

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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	-	2,698,415	45,218	82,713	1,671,490	7,417	115,915	19,961	129,344	25,444	435,260	165,653
U. California, San Francisco	1	163,362	0	0	159,003	0	4,359	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	2	136,565	0	0	133,946	364	462	1,180	613	0	0	0
Cornell U.	3	124,872	2,748	688	98,424	14	2,580	504	2,843	0	12,452	4,619
U. California, San Diego	4	122,552	2,546	11,400	68,216	284	7,491	1,682	3,639	495	25,622	1,177
New York U.	5	115,342	1,442	231	19,629	456	3,721	705	7,845	0	69,922	11,391
U. Pittsburgh, Pittsburgh	6	114,160	178	67	108,204	54	15	0	347	1,308	3,183	804
U. Arizona	7	104,303	117	4,659	78,515	31	8,872	165	2,576	16	8,161	1,191
Massachusetts Institute of Technology	8	95,876	1,840	1,970	7,555	6	2,459	0	12,703	1,969	60,331	7,043
U. California, Los Angeles	9	77,082	1,809	2,900	46,902	412	6,152	816	3,328	824	11,549	2,390
U. Southern California	10	65,449	1,871	1,639	42,216	196	2,235	999	2,321	0	9,006	4,966
U. California, Davis	11	57,741	555	1,403	45,223	111	1,800	515	1,264	0	6,087	783
Rutgers, State U. New Jersey, New Brunswick	12	57,545	0	9	51,699	0	1,671	118	396	47	1,421	2,184
U. Virginia, Charlottesville	13	57,235	513	268	40,475	77	2,300	0	2,568	320	1,985	8,729
U. Texas Southwestern Medical Center	14	54,920	0	0	54,920	0	0	0	0	0	0	0
U. California, Berkeley	15	49,973	0	254	7,309	12	17,757	33	5,495	2,944	13,859	2,310
U. California, Irvine	16	41,598	3,004	587	25,229	555	2,927	2,183	2,183	71	3,534	1,325
U. Colorado Boulder	17	39,302	99	789	353	0	595	267	147	11	35,051	1,990
Princeton U.	18	37,473	1,805	1,882	8,771	740	4,819	341	10,198	0	4,257	4,660
U. Florida	19	35,985	952	374	28,797	61	570	112	308	0	4,170	641
U. Washington, Seattle	19	35,985	2,207	1,441	24,487	10	417	598	210	0	4,544	2,071
Purdue U., West Lafayette	21	35,801	633	686	13,788	41	723	569	210	372	13,012	5,767
U. Wisconsin-Madison	22	35,619	188	837	19,627	114	1,421	183	982	1,482	6,500	4,285
U. Kentucky	23	29,138	89	69	25,614	16	279	143	153	0	1,225	1,550
Texas A&M U., College Station and Health Science Center	24	26,396	608	2,247	7,547	66	2,303	294	2,487	156	9,972	716
U. Minnesota, Twin Cities	25	25,973	1,929	80	21,364	0	388	60	512	0	1,377	263
U. Cincinnati	26	25,920	0	42	22,384	2	560	1	116	2	804	2,009
California Institute of Technology	27	24,364	927	2,108	4,984	30	4,381	0	0	0	7,020	4,914
Ohio State U.	28	24,360	189	222	20,933	0	184	0	63	313	2,129	327

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Harvard U.	29	23,996	6	1,236	7,381	55	622	14	12,517	0	522	1,643
Arizona State U.	30	23,464	459	3,253	3,222	53	313	253	6,396	2,757	3,085	3,673
Georgetown U.	31	21,985	89	1,276	6,641	0	74	95	6,409	1,053	0	6,348
Duke U.	32	20,166	0	391	17,453	73	260	85	1,080	0	598	226
U. California, Santa Barbara	33	20,161	368	3,374	1,673	14	2,771	60	1,066	535	9,577	723
U. Illinois, Urbana-Champaign	34	19,959	1,139	158	7,181	155	1,867	431	271	9	7,426	1,322
SUNY, U. Buffalo	35	18,857	34	114	16,193	0	35	18	376	0	1,776	311
U. Notre Dame	36	18,384	529	0	2,446	326	869	269	3,188	3,103	2,666	4,988
U. California, Riverside	37	17,590	833	666	10,492	69	1,649	782	362	761	1,811	165
U. North Carolina, Chapel Hill	38	17,409	164	303	14,581	0	780	205	653	2	176	545
U. Nebraska, Medical Center	39	16,074	0	0	16,074	0	0	0	0	0	0	0
West Virginia U.	40	15,781	31	583	10,634	0	198	0	171	3	2,400	1,761
Michigan State U.	41	15,545	235	31	9,884	97	208	894	951	22	1,487	1,736
U. Louisville	42	13,596	35	0	11,047	0	96	124	184	6	739	1,365
U. Texas Health Science Center, Houston	43	13,506	0	0	13,506	0	0	0	0	0	0	0
Oregon State U.	44	12,940	7	453	10,153	10	225	101	560	178	1,253	0
Tulane U.	45	12,449	0	38	11,721	0	38	0	284	0	0	368
SUNY, U. Albany	46	11,983	0	44	11,575	0	73	97	102	0	0	92
U. Georgia	47	11,846	16	392	10,131	1	89	247	248	0	658	64
U. Tennessee, Health Science Center	48	11,088	0	0	10,681	0	0	0	0	407	0	0
U. California, Santa Cruz	49	10,575	258	2,593	874	1	3,340	93	789	0	2,230	397
George Washington U.	50	10,573	0	0	7,452	72	0	51	1,623	87	342	946
South Dakota State U.	51	10,540	0	19	10,249	0	39	0	2	0	231	0
Medical U. South Carolina	52	10,530	0	0	10,530	0	0	0	0	0	0	0
Auburn U., Auburn	53	10,529	307	88	5,604	0	171	0	34	67	2,592	1,666
U. Michigan, Ann Arbor	54	10,465	0	4	4,835	32	239	0	1,427	0	3,574	354
U. Central Florida	55	9,904	2,865	14	4,513	0	223	0	873	0	949	467
U. Nebraska, Lincoln	56	9,752	28	152	7,513	189	101	41	75	0	482	1,171
Van Andel Research Institute	57	9,424	0	0	9,424	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	58	9,195	0	6,406	0	0	0	0	0	0	2,789	0

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U. Colorado Denver and Anschutz Medical Campus	59	9,095	0	0	8,655	0	0	0	107	0	1	332
U. Texas, El Paso	60	8,988	451	447	1,424	104	237	305	1,067	0	2,524	2,429
Louisiana State U., Baton Rouge	61	8,668	85	386	5,937	5	147	46	14	0	778	1,270
U. Arkansas for Medical Sciences	62	8,541	0	0	8,541	0	0	0	0	0	0	0
Wake Forest U.	63	8,404	0	0	7,988	0	0	0	1	0	0	415
Icahn School of Medicine at Mount Sinai	64	8,368	0	0	8,368	0	0	0	0	0	0	0
Yale U.	65	8,216	20	0	7,308	0	310	65	93	0	361	59
U. Missouri, Columbia	66	8,076	164	0	7,001	0	0	83	342	0	111	375
Florida State U.	67	7,875	2	810	696	289	339	60	789	1,548	540	2,802
Thomas Jefferson U.	68	7,716	0	0	7,716	0	0	0	0	0	0	0
Utah State U.	69	7,596	97	17	5,571	3	171	169	64	0	1,484	20
Colorado State U., Fort Collins	70	7,524	166	773	4,898	11	261	7	236	0	1,159	13
Northwestern U.	71	7,481	0	0	5,462	0	264	0	593	75	175	912
U. Illinois, Chicago	72	7,465	283	0	5,280	39	78	26	220	110	904	525
Stanford U.	73	7,337	0	643	2,186	0	1,897	0	134	0	2,324	153
U. Massachusetts, Medical School	74	7,085	0	0	7,085	0	0	0	0	0	0	0
Temple U.	75	7,053	170	0	6,653	0	106	1	13	0	0	110
Carnegie Mellon U.	76	7,007	3,316	0	524	181	12	176	849	350	1,599	0
U. Texas, Austin	77	6,374	37	584	1,038	307	261	374	892	7	1,768	1,106
Medical C. Wisconsin	78	6,357	0	0	6,357	0	0	0	0	0	0	0
U. Connecticut	79	6,197	0	22	5,636	0	194	127	9	0	209	0
North Dakota State U.	80	5,981	0	24	5,333	0	151	0	307	0	166	0
Dartmouth C. and Dartmouth Hitchcock Medical Center	81	5,978	319	9	3,652	30	122	125	363	0	1,203	155
Drexel U.	82	5,900	149	0	3,842	0	54	96	22	25	1,073	639
Virginia Polytechnic Institute and State U.	83	5,884	148	89	1,277	42	21	10	143	1	4,092	61
Marquette U.	84	5,717	0	0	839	15	116	5	60	0	1,128	3,554
Brown U.	85	5,598	210	393	3,895	0	14	8	324	0	513	241
New Mexico State U.	86	5,426	0	81	1,146	8	174	0	8	0	3,748	261
Rice U.	87	5,411	0	2	258	33	234	21	1,642	0	1,846	1,375

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U. South Carolina, Columbia	88	5,066	0	0	114	0	478	0	98	0	557	3,819
New Jersey Institute of Technology	89	5,001	466	0	1,670	53	4	0	0	12	1,401	1,395
Wayne State U.	90	4,919	0	0	4,036	7	287	0	326	4	136	123
U. Delaware	91	4,881	14	688	1,227	0	455	38	752	0	1,624	83
U. Maryland ^a	92	4,772	26	454	1,842	0	138	29	719	0	1,562	2
U. Rochester	93	4,670	0	0	3,483	0	347	38	0	1	801	0
Washington State U.	94	4,540	0	198	2,575	0	61	291	79	1	831	504
U. South Florida, Tampa	95	4,499	39	268	1,298	0	2,327	7	24	20	58	458
U. Nevada, Reno	96	4,363	17	1,183	2,051	0	157	20	130	248	519	38
U. Oklahoma, Norman and Health Science Center	97	4,187	3	1,576	744	0	11	0	39	0	977	837
Tufts U.	98	4,035	0	56	3,305	0	50	0	491	11	44	78
U. Alaska, Fairbanks	99	3,961	96	1,096	225	0	243	0	0	2,248	15	38
U. Montana, Missoula	100	3,923	0	932	1,696	0	0	0	37	0	0	1,258
Texas Tech U., Health Sciences Center	101	3,699	0	0	3,699	0	0	0	0	0	0	0
U. Utah	102	3,687	0	0	28	0	4	0	0	0	11	3,644
U. Massachusetts, Amherst	103	3,508	1,197	0	200	43	332	7	972	191	407	159
SUNY, Stony Brook U.	104	3,410	221	365	1,836	36	3	86	74	29	724	36
Johns Hopkins U. ^b	105	3,361	54	0	2,490	0	204	40	88	0	473	12
Case Western Reserve U.	106	3,353	0	0	2,367	0	28	0	85	0	805	68
Iowa State U.	107	3,328	0	1	1,824	0	110	45	12	3	1,261	72
U. Tennessee, Knoxville	108	3,044	10	1	160	0	508	6	145	89	2,018	107
Texas A&M U.-Corpus Christi	109	3,004	25	2,955	7	0	0	0	17	0	0	0
U. Pennsylvania	110	2,992	84	18	1,810	0	53	3	415	0	113	496
Vanderbilt U. and Vanderbilt U. Medical Center	111	2,921	0	120	1,543	0	52	0	105	0	407	694
U. Idaho	112	2,724	0	22	1,902	0	77	15	57	6	259	386
Ponce Health Sciences U.	113	2,601	0	0	2,601	0	0	0	0	0	0	0
Emory U.	114	2,477	0	3	2,308	0	0	0	127	0	10	29
Columbia U. in the City of New York	115	2,380	46	573	842	0	0	0	285	0	136	498
U. Houston	116	2,335	114	243	339	0	132	71	113	0	1,323	0

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Mississippi State U.	147	1,415	0	0	1,314	0	94	2	0	0	5	0
U. Miami	148	1,403	156	221	942	0	9	0	10	1	21	43
Loyola U., Chicago	149	1,380	0	0	805	9	42	0	0	0	0	524
New School	150	1,375	0	18	0	0	0	6	831	0	0	520
California State U., Long Beach	151	1,371	0	4	228	0	0	129	0	1	446	563
CUNY, John Jay C. of Criminal Justice	152	1,343	0	0	0	0	0	0	0	0	0	1,343
Florida International U.	153	1,326	25	2	153	0	108	44	139	60	255	540
Louisiana Tech U.	154	1,316	6	0	134	9	11	0	11	0	543	602
North Carolina Central U.	155	1,249	0	26	219	0	45	0	1	0	295	663
Pennsylvania State U., University Park and Hershey Medical Center	156	1,191	42	14	429	22	94	35	10	0	499	46
Embry-Riddle Aeronautical U.	157	1,188	0	114	0	10	516	0	0	0	530	18
Amherst C.	158	1,159	0	67	206	0	886	0	0	0	0	0
Albany Medical C.	159	1,139	0	0	1,139	0	0	0	0	0	0	0
U. Missouri, Kansas City	160	1,122	0	0	724	0	67	0	0	0	155	176
CUNY, Graduate Center	161	1,091	0	0	0	0	23	0	751	0	0	317
U. Massachusetts, Lowell	162	1,084	17	6	124	0	45	3	0	0	887	2
U. Alabama, Tuscaloosa	163	1,033	80	3	4	0	120	0	37	0	757	32
Michigan Technological U.	164	1,030	2	361	0	25	0	46	0	0	596	0
U. Vermont	165	1,015	187	0	819	0	0	0	9	0	0	0
Rutgers, State U. New Jersey, Newark	166	1,009	0	0	0	0	2	0	0	0	0	1,007
Creighton U.	167	1,003	26	18	722	8	51	11	64	0	0	103
U. North Carolina, Greensboro	168	987	0	0	577	0	4	2	51	0	0	353
U. Oregon	169	951	224	5	426	0	37	0	235	0	0	24
SUNY, Polytechnic Institute	170	873	0	0	11	0	0	0	0	0	862	0
Fordham U.	171	830	0	0	29	0	19	0	57	0	0	725
U. New Hampshire	172	826	0	292	52	0	0	7	194	0	89	192
U. Akron	173	796	0	3	31	0	235	2	5	0	371	149
Yeshiva U.	174	790	0	0	790	0	0	0	0	0	0	0
Rochester Institute of Technology	175	764	252	0	32	0	175	0	41	0	232	32

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Desert Research Institute	176	762	0	762	0	0	0	0	0	0	0	0
SUNY, Binghamton U.	177	729	52	0	0	0	33	0	108	0	340	196
U. Missouri, Saint Louis	178	711	0	0	93	0	0	0	355	0	0	263
New York Medical C.	179	677	0 i	0 i	677 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. New Orleans	180	672	11	47	6	0	144	0	152	0	113	199
Babson C.	181	664	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	664 i
U. Rhode Island	182	658	0	92	117	0	358	0	14	0	77	0
U. Denver	183	626	0	0	9	0	12	0	493	0	0	112
U. Massachusetts, Boston	184	620	0	55	220	0	2	23	175	0	0	145
Gallaudet U.	185	602	4	17	63	0	0	122	78	0	0	318
Portland State U.	186	588	0	0	4	17	56	0	38	0	242	231
Sul Ross State U.	187	586	0	0	373	0	0	0	213	0	0	0
CUNY, Lehman C.	188	561	0	0	205	26	129	0	53	0	0	148
U. Maryland, Baltimore County	188	561	0	66	186	0	17	77	74	14	0	127
George Mason U.	190	547	82	71	1	85	0	0	76	0	85	147
American U.	191	545	0	0	0	0	5	0	110	241	0	189
Oregon Health and Science U.	192	530	0	0	530	0	0	0	0	0	0	0
Augusta U.	193	526	0	0	518	0	8	0	0	0	0	0
U. Wyoming	194	520	0	24	274	0	0	0	0	0	222	0
Old Dominion U.	195	519	28	5	82	90	3	2	6	0	297	6
Tuskegee U.	196	511	0	0	56	0	0	0	49	0	406	0
U. Kansas	197	508	0	203	127	0	0	12	42	0	116	8
Georgia State U.	198	506	0	0	485	0	0	21	0	0	0	0
U. Memphis	198	506	81	3	90	0	64	3	0	0	197	68
CUNY, City C.	200	472	0	0	0	0	176	0	0	0	296	0
Brigham Young U., Provo	201	455	0	0	107	5	41	0	9	0	293	0
Northeastern U.	202	451	51	0	28	0	204	4	0	0	164	0
Wellesley C.	203	442	60	0	37	0	2	0	0	0	0	343
U. Alaska, Anchorage	204	435	0	0	27	0	0	0	0	408	0	0
North Carolina State U.	205	434	32	32	140	5	0	4	3	0	218	0
U. Wisconsin-Oshkosh	206	431 i	8 i	15 i	246 i	4 i	21 i	7 i	20 i	0 i	70 i	40 i
Middle Tennessee State U.	207	421	0	0	7	0	4	0	369	2	0	39
Florida Institute of Technology	208	420	36	0	0	0	0	249	0	0	135	0
Indiana U., Bloomington	209	418	21	0	35	0	4	0	350	0	0	8

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U. Texas Health Science Center, San Antonio	210	409	0	0	409	0	0	0	0	0	0	0
Grand Valley State U.	211	400	0	248	66	28	15	0	6	0	13	24
Louisiana State U., Health Sciences Center, New Orleans	211	400	0	0	400	0	0	0	0	0	0	0
CUNY, Hunter C.	213	398	14	17	43	17	170	25	63	0	0	49
U. Arkansas, Fayetteville	214	397	0	0	231	0	5	29	0	0	82	50
U. Chicago	215	395	0	0	158	0	12	0	225	0	0	0
U. Baltimore	216	392	0	0	0	0	37	0	208	0	0	147
Naval Postgraduate School	217	388	0	0	0	345	43	0	0	0	0	0
U. Oklahoma, Tulsa	217	388	0	0	0	0	0	0	0	0	0	388
Mercer U.	219	381	0	0	0	0	0	0	0	0	381	0
U. Texas Rio Grande Valley	220	368	0	4	83	0	7	0	20	0	88	166
Dillard U.	221	367	0	0	67	0	300	0	0	0	0	0
SUNY, Downstate Medical Center	222	365	0	0	365	0	0	0	0	0	0	0
Illinois Institute of Technology	223	345	0	0	136	0	0	0	0	0	209	0
Calvin U.	224	328	245	9	26	0	23	0	15	0	10	0
California State U., Bakersfield	225	312	0	0	0	0	0	0	0	0	312	0
St. Edward's U.	226	300	0	0	0	0	0	0	0	0	0	300
Texas A&M U.-Commerce	226	300	0	0	300	0	0	0	0	0	0	0
CUNY, Advanced Science Research Center	228	299	0	0	74	0	225	0	0	0	0	0
Georgia Institute of Technology	229	297	68	0	0	0	0	0	0	0	229	0
U. San Diego	230	294	0	25	126	0	59	15	0	0	0	69
Lehigh U.	231	291	0	0	0	0	0	1	0	0	290	0
Purdue U., Fort Wayne	231	291	0	0	56	16	0	0	0	6	40	173
Franklin and Marshall C.	233	290	1	112	45	0	72	21	8	6	0	25
East Tennessee State U.	234	284	0	0	269	0	0	1	14	0	0	0
Central Michigan U.	235	278	0	44	145	0	17	2	0	0	26	44
Haverford C.	236	271	7 i	13 i	85 i	7 i	35 i	8 i	34 i	0 i	0 i	82 i
U. North Carolina, Charlotte	237	262	53	0	26	0	0	17	17	0	144	5
Cleveland State U.	238	258	0	0	22	0	2	0	1	0	231	2
Western Illinois U.	238	258	0	0	15	14	4	16	0	154	0	55

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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
California State U., Chico	240	253	0	3	58	0	0	0	30	0	162	0
Villanova U.	241	251	1	0	250	0	0	0	0	0	0	0
Colby C.	242	246	1	19	87	9	33	74	11	0	0	12
CUNY, C. Staten Island	243	238	0	0	12	193	2	0	0	0	1	30
U. Massachusetts, Dartmouth	244	232	0	208	0	0	0	0	0	0	24	0
Idaho State U.	245	223	0	0	137	0	0	10	70	0	6	0
Minnesota State U., Mankato	246	215	40	0	79	0	4	0	0	0	77	15
Grinnell C.	247	212	4	0	13	6	31	2	17	0	0	139
Saint Joseph's U.	248	200	0	0	0	0	200	0	0	0	0	0
Rockefeller U.	249	193	0	0	193	0	0	0	0	0	0	0
Gettysburg C.	250	184	1	19	32	3	60	16	16	0	0	37
Worcester Polytechnic Institute	250	184	77	0	0	0	0	0	0	0	107	0
Texas Christian U.	252	181	0	0	0	0	18	93	70	0	0	0
Boston C.	253	178	0	51	21	0	0	0	13	0	0	93
U. Tennessee, Chattanooga	254	176	0	0	1	0	3	78	16	0	53	25
Clemson U.	255	175	0	0	0	0	29	0	0	0	65	81
Keck Graduate Institute	256	171	i	5	0	127	i	1	0	0	20	18
Stephen F. Austin State U.	257	169	0	0	158	0	0	0	0	0	0	11
Syracuse U.	258	168	0	0	39	0	0	0	92	0	0	37
Christopher Newport U.	259	167	0	0	0	0	167	0	0	0	0	0
Trinity U.	260	165	0	33	0	0	0	0	130	0	0	2
Seattle U.	261	162	18	0	20	19	35	0	0	0	70	0
Wesleyan U.	262	159	0	0	3	0	0	2	140	0	0	14
Central Washington U.	263	146	0	94	0	0	0	0	6	0	31	15
Lamar U.	263	146	0	0	0	0	0	0	0	0	100	46
Bates C.	265	143	0	0	45	0	91	0	7	0	0	0
Nova Southeastern U.	265	143	0	0	143	0	0	0	0	0	0	0
Kent State U.	267	140	10	0	0	0	19	45	49	0	0	17
Harvey Mudd C.	268	134	15	0	12	14	14	0	0	6	68	5
Ohio U.	269	133	0	0	32	0	0	0	0	0	88	13
U. Tulsa	270	131	0	0	0	0	0	0	0	0	131	0
Franklin W. Olin C. of Engineering	271	130	0	0	0	0	0	0	0	0	44	86
Texas Tech U.	272	126	0	0	107	0	0	4	0	0	15	0

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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
Northern Illinois U.	273	124	0	0	0	0	24	45	15	0	1	39
Clarkson U.	274	123	0	0	0	0	0	0	0	0	117	6
Morgan State U.	275	122	13	0	37	0	0	0	0	0	38	34
U. Alabama, Huntsville	275	122	0	0	26	0	49	0	0	0	45	2
Northern Arizona U.	277	120	0	8	100	0	0	0	0	12	0	0
Claremont Graduate U.	278	116	0	0	0	0	0	0	0	0	0	116
Jackson State U.	278	116	0	0	0	5	31	0	0	0	80	0
CUNY, system office	280	115	49	0	0	0	0	0	0	0	66	0
Tennessee Technological U.	281	114	71	0	0	0	0	0	0	0	43	0
U. Dayton	281	114	51	0	0	0	9	0	0	0	18	36
West Chester U. Pennsylvania	283	112	0	0	75	0	0	0	0	0	0	37
Bowling Green State U.	284	107	0	0	0	0	22	0	85	0	0	0
U. Minnesota, Duluth	284	107	30	0	39	0	0	0	21	0	9	8
Montclair State U.	286	105	0	0	0	0	0	0	0	0	0	105
SUNY, C. of Environmental Science and Forestry	286	105	0	0	41	0	16	0	2	0	46	0
U. West Florida	288	104	0	0	0	0	0	0	0	0	0	104
Eastern Kentucky U.	289	102	0	0	96	0	0	0	2	0	0	4
Indiana U.-Purdue U., Indianapolis	289	102	0	0	0	0	62	0	0	0	40	0
Loma Linda U.	291	99	0	0	99	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	292	98	13	0	0	0	0	0	0	0	9	76
Oklahoma State U., Stillwater	292	98	0	0	4	0	0	0	0	0	94	0
U. Southern Mississippi	294	97	0	33	64	0	0	0	0	0	0	0
U. Texas, Tyler	295	94	0	4	14	0	0	12	0	0	58	6
U. Maryland Center for Environmental Science	296	92	0	2	81	0	0	0	0	0	0	9
Boise State U.	297	84	0	22	46	0	0	0	0	0	13	3
Purdue U., Northwest	298	82	0	0	0	0	0	0	0	0	0	82
Southern Connecticut State U.	299	79	0	12	12	0	16	0	0	1	0	38
New Mexico Institute of Mining and Technology	300	77	3	72	0	0	0	0	0	0	2	0
U. Nebraska, Omaha	301	76	14	0	0	0	0	0	44	0	18	0

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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
Wright State U.	302	75	0	2	26	0	0	0	0	0	35	12
U. Wisconsin-Stevens Point	303	73	i	2	39	1	5	1	4	0	11	7
CUNY, Brooklyn C.	304	71	i	3	9	1	5	7	6	12	0	12
East Carolina U.	304	71		0	71	0	0	0	0	0	0	0
Miami U.	306	70		0	18	0	0	0	0	0	52	0
Morehouse C.	306	70		0	0	0	0	0	0	0	0	70
James Madison U.	308	69		2	0	0	1	3	15	31	1	16
Hamilton C.	309	67		0	0	0	0	0	0	0	0	67
California State U., Fresno	310	65		0	0	0	0	0	0	0	65	0
U. North Carolina, Wilmington	310	65		0	55	0	0	0	0	0	0	0
Arkansas State U., Jonesboro	312	63		0	63	0	0	0	0	0	0	0
U. Hawaii, Hilo	312	63		0	23	0	5	0	0	35	0	0
West Texas A&M U.	312	63		0	38	0	0	0	0	0	0	0
Sam Houston State U.	315	61		0	61	0	0	0	0	0	0	0
U. Massachusetts, central office	315	61		0	0	0	0	0	61	0	0	0
Northern Michigan U.	317	56		0	28	0	0	0	0	0	0	17
Texas Tech U., Health Sciences Center, El Paso	317	56		0	56	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	319	55		0	3	0	0	0	0	0	0	5
Augsburg U.	320	54		0	0	0	0	0	0	0	0	54
Western U. of Health Sciences	321	53		0	53	0	0	0	0	0	0	0
California State U., Northridge	322	51		0	0	0	48	0	0	0	0	0
Chapman U.	323	50		0	0	0	0	0	2	0	0	12
Eastern Washington U.	324	47		0	0	0	0	47	0	0	0	0
U. Wisconsin-Superior	324	47		0	47	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	326	45		0	0	0	0	0	0	0	14	0
Dickinson C.	327	43		0	20	0	0	16	0	0	0	7
U. Puerto Rico, Rio Piedras	327	43		0	0	0	0	0	0	0	0	43
South Dakota School of Mines and Technology	329	42		0	0	0	0	0	0	0	42	0
Stevens Institute of Technology	330	41		0	0	0	12	0	0	0	29	0
Western Kentucky U.	330	41		0	0	0	0	0	25	0	0	16
U. Michigan, Dearborn	332	40		0	0	0	0	0	2	0	38	0

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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 St. Thomas (MN)	333	38	0	0	1	0	1	0	0	0	24	12
Kennesaw State U.	334	37	37	0	0	0	0	0	0	0	0	0
Texas A&M International U.	334	37	0	0	0	4	0	0	0	10	0	23
Monmouth U.	336	35	0	22	1	0	12	0	0	0	0	0
Tarleton State U.	336	35	0	35	0	0	0	0	0	0	0	0
Hofstra U.	338	34	0	0	0	0	0	0	34	0	0	0
U. Nebraska, Kearney	338	34	0	0	0	0	19	0	0	0	0	15
DePaul U.	340	33	0	0	0	0	0	33	0	0	0	0
Southeastern Louisiana U.	341	32	0	0	31	0	1	0	0	0	0	0
U. of Mary Washington	341	32	0	0	0	0	0	0	32	0	0	0
Towson U.	343	31	14	0	0	0	2	0	0	0	0	15
U. Central del Caribe	343	31	0	0	31	0	0	0	0	0	0	0
Biola U.	345	30 i	1 i	0 i	19 i	0 i	3 i	0 i	2 i	0 i	3 i	2 i
CUNY, Baruch C.	345	30	0	0	0	0	0	0	26	0	0	4
Saginaw Valley State U.	347	29	0	0	0	0	0	0	0	0	0	29
U. Wisconsin-La Crosse	347	29	0	0	24	0	0	0	5	0	0	0
U. Puerto Rico, Medical Sciences Campus	349	28	0	0	28	0	0	0	0	0	0	0
Vassar C.	349	28	0	0	0	0	0	0	28	0	0	0
C. Charleston	351	26	11	5	4	0	0	0	0	0	0	6
U. California, Office of the President	351	26	0	0	11	0	0	0	0	15	0	0
Union C., Schenectady	353	25	0	0	10	0	0	0	0	0	0	15
Carleton C.	354	21	0	0	0	0	0	0	0	0	0	21
SUNY, C. Brockport	354	21	0	1	8	0	0	0	12	0	0	0
U. Washington, Bothell	354	21	0	0	0	0	0	0	0	0	3	18
Western Washington U.	357	20	0	0	0	0	0	0	20	0	0	0
U. South Florida, Saint Petersburg	358	18	0	0	18	0	0	0	0	0	0	0
U.S. Army War C.	358	18 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	18 i
Clark U.	360	17	0	0	0	0	0	0	17	0	0	0
San Francisco State U.	361	15	0	0	15	0	0	0	0	0	0	0
U. Southern Maine	361	15	0	0	14	0	0	0	0	0	0	1
Eastern Michigan U.	363	14	0	0	14	0	0	0	0	0	0	0

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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
Milwaukee School of Engineering	363	14	0	0	0	0	0	0	0	0	14	0
St. John's U., New York	363	14	0	0	3	0	0	0	0	0	0	11
U. Michigan, Flint	363	14	0	0	14	0	0	0	0	0	0	0
Austin Peay State U.	367	13	0	0	1	0	0	0	0	0	0	12
Bradley U.	367	13	0	0	13	0	0	0	0	0	0	0
U. North Florida	369	12	0	0	0	0	0	0	12	0	0	0
Bucknell U.	370	11	0	0	0	0	0	11	0	0	0	0
Coastal Carolina U.	370	11	0	0	11	0	0	0	0	0	0	0
Colorado State U., Pueblo	370	11	0	0	3	0	0	0	0	0	8	0
Illinois State U.	370	11	0	7	0	0	4	0	0	0	0	0
SUNY, Oswego	370	11	0	0	0	0	9	2	0	0	0	0
U. Richmond	370	11	0	0	11	0	0	0	0	0	0	0
California State U., Channel Islands	376	10	0	0	0	0	0	0	10	0	0	0
Montana Technological U.	376	10	0	0	10	0	0	0	0	0	0	0
New Jersey City U.	376	10	0	0	0	0	0	0	0	0	0	10
California State U., Dominguez Hills	379	9	0	0	0	0	0	0	0	0	0	9
SUNY, Buffalo State	379	9	0	0	0	0	0	0	9	0	0	0
U. Wisconsin-Platteville	379	9 i	0 i	0 i	5 i	0 i	1 i	0 i	0 i	0 i	1 i	2 i
C. Wooster	382	8	0	0	0	0	0	0	0	8	0	0
Duquesne U.	382	8	0	0	8	0	0	0	0	0	0	0
Wichita State U.	382	8	0	0	0	0	0	0	0	0	0	8
Florida Polytechnic U.	385	7	0	0	0	0	7	0	0	0	0	0
U. Toledo	385	7	0	0	7	0	0	0	0	0	0	0
Virginia State U.	385	7	0	0	7	0	0	0	0	0	0	0
Alaska Pacific U.	388	6	0	6	0	0	0	0	0	0	0	0
Albany C. of Pharmacy and Health Sciences	388	6	0	0	6	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	388	6	0	0	6	0	0	0	0	0	0	0
Appalachian State U.	391	5	0	0	0	0	0	0	0	0	0	5
CUNY, Queens C.	391	5	0	0	0	0	0	0	5	0	0	0

TABLE 30

Higher education R&D expenditures funded by all other sources, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All 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
National U. of Natural Medicine	391	5	0	0	5	0	0	0	0	0	0	0
U. New England	391	5	0	0	5	0	0	0	0	0	0	0
Pace U.	395	4	0	0	4	0	0	0	0	0	0	0
Southern Methodist U.	395	4	0	0	0	0	0	0	0	0	4	0
California State U., Sacramento	397	3	0	0	0	0	0	0	0	1	0	2
Elon U.	397	3	0	0	0	0	0	0	0	0	0	3
U. North Dakota	397	3	0	0	3	0	0	0	0	0	0	0
U. North Texas, Health Science Center	397	3	0	0	0	0	0	0	3	0	0	0
U. of the Incarnate Word	397	3	0	0	0	0	0	0	0	0	0	3
Allegheny C.	402	2	0	0	0	0	2	0	0	0	0	0
Drake U.	402	2	0	0	0	0	2	0	0	0	0	0
Rider U.	402	2	0	0	0	0	2	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	402	2	0	0	0	0	0	0	0	0	0	2
U. Wisconsin-Eau Claire	402	2	0	0	2	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	402	2	0 i	0 i	2 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Loyola Marymount U.	408	1	0	0	0	0	0	0	0	0	1	0
U. South Florida, Sarasota-Manatee	408	1	0	0	0	0	0	0	0	0	0	1
U. Texas Health Science Center, Tyler	408	1 i	0 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Washington, Tacoma	408	1	0	0	1	0	0	0	0	0	0	0
Youngstown State U.	408	1	0	0	0	0	0	0	0	0	0	1

i = imputed.

nec = not elsewhere classified; S&E = science and engineering.

^a 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.

^b Johns Hopkins University includes the Applied Physics Laboratory, with \$293 thousand in R&D expenditures from all other sources in FY 2019.

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.