	0	87	0	423	76
Ponce Health Sciences U.	192	8,339	0	0	8,339	0	0	0	0	0	0	0
North Dakota State U.	193	8,301	40	17	6,194	0	850	996	196	0	0	8
SUNY, Binghamton U.	194	8,251	17	0	1,551	0	1,294	4,224	0	0	909	256
George Mason U.	195	8,138	17	6	5,494	21	25	592	379	0	1,274	330
Marquette U.	196	8,115	0	0	4,996	188	796	363	0	0	1,593	179
Florida Atlantic U.	197	7,898	199	0	5,020	0	575	1,278	55	0	741	30

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Rosalind Franklin U. of Medicine and Science	198	7,840	0	0	7,742	0	0	98	0	0	0	0
U. Wisconsin-Milwaukee	199	7,802	0	376	3,058	0	426	2,848	1,003	0	91	0
Wright State U.	200	7,619	466	0	6,958	0	110	0	0	0	85	0
Eastern Virginia Medical School	201	7,532	0	0	7,532	0	0	0	0	0	0	0
U. Memphis	202	7,499	1,817	0	3,453	0	223	667	3	0	803	533
New Mexico State U.	203	7,312	0	0	3,128	0	3,738	196	3	1	235	11
U. Tennessee, Knoxville	204	7,307	24	0	3,857	29	564	766	345	172	1,006	544
U. Texas, Arlington	205	7,258	10	360	3,748	0	640	105	0	0	2,201	194
U. Texas Rio Grande Valley	206	7,235	0	0	6,898	0	149	22	21	0	134	11
Rutgers, State U. New Jersey, Newark	207	7,186	127	0	5,356	0	176	989	4	0	0	534
Utah State U.	208	7,018	0	0	4,032	44	655	1,583	465	0	239	0
East Tennessee State U.	209	6,822	0	0	6,659	0	0	161	0	0	2	0
U. Missouri, Kansas City	210	6,761	0	0	6,386	0	107	163	0	0	0	105
Marshall U.	211	6,683	0	0	6,645	0	0	0	0	0	0	38
Xavier U. Louisiana	212	6,501	351	0	1,837	0	4,201	47	0	0	4	61
Rowan U.	213	6,444	0	0	6,029	0	39	194	0	0	182	0
Old Dominion U.	214	6,250	167	0	2,815	59	409	556	480	0	1,276	488
U. Alabama, Tuscaloosa	215	6,158	0	0	1,736	0	234	898	332	0	1,002	1,956
Southern Illinois U., Carbondale	216	6,153	0	0	5,595	0	379	13	0	157	9	0
Creighton U.	217	6,102	33	0	5,691	18	158	92	63	0	0	47
Brigham Young U., Provo	218	5,960	0	0	2,581	0	1,521	235	136	0	1,487	0
U. North Carolina, Charlotte	219	5,764	1,731	63	2,085	92	1,117	5	31	0	163	477
Kent State U.	220	5,638	0	0	2,341	0	200	2,168	427	0	477	25
U. Texas Health Science Center, Tyler	221	5,626	0	0	5,626	0	0	0	0	0	0	0
U. Southern Mississippi	222	5,610	201	2	5,033	0	171	0	78	0	0	125
U. Alaska, Fairbanks	223	5,605	0	0	2,660	400	0	0	480	2,059	0	6
Texas Tech U.	224	5,474	0	0	1,636	17	1,681	295	0	0	1,829	16
Lehigh U.	225	5,253	18	0	1,926	0	1,017	347	0	0	1,469	476
Florida A&M U.	226	4,979	0	0	4,815	0	0	164	0	0	0	0



TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
CUNY, Graduate School of Public Health and Health Policy	227	4,898	0	0	3,259	0	0	1,639	0	0	0	0
U. Detroit Mercy	228	4,844	0	0	4,695	0	0	121	0	0	0	28
Worcester Polytechnic Institute	229	4,692	598	0	483	0	1,403	0	0	0	2,132	76
Delaware State U.	230	4,583	0	0	3,914	58	0	0	0	0	589	22
U. Puerto Rico, Rio Piedras	231	4,534	0	0	1,318	0	153	13	25	2,796	0	229
Wichita State U.	232	4,494	0	0	1,947	0	333	178	0	0	0	2,036
Alabama A&M U.	233	4,353	20	0	3,822	11	156	126	88	0	67	63
Jackson State U.	234	4,343	0	1,794	856	0	1,032	69	0	592	0	0
Boise State U.	235	4,339	0	70	2,928	38	207	177	531	0	366	22
U. Arkansas, Fayetteville	236	4,251	0	44	1,017	19	977	28	11	0	891	1,264
U. California, Merced	237	4,211	0	0	3,314	213	595	0	89	0	0	0
Ohio U.	238	4,030	0	0	3,502	0	105	212	19	0	192	0
Rochester Institute of Technology	239	3,991	177	0	433	31	237	11	0	0	1,715	1,387
Oakland U.	240	3,984	0	0	2,871	0	959	154	0	0	0	0
California State U., Los Angeles	241	3,804	0	0	700	0	3,052	0	0	0	0	52
U. New England	242	3,633	0	0	3,633	0	0	0	0	0	0	0
Morgan State U.	243	3,621	0	0	3,620	0	0	0	0	0	0	1
U. Missouri, Saint Louis	244	3,574	0	0	2,407	135	761	81	190	0	0	0
Texas State U.	245	3,518	0	0	1,257	0	545	138	1,335	18	2	223
MGH Institute of Health Professions	246	3,494	0	0	3,494	0	0	0	0	0	0	0
U. Nebraska, Omaha	246	3,494	195	0	2,483	82	130	323	173	0	2	106
American U.	248	3,427	0	0	249	11	80	1,084	1,847	156	0	0
California State U., San Marcos	249	3,390	68	0	610	694	118	452	429	538	0	481
Tuskegee U.	250	3,325	0	0	1,515	0	0	0	1,810	0	0	0
South Dakota State U.	251	3,309	0	118	2,176	0	961	15	9	0	0	30
U. Alaska, Anchorage	252	3,255	101	0	2,268	0	0	177	318	32	0	359
Miami U.	253	3,214	0	0	2,445	48	14	337	12	0	58	300

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
CUNY, Brooklyn C.	254	3,064	0	1	1,140	0	1,027	896	0	0	0	0
Nova Southeastern U.	255	3,001	0	5	2,942	0	0	0	0	0	0	54
Chapman U.	256	2,974	0	0	2,853	0	121	0	0	0	0	0
CUNY, Advanced Science Research Center	257	2,886	0	0	2,610	0	0	0	0	0	276	0
Colorado School of Mines	258	2,878	0	0	161	0	209	0	0	0	2,372	136
CUNY, Queens C.	259	2,838	0	0	1,571	0	57	1,187	23	0	0	0
U. North Texas, Denton	260	2,744	360	0	665	70	522	661	75	0	391	0
Clark Atlanta U.	261	2,743	0	0	2,604	0	0	0	0	0	0	139
U. Central del Caribe	262	2,705	0	0	2,705	0	0	0	0	0	0	0
Michigan Technological U.	263	2,704	0	0	1,238	89	203	89	0	0	1,085	0
Hampton U.	264	2,701	0	0	807	0	0	0	1,604	0	93	197
Southern Methodist U.	265	2,579	0	0	1,283	193	297	481	0	0	50	275
Western U. of Health Sciences	266	2,431	0	0	1,969	0	0	0	0	0	0	462
Duquesne U.	267	2,392	0	0	1,895	27	291	0	0	0	179	0
Pacific U.	268	2,338	0	0	2,338	0	0	0	0	0	0	0
U. Maine	269	2,336	97	0	1,194	0	282	32	275	0	331	125
Western Michigan U. and Homer Stryker M.D. School of Medicine	270	2,327	0	0	1,314	0	0	29	0	0	169	815
DePaul U.	271	2,301	0	0	250	0	0	2,041	10	0	0	0
U. Southern Maine	272	2,232	0	0	14	0	11	0	2,207	0	0	0
Catholic U. of America	273	2,222	0	0	1,517	0	28	29	0	0	567	81
Baylor U.	274	2,142	0	120	1,423	0	416	143	0	0	0	40
U. Guam	275	2,079	0	0	1,824	0	0	0	255	0	0	0
California Polytechnic State U., San Luis Obispo	276	2,016	2	0	1,929	40	0	0	39	0	6	0
San Jose State U.	277	2,009	0	0	678	0	1,042	0	0	0	181	108
California State U., Fullerton	278	1,969	0	0	1,403	0	0	59	0	412	0	95
William & Mary	279	1,890	0	538	525	0	576	89	0	0	0	162
Texas Southern U.	280	1,851	0	0	1,851	0	0	0	0	0	0	0
Fordham U.	281	1,826	0	0	515	0	0	1,081	16	0	0	214
SUNY, C. of Optometry	282	1,823	0	0	1,823	0	0	0	0	0	0	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Texas Tech U., Health Sciences Center, El Paso	283	1,772	0	0	1,731	0	0	0	0	0	0	41
U. North Florida	284	1,727	0	0	111	0	0	0	10	0	17	1,589
Albany C. of Pharmacy and Health Sciences	285	1,692	0	0	1,690	0	0	0	0	0	0	2
Woods Hole Oceanographic Institution	286	1,659	0	1,659	0	0	0	0	0	0	0	0
Stevens Institute of Technology	287	1,624	433	0	0	0	0	0	0	0	1,191	0
Mercer U.	288	1,617	0	0	1,617	0	0	0	0	0	0	0
U. Tennessee, Knoxville, Institute of Agriculture	289	1,606	0	0	1,521	0	0	0	0	0	85	0
Central Michigan U.	290	1,599	0	0	1,188	0	0	216	54	141	0	0
Gallaudet U.	291	1,551	303	0	340	0	0	0	0	0	0	908
Illinois State U.	292	1,528	0	0	1,358	0	0	0	124	0	0	46
Morehouse C.	293	1,514	0	0	14	171	1,085	0	0	244	0	0
Touro U.	294	1,497	0	0	1,497	0	0	0	0	0	0	0
Long Island U.	295	1,449	0	0	1,352	0	0	41	0	0	0	56
Tougaloo C.	296	1,444	0	0	1,444	0	0	0	0	0	0	0
Wellesley C.	296	1,444	0	0	900	0	139	0	405	0	0	0
New York Institute of Technology	298	1,406	10	0	1,183	0	0	0	0	0	213	0
U. Louisiana, Monroe	299	1,376	0	0	1,328	0	48	0	0	0	0	0
Rhode Island C.	300	1,368	0	0	427	0	10	17	19	0	0	895
Northeastern Illinois U.	301	1,367	0	0	1,308	0	0	0	0	0	0	59
SUNY, Polytechnic Institute	302	1,359	0	0	1,359	0	0	0	0	0	0	0
U. of the Pacific	303	1,357	0	0	656	0	0	0	0	701	0	0
Bowling Green State U.	304	1,321	0	76	356	0	138	0	751	0	0	0
Southern Illinois U., Edwardsville	305	1,299	0	0	1,171	0	62	0	0	0	0	66
St. John's U., New York	306	1,282	0	0	1,260	0	0	22	0	0	0	0
Saginaw Valley State U.	307	1,278	0	0	1,278	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	308	1,271	66	0	785	0	61	0	0	0	143	216

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. of the Sciences Philadelphia	309	1,266	0	0	797	0	469	0	0	0	0	0
U. Puerto Rico, Mayaguez	310	1,209	0	8	512	0	243	0	9	0	437	0
Texas Christian U.	311	1,153	0	0	844	0	80	45	157	0	0	27
Western Kentucky U.	312	1,136	0	0	888	0	82	140	0	0	0	26
South Carolina State U.	313	1,133	0	0	1,133	0	0	0	0	0	0	0
Eastern Michigan U.	314	1,110	0	0	1,092	0	0	0	18	0	0	0
Palmer C. of Chiropractic, Davenport	315	1,100	0	0	1,100	0	0	0	0	0	0	0
Winston-Salem State U.	316	1,092	0	0	650	45	320	0	0	0	0	77
Barnard C.	317	1,087	0	0	316	0	125	646	0	0	0	0
New Jersey City U.	318	1,075	0	0	65	0	0	200	0	0	0	810
Tennessee State U.	319	1,069	0	0	1,069	0	0	0	0	0	0	0
Northwest Indian C.	320	1,054	0	0	0	0	0	0	1,054	0	0	0
U. Richmond	321	1,049	0	0	525	0	0	0	524	0	0	0
CUNY, John Jay C. of Criminal Justice	322	1,036	0	0	114	0	187	365	12	0	0	358
Ball State U.	323	1,026	0	0	797	0	74	0	152	0	0	3
Smith C.	324	1,018	124	0	400	41	51	275	0	0	127	0
U. Akron	325	1,006	0	0	185	0	474	0	4	0	343	0
Texas A&M U.-Kingsville	326	1,003	0	0	813	0	83	107	0	0	0	0
U. Colorado Colorado Springs	327	940	0	0	284	0	0	332	0	7	222	95
New England C. of Optometry	328	928	0	0	928	0	0	0	0	0	0	0
Montclair State U.	329	921	0	0	803	0	0	70	0	0	0	48
Northern Kentucky U.	329	921	0	0	408	0	158	354	0	0	0	1
California State Polytechnic U., Pomona	331	915	0	0	915	0	0	0	0	0	0	0
CUNY, Graduate Center	332	903	0	0	0	0	60	0	843	0	0	0
Kennesaw State U.	333	899	0	0	576	0	323	0	0	0	0	0
Keck Graduate Institute	334	869	4	0	723	2	0	0	0	0	137	3
Northern Illinois U.	335	868	126	0	226	0	187	57	0	0	0	272
U. Puerto Rico, Cayey	336	861	0	0	0	0	83	0	0	778	0	0
Morehead State U.	337	860	0	0	601	0	0	109	0	0	0	150

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields											
U. North Carolina, Wilmington	338	854	0	0	355	13	79	285	0	0	0	122											
Idaho State U.	339	851	0	0	566	0	0	285	0	0	0	0											
U. Oklahoma, Tulsa	340	819	0	0	496	0	0	0	0	0	0	323											
Georgia Southern U.	341	818	0	0	808	2	0	0	8	0	0	0											
Seton Hall U.	342	810	0	0	810	0	0	0	0	0	0	0											
CUNY, York C.	343	807	0	64	268	0	336	42	0	0	89	8											
Oklahoma State U., Center for Health Sciences	344	803	0	0	764	0	0	39	0	0	0	0											
U. Baltimore	345	794	0	0	0	0	0	0	794	0	0	0											
Hawaii Pacific U.	346	790	0	0	449	0	0	0	341	0	0	0											
California State U., Fresno	347	777	0	0	174	0	523	80	0	0	0	0											
Midwestern U.	348	769	0	0	769	0	0	0	0	0	0	0											
Keene State C.	349	765	0	0	391	0	0	0	0	374	0	0											
Grand Valley State U.	350	761	0	12	597	0	152	0	0	0	0	0											
National U. of Natural Medicine	351	760	0	0	760	0	0	0	0	0	0	0											
Claremont Graduate U.	352	753	35	0	0	0	0	401	317	0	0	0											
Middlebury C.	353	741	26	0	277	0	233	205	0	0	0	0											
U. Central Arkansas	353	741	201	0	167	0	332	0	0	39	0	2											
Fayetteville State U.	355	739	0	0	739	0	0	0	0	0	0	0											
Dine C.	356	736	0	0	736	0	0	0	0	0	0	0											
Texas A&M U.-Corpus Christi	357	732	0	0	146	0	0	0	0	0	0	586											
Edward Via C. of Osteopathic Medicine	358	719	0	0	719	0	0	0	0	0	0	0											
Wesleyan U.	359	711	0	0	459	0	115	137	0	0	0	0											
Des Moines U.	360	697	0	0	657	0	0	0	0	0	0	40											
Salus U.	361	696	0	0	696	0	0	0	0	0	0	0											
U. Alabama, Huntsville	361	696	20	0	386	0	118	0	0	0	172	0											
U. South Florida, Saint Petersburg	361	696	0	0	0	0	0	690	0	0	0	6											
James Madison U.	364	695	0	0	292	0	0	0	4	0	0	399											
U. Wisconsin-Oshkosh	365	682	i	3	i	1	i	606	i	2	i	18	i	18	i	14	i	0	i	11	i	9	i
Mount Holyoke C.	366	655	0	0	0	323	127	182	23	0	0	0											

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Salish Kootenai C.	367	653	0	0	0	0	553	0	0	0	0	100
Lamar U.	368	646	26	0	119	0	37	0	0	0	0	464
U. of the Virgin Islands	369	634	0	0	143	0	0	0	0	0	0	491
Florida Institute of Technology	370	629	0	0	205	0	57	367	0	0	0	0
U. Central Oklahoma	371	622	0	0	55	0	567	0	0	0	0	0
Clark U.	372	615	0	0	541	0	0	0	74	0	0	0
Arkansas State U., Jonesboro	373	614	111	0	297	0	188	18	0	0	0	0
Bates C.	373	614	0	0	451	0	106	40	17	0	0	0
Loyola Marymount U.	375	606	0	0	38	0	132	436	0	0	0	0
Teachers C., Columbia U.	375	606	0	0	517	0	0	89	0	0	0	0
California State U., Dominguez Hills	377	604	0	0	0	1	603	0	0	0	0	0
U. Wisconsin-Stevens Point	378	592 i	3 i	1 i	505 i	1 i	17 i	16 i	11 i	0 i	30 i	8 i
CUNY, Medgar Evers C.	379	589	0	0	589	0	0	0	0	0	0	0
Dillard U.	380	578	0	0	513	0	0	0	65	0	0	0
CUNY, Lehman C.	381	565	0	0	0	0	0	0	0	0	0	565
Western Carolina U.	382	562	0	0	482	0	0	0	0	0	0	80
U. Arkansas, Little Rock	383	559	440	0	53	0	66	0	0	0	0	0
U. Nebraska, Kearney	384	557	0	0	386	0	130	19	22	0	0	0
U. North Carolina, Asheville	385	556	70	0	486	0	0	0	0	0	0	0
Amherst C.	386	553	0	0	553	0	0	0	0	0	0	0
Augustana U.	386	553	0	0	412	0	141	0	0	0	0	0
U. Hawaii, Hilo	388	545	0	0	545	0	0	0	0	0	0	0
U. Northern Iowa	389	538	0	0	0	0	0	0	538	0	0	0
Furman U.	390	537	9	0	271	0	97	160	0	0	0	0
California State U., San Bernardino	391	533	0	0	373	0	0	160	0	0	0	0
Milwaukee School of Engineering	392	531	0	0	0	0	69	0	0	0	462	0
Alabama State U.	393	530	0	0	530	0	0	0	0	0	0	0
Trinity C., Hartford	393	530	0	0	478	0	0	0	52	0	0	0
Murray State U.	395	527	0	0	428	0	67	0	0	0	0	32

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Clarkson U.	396	514	0	0	386	0	0	0	0	0	100	28
Spelman C.	397	512	0	0	104	0	38	370	0	0	0	0
Trinity U.	398	503	0	0	95	0	187	221	0	0	0	0
C. Charleston	399	498	0	0	174	0	72	0	0	217	0	35
New Mexico Institute of Mining and Technology	400	495	0	0	45	0	450	0	0	0	0	0
Mercyhurst U.	401	493 i	3 i	0 i	461 i	1 i	12 i	7 i	6 i	0 i	0 i	3 i
Montana Technological U.	402	490	0	0	399	0	0	0	0	0	91	0
U. Northern Colorado	402	490	0	0	240	88	0	162	0	0	0	0
CUNY, New York City C. of Technology	404	487	0	0	487	0	0	0	0	0	0	0
Bowdoin C.	405	483	0	0	483	0	0	0	0	0	0	0
CUNY, C. Staten Island	406	467	0	0	116	0	282	69	0	0	0	0
Western Washington U.	407	466	0	0	90	0	284	92	0	0	0	0
Clafin U.	408	465	0	0	298	0	167	0	0	0	0	0
Franklin and Marshall C.	409	464	0	0	193	110	161	0	0	0	0	0
Winthrop U.	410	458	0	0	358	0	100	0	0	0	0	0
Providence C.	411	457	0	0	333	0	13	111	0	0	0	0
Texas Woman's U.	412	450	0	0	392	0	0	58	0	0	0	0
Salisbury U.	413	446	0	0	0	0	70	0	0	0	0	376
A. T. Still U.	414	434	0	0	434	0	0	0	0	0	0	0
Black Hills State U.	414	434	0	0	434	0	0	0	0	0	0	0
U. San Diego	416	432	0	0	16	0	230	186	0	0	0	0
U. Washington, Tacoma	417	429	267	0	143	0	0	0	0	0	0	19
Fisk U.	418	416	0	0	274	0	0	0	0	0	0	142
Santa Clara U.	419	414	0	0	251	0	151	12	0	0	0	0
Biola U.	420	409 i	2 i	0 i	379 i	1 i	10 i	6 i	3 i	0 i	5 i	3 i
U. Wisconsin-Green Bay	421	407 i	2 i	1 i	356 i	1 i	15 i	12 i	7 i	0 i	8 i	5 i
Whitman C.	422	403	0	0	242	0	161	0	0	0	0	0
Missouri U. of Science and Technology	423	393	0	0	88	0	71	0	0	0	234	0
California State U., Chico	424	388	0	3	272	0	0	0	113	0	0	0
U. Puerto Rico, Humacao	424	388	0	0	284	0	104	0	0	0	0	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Liberty U.	426	385	0	0	385	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	427	369	0	0	369	0	0	0	0	0	0	0
Savannah State U.	428	368	0	0	265	0	0	0	0	0	103	0
U. West Florida	429	359	0	0	7	0	204	0	0	0	0	148
Southern Connecticut State U.	430	358	0	0	144	0	0	170	0	0	0	44
Pace U.	431	357	0	0	357	0	0	0	0	0	0	0
U. South Carolina, Aiken	432	355	0	0	241	0	0	0	0	0	0	114
Skidmore C.	433	348	0	0	101	7	0	240	0	0	0	0
Swarthmore C.	434	346	0	0	1	0	164	0	75	0	0	106
U. Massachusetts, Dartmouth	434	346	0	0	0	0	152	0	0	0	194	0
Rutgers, State U. New Jersey, Camden	436	344	344	0	0	0	0	0	0	0	0	0
Davidson C.	437	325	0	0	24	0	157	144	0	0	0	0
Colby C.	438	324	9	0	257	0	51	7	0	0	0	0
Southern U. and A&M C., Baton Rouge	438	324	0	0	191	0	73	0	0	0	60	0
Reed C.	440	321	0	0	315	0	6	0	0	0	0	0
Louisiana Tech U.	441	315	0	0	152	0	0	0	0	0	163	0
California State U., Bakersfield	442	313	0	0	0	0	313	0	0	0	0	0
Coastal Carolina U.	443	302	0	0	220	0	0	82	0	0	0	0
Bucknell U.	444	290	0	0	135	0	35	41	0	0	79	0
Lafayette C.	445	286	0	0	67	0	120	99	0	0	0	0
Toyota Technological Institute, Chicago	446	275	275	0	0	0	0	0	0	0	0	0
Marshall B. Ketchum U.	447	272	0	0	272	0	0	0	0	0	0	0
U. Minnesota, Duluth	448	270	0	0	202	0	0	0	0	0	68	0
U. Texas, Tyler	448	270	0	0	270	0	0	0	0	0	0	0
SUNY, Geneseo	450	269	0	0	148	0	0	121	0	0	0	0
Fort Lewis C.	451	255	0	0	255	0	0	0	0	0	0	0
U. Michigan, Dearborn	452	251	0	0	99	0	0	0	0	0	152	0
Doane U.	453	250	0	0	250	0	0	0	0	0	0	0
Bryn Mawr C.	454	247	0	0	44	0	136	67	0	0	0	0



TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Colgate U.	455	238	0	0	147	0	91	0	0	0	0	0
Southeastern Louisiana U.	456	234	16	0	218	0	0	0	0	0	0	0
SUNY, Buffalo State	456	234	0	0	39	0	0	33	145	0	0	17
Grambling State U.	458	231	0	0	0	82	0	0	0	0	0	149
Bowie State U.	459	227	0	0	0	0	0	0	0	0	0	227
U. Massachusetts, central office	460	223	0	0	182	0	0	0	41	0	0	0
U. Tulsa	461	221	147	0	0	0	0	31	0	0	43	0
Towson U.	462	219	0	0	219	0	0	0	0	0	0	0
Eastern Washington U.	463	216	0	0	203	0	13	0	0	0	0	0
Wheaton C., Wheaton	464	211	0	0	137	0	74	0	0	0	0	0
Saint Michael's C.	465	202	0	0	72	0	0	130	0	0	0	0
U. California, Office of the President	465	202	0	0	202	0	0	0	0	0	0	0
Roger Williams U.	467	201	0	111	90	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	468	199	0	0	177	0	0	22	0	0	0	0
Indiana U. Pennsylvania	469	195	0	0	0	0	0	0	159	0	0	36
Middle Tennessee State U.	469	195	0	0	195	0	0	0	0	0	0	0
Missouri State U.	469	195	0	0	104	0	0	0	91	0	0	0
Villanova U.	472	194	0	0	0	0	0	76	0	0	118	0
West Virginia State U.	472	194	0	0	160	0	0	0	0	0	34	0
U. Wisconsin-Eau Claire	474	193	0	0	0	0	51	142	0	0	0	0
Appalachian State U.	475	184	0	0	102	0	51	31	0	0	0	0
South Dakota School of Mines and Technology	475	184	0	0	0	0	0	0	0	0	184	0
Desert Research Institute	477	177	0	177	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Gurabo	478	176	0	0	176	0	0	0	0	0	0	0
Prairie View A&M U.	479	171	0	0	0	0	80	0	0	0	91	0
Williams C.	480	168	0	0	168	0	0	0	0	0	0	0
Albany State U.	481	166	0	0	166	0	0	0	0	0	0	0
Pittsburg State U.	482	160	0	0	132	0	28	0	0	0	0	0
Northern Michigan U.	483	159	0	0	150	0	0	9	0	0	0	0
Lewis and Clark C.	484	157	0	0	157	0	0	0	0	0	0	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Arkansas, Pine Bluff	485	156	0	0	142	0	14	0	0	0	0	0
Eastern Kentucky U.	486	155	0	0	155	0	0	0	0	0	0	0
West Chester U. Pennsylvania	486	155	0	0	126	18	0	0	0	0	0	11
U. Washington, Bothell	488	152	0	0	152	0	0	0	0	0	0	0
Tennessee Technological U.	489	150	0	0	3	0	0	0	0	0	147	0
Carleton C.	490	145	0	0	0	0	0	145	0	0	0	0
Yeshiva U.	490	145	0	0	145	0	0	0	0	0	0	0
U. Dayton	492	141	0	0	141	0	0	0	0	0	0	0
U. Houston-Clear Lake	493	140	0	0	0	0	0	140	0	0	0	0
U.S. Air Force Academy	493	140	0	0	140	0	0	0	0	0	0	0
Bethune-Cookman U.	495	133	0	0	133	0	0	0	0	0	0	0
Haverford C.	495	133	0	0	133	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	497	130	0	0	130	0	0	0	0	0	0	0
Canisius C.	498	126	0	0	0	0	0	0	0	126	0	0
Connecticut C.	498	126	24	0	11	0	36	0	55	0	0	0
Florida Gulf Coast U.	500	124	0	73	51	0	0	0	0	0	0	0
Calvin U.	501	119	0	0	67	0	52	0	0	0	0	0
Dickinson C.	502	116	0	0	84	0	0	0	0	0	0	32
Erikson Institute	503	114	0	0	0	0	0	0	0	0	0	114
U. Wisconsin-La Crosse	504	113	0	0	113	0	0	0	0	0	0	0
Alaska Pacific U.	505	112	0	0	112	0	0	0	0	0	0	0
California State U., Sacramento	506	111	0	0	9	0	102	0	0	0	0	0
Benedict C.	507	109	30	0	79	0	0	0	0	0	0	0
Drake U.	507	109	0	0	0	0	9	0	0	0	0	100
Saint Joseph's U.	509	104	0	0	104	0	0	0	0	0	0	0
Texas A&M International U.	510	102	0	0	102	0	0	0	0	0	0	0
CUNY, Baruch C.	511	101	0	0	0	0	0	0	0	101	0	0
Fort Hays State U.	512	99	0	0	67	0	32	0	0	0	0	0
Chicago State U.	513	98	0	0	0	0	98	0	0	0	0	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Ana G. Mendez, Cupey	513	98	0	0	98	0	0	0	0	0	0	0
U. Wisconsin-Superior	515	97	0	0	97	0	0	0	0	0	0	0
William Paterson U.	515	97	0	0	0	0	0	0	97	0	0	0
Pepperdine U.	517	96	0	0	0	0	0	79	17	0	0	0
Seattle U.	517	96	0	0	0	96	0	0	0	0	0	0
Kenyon C.	519	95	0	0	95	0	0	0	0	0	0	0
Oregon Institute of Technology	520	93 i	0 i	0 i	84 i	0 i	0 i	6 i	0 i	0 i	0 i	3 i
Occidental C.	521	87	0	0	0	0	87	0	0	0	0	0
Pomona C.	522	86	41	0	23	0	22	0	0	0	0	0
U. New Orleans	523	85	0	0	62	0	23	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	524	84	0	0	84	0	0	0	0	0	0	0
U. Alaska, Southeast	524	84	0	0	84	0	0	0	0	0	0	0
Alcorn State U.	526	81	0	0	81	0	0	0	0	0	0	0
C. Wooster	527	77	0	0	77	0	0	0	0	0	0	0
Elon U.	528	76	0	0	0	0	0	76	0	0	0	0
Purdue U., Fort Wayne	529	71	0	0	0	0	0	71	0	0	0	0
Purdue U., Northwest	529	71	0	0	71	0	0	0	0	0	0	0
Claremont McKenna C.	531	70	0	0	70	0	0	0	0	0	0	0
Macalester C.	532	69	0	0	60	0	9	0	0	0	0	0
Youngstown State U.	533	68	0	0	0	0	32	0	36	0	0	0
Niagara U.	534	65	0	0	0	0	0	0	65	0	0	0
Harvey Mudd C.	535	62	0	0	0	0	0	0	0	0	62	0
California State U., Monterey Bay	536	60	0	0	0	0	0	0	60	0	0	0
Sam Houston State U.	536	60	0	0	0	0	0	60	0	0	0	0
SUNY, Oswego	538	58	14	0	0	0	0	0	0	0	44	0
U. of the Incarnate Word	539	56	0	0	56	0	0	0	0	0	0	0
Christopher Newport U.	540	55	0	0	55	0	0	0	0	0	0	0
Manhattan C.	540	55	0	0	0	0	55	0	0	0	0	0
Indiana State U.	542	52	0	0	52	0	0	0	0	0	0	0
Stockton U.	543	50	0	0	50	0	0	0	0	0	0	0

TABLE 61  
 Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
SUNY, C. Brockport	544	44	0	0	44	0	0	0	0	0	0	0
Hofstra U.	545	43	0	0	43	0	0	0	0	0	0	0
Emerson C.	546	42	0	0	42	0	0	0	0	0	0	0
U.S. Army War C.	546	42 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	42 i
Rider U.	548	39	0	0	39	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	549	36	0	0	18	0	0	18	0	0	0	0
Stephen F. Austin State U.	549	36	0	0	1	0	0	0	0	0	0	35
U. Tennessee, Chattanooga	549	36	0	0	0	0	0	0	0	0	36	0
Langston U.	552	35	0	0	32	0	0	0	0	0	0	3
U. Wisconsin-Platteville	552	35 i	0 i	0 i	15 i	0 i	10 i	4 i	3 i	0 i	1 i	2 i
Augsburg U.	554	34	0	0	34	0	0	0	0	0	0	0
Northwestern State U. Louisiana	554	34	0	0	34	0	0	0	0	0	0	0
Hope C.	556	26	0	0	26	0	0	0	0	0	0	0
Bradley U.	557	23	0	0	23	0	0	0	0	0	0	0
U. of the District of Columbia	558	22	0	0	0	0	0	22	0	0	0	0
Vassar C.	559	20	0	0	0	0	0	20	0	0	0	0
U. San Francisco	560	19	0	0	19	0	0	0	0	0	0	0
Roseman U. of Health Sciences	561	17 i	0 i	0 i	17 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Willamette U.	562	16	0	0	0	0	0	16	0	0	0	0
U. New Haven	563	14	0	0	14	0	0	0	0	0	0	0
Grinnell C.	564	13	0	0	0	0	13	0	0	0	0	0
Virginia State U.	565	12	0	0	12	0	0	0	0	0	0	0
U. Michigan, Flint	566	9	0	0	9	0	0	0	0	0	0	0
Rhode Island School of Design	567	8 i	0 i	0 i	0 i	0 i	0 i	0 i	3 i	0 i	0 i	5 i
Central Washington U.	568	6	0	0	6	0	0	0	0	0	0	0
Central Connecticut State U.	569	5	0	0	5	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	569	5	0	0	5	0	0	0	0	0	0	0
U. of Mary Washington	569	5	0	0	0	0	0	0	0	0	0	5
U. of St. Thomas (MN)	572	4	0	0	0	0	0	4	0	0	0	0

TABLE 61

**Federally financed higher education R&D expenditures, financed by the Department of Health and Human Services, ranked by HHS R&D expenditures, by R&D field: FY 2019**

(Dollars in thousands)

Institution	Rank	HHS R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Lincoln U., Jefferson City	573	2	0	0	2	0	0	0	0	0	0	0
U. Maryland Center for Environmental Science	574	1	0	1	0	0	0	0	0	0	0	0

i = imputed.

HHS = Department of Health and Human Services; nec = not elsewhere classified; S&amp;E = science and engineering.

<sup>a</sup> Johns Hopkins University includes the Applied Physics Laboratory, with 1,757 thousand in R&D expenditures financed by HHS in FY 2019.<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.**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2019 are not listed in this table. 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&D expenditures, see table 6.

**Source(s):**

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