

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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	-	3,251,409	111,414	549,984	682,683	36,195	90,405	79,078	273,947	55,914	828,858	542,931
Johns Hopkins U. ^b	1	186,514	27,228	2,530	10,799	17,719	3,243	0	832	7,641	114,227	2,295
U. North Carolina, Chapel Hill	2	105,312	1,356	5,381	10,312	0	117	12,962	64,271	0	5,569	5,344
U. Colorado Boulder	3	97,119	1,043	56,748	516	302	22,283	5	2,370	1,444	7,309	5,099
U. Maryland ^c	4	85,466	10,313	23,843	5,539	8	7,725	927	10,550	324	18,385	7,852
U. Dayton	5	75,943	0	238	0	0	312	0	0	0	74,846	547
U. Washington, Seattle	6	69,620	610	29,691	23,187	201	167	375	1,327	0	9,020	5,042
Ohio State U.	7	58,687	29	206	13,329	0	241	497	2,309	13,641	18,534	9,901
Texas A&M U., College Station and Health Science Center	8	56,494	1,254	8,551	12,774	30	30	122	2,286	284	17,327	13,836
U. California, Davis	9	52,198	0	2,245	38,410	0	844	9	3,489	0	4,430	2,771
Colorado State U., Fort Collins	10	49,776	1,576	24,835	9,815	46	412	0	964	30	7,781	4,317
U. South Florida, Tampa	11	43,845	526	5,295	1,409	43	98	293	5,490	0	15,902	14,789
U. Oklahoma, Norman and Health Science Center	12	39,660	796	23,321	564	0	0	490	5,970	0	4,094	4,425
U. Wisconsin-Madison	13	38,917	0	16,522	4,885	0	2,135	1,057	1,998	650	4,771	6,899
U. Michigan, Ann Arbor	14	37,936	438	5,261	8,809	2	356	695	5,566	1,792	13,766	1,251
Michigan State U.	15	36,939	726	86	24,195	1	50	526	6,090	41	2,777	2,447
New Jersey Institute of Technology	16	33,946	127	0	0	0	56	0	0	0	32,068	1,695
Virginia Polytechnic Institute and State U.	17	33,429	263	108	10,259	518	317	1,406	878	25	18,017	1,638
U. Florida	18	33,357	723	503	11,934	0	0	424	870	0	8,046	10,857
U. California, San Diego	19	32,836	1,390	23,393	5,732	70	20	25	809	0	1,262	135
U. California, Berkeley	20	30,527	7	80	10,103	157	6,815	424	2,545	660	7,462	2,274
U. Texas, Austin	21	30,433	748	3,311	607	3,133	780	173	696	0	8,221	12,764
Rutgers, State U. New Jersey, New Brunswick	22	29,337	0	4,659	6,821	1,163	75	17	370	0	9,233	6,999
Arizona State U.	23	28,288	175	395	2,354	184	86	751	5,124	4,789	8,183	6,247
U. Hawaii, Manoa	24	27,075	104	18,898	5,755	0	0	10	557	422	1,193	136
Clemson U.	25	26,678	70	0	5,351	129	2,032	55	3,210	0	12,229	3,602
U. Illinois, Urbana-Champaign	26	26,675	262	786	11,235	1	71	659	441	488	11,591	1,141
U. Delaware	27	26,157	45	2,403	1,061	0	424	0	2,703	0	16,322	3,199
North Carolina State U.	28	25,543	471	7,749	3,993	419	177	541	392	316	10,223	1,262
Oregon State U.	29	25,364	36	6,911	10,094	25	479	690	1,615	242	3,781	1,491

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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. Miami	30	25,220	0	19,073	1,970	0	2,653	1,023	47	0	76	378
Washington State U.	31	24,522	1	1,336	3,225	4	673	221	1,052	0	2,130	15,880
Utah State U.	32	24,312	126	3	5,358	0	122	34	105	0	18,330	234
U. Kansas	33	23,737	417	600	467	0	0	1,731	1,193	10	1,496	17,823
Tufts U.	34	23,547	0	49	15,546	340	220	39	1,568	4,391	775	619
Woods Hole Oceanographic Institution	35	23,476	0	20,616	0	0	0	0	0	0	2,860	0
Purdue U., West Lafayette	36	23,371	795	172	6,009	0	346	180	90	0	9,653	6,126
Florida International U.	37	22,883	769	5,216	2,201	0	1,576	1,991	965	101	4,115	5,949
Mississippi State U.	38	22,476	239	7,624	3,751	0	0	19	8,119	0	2,285	439
U. Virginia, Charlottesville	39	21,905	222	606	952	206	286	273	527	4	6,174	12,655
U. Alaska, Fairbanks	40	21,458	554	10,067	3,232	0	120	0	165	4,087	2,969	264
U. New Hampshire	41	21,454	0	11,347	3,130	0	7	100	845	0	2,470	3,555
Iowa State U.	42	20,605	0	127	1,581	3,689	166	1,550	12	391	12,707	382
U. South Carolina, Columbia	43	20,177	21	210	6,149	111	1,383	974	352	0	3,812	7,165
Florida State U.	44	20,146	3	1,667	802	165	0	867	1,068	0	2,360	13,214
Scripps Research Institute	45	19,876	0	0	19,876	0	0	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	46	19,587	376	2,430	4,243	51	197	1,627	1,144	0	6,024	3,495
U. Southern California	47	19,583	2,448	2,785	2,150	0	0	944	4,436	0	2,679	4,141
U. Rhode Island	48	19,470	6	15,203	698	0	881	21	285	181	1,262	933
Duke U.	49	18,761	0	1,078	11,136	0	143	93	2,402	0	3,577	332
Georgia Institute of Technology	50	18,594	529	479	146	0	15	0	2	0	16,668	755
William & Mary	51	18,123	0	9,758	291	0	25	1	4,411	0	0	3,637
Carnegie Mellon U.	52	18,096	8,008	0	0	618	615	1,548	74	209	7,024	0
U. Connecticut	53	18,091	104	3,066	2,474	0	0	2,342	577	0	7,206	2,322
U. Southern Mississippi	54	17,772	0	16,891	761	0	3	0	103	0	2	12
Vanderbilt U. and Vanderbilt U. Medical Center	55	17,593	0	1	1,051	0	911	293	1,642	0	1,451	12,244
U. Nebraska, Lincoln	56	16,213	0	106	4,410	189	0	3,125	707	0	7,103	573
U. Arizona	57	15,963	197	4,842	3,931	20	1,501	0	1,022	814	1,835	1,801
Harvard U.	58	15,689	686	2,952	2,665	278	334	981	2,461	0	2,768	2,564
Massachusetts Institute of Technology	59	15,325	1,375	3,418	200	0	1,009	0	1,122	160	6,791	1,250

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Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

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U. Oregon	60	15,202	398	1,244	114	0	0	2,070	423	0	0	10,953
Texas State U.	61	14,851	85	850	626	0	0	0	1,332	0	22	11,936
Auburn U., Auburn	62	14,478	225	256	3,721	0	119	6	60	362	9,571	158
U. Pennsylvania	63	14,312	21	0	5,009	0	0	395	3,380	0	894	4,613
George Mason U.	64	14,242	4,357	1,642	551	6	20	623	2,444	0	3,039	1,560
U. Georgia	65	14,212	0	2,993	8,183	0	3	731	727	0	974	601
Virginia Commonwealth U.	66	14,188	46	222	2,768	48	3	1,486	14	0	584	9,017
Kansas State U.	67	14,104	410	70	10,238	57	5	51	108	0	3,024	141
Cornell U.	68	14,101	779	713	5,618	14	24	1,266	2,910	0	2,552	225
Florida A&M U.	69	13,983	1,160	3,645	4,005	0	401	61	0	0	1,515	3,196
New York U.	70	13,894	569	18	2,448	81	0	0	2,314	0	3,307	5,157
U. Minnesota, Twin Cities	71	13,844	15	260	3,508	0	110	5,724	517	0	1,854	1,856
Indiana U., Bloomington	72	13,436	2,325	393	1,968	0	572	356	5,526	0	519	1,777
U. Alabama, Tuscaloosa	73	12,425	3,472	72	74	0	74	179	732	0	6,437	1,385
Wichita State U.	74	12,318	0	0	159	0	0	13	26	0	11,173	947
Columbia U. in the City of New York	75	12,009	140	4,626	5,198	0	0	343	661	0	448	593
U. Pittsburgh, Pittsburgh	76	11,876	24	397	7,474	0	0	4	255	985	1,014	1,723
U. Central Florida	77	11,816	482	64	294	0	831	148	2,238	0	1,546	6,213
Georgetown U.	78	11,597	671	0	7,413	0	1,360	0	1,641	0	0	512
U. Iowa	79	11,508	14	0	3,814	3	171	314	921	0	5,016	1,255
U. California, Los Angeles	80	11,472	2	1,841	4,626	35	437	295	1,031	37	345	2,823
U. Texas, Arlington	81	11,441	122	0	62	0	213	0	42	0	9,222	1,780
Princeton U.	82	11,393	155	5,775	3,145	0	0	51	1,008	0	663	596
U. Maryland Center for Environmental Science	83	11,370	0	5,952	5,022	27	13	0	73	0	89	194
Louisiana State U., Baton Rouge	84	11,347	8	4,806	1,999	50	45	78	562	1	3,561	237
Georgia State U.	85	11,303	0	227	95	0	0	373	869	0	0	9,739
U. Notre Dame	86	11,299	4,951	0	281	2	133	270	696	0	1,464	3,502
U. Massachusetts, Amherst	87	11,174	694	669	1,867	0	35	0	142	23	3,651	4,093
U. Illinois, Chicago	88	11,117	6	0	3,483	0	0	1,299	1,301	235	381	4,412
Montana State U., Bozeman	89	11,094	0	183	2,295	28	0	0	149	0	7,024	1,415
U. Arkansas, Fayetteville	90	11,093	85	94	6,129	0	0	190	410	0	1,980	2,205
Eastern Virginia Medical School	91	11,023	0	0	11,023	0	0	0	0	0	0	0

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Medical U. South Carolina	92	10,839	0	0	10,839	0	0	0	0	0	0	0
U. Missouri, Columbia	93	10,793	10	4	3,222	46	0	0	21	0	2,204	5,286
U. Colorado Denver and Anschutz Medical Campus	94	10,503	224	46	6,404	0	0	10	22	0	303	3,494
Northeastern U.	95	10,371	561	321	273	0	10	28	571	0	6,419	2,188
U. Louisiana, Lafayette	96	10,195	507	604	684	5	152	0	107	2,731	2,065	3,340
U. Nevada, Reno	97	10,160	39	2,802	1,946	0	193	0	979	0	3,102	1,099
Northwestern U.	98	10,144	0	0	2,274	0	4,568	0	801	203	744	1,554
Yale U.	99	10,016	277	0	6,386	0	0	218	68	0	352	2,715
U. California, Santa Cruz	100	9,631	0	3,550	5,158	0	180	1	152	0	220	370
SUNY, U. Buffalo	101	9,630	295	10	4,502	0	215	0	801	0	1,262	2,545
U. West Florida	102	9,479	0	0	88	0	0	0	36	0	0	9,355
Texas A&M U.-Corpus Christi	103	9,264	0	2,964	4,397	0	646	0	37	0	662	558
Boston U.	104	8,840	513	918	4,939	0	104	11	137	72	1,254	892
George Washington U.	105	8,828	440	0	1,673	9	738	32	3,508	0	333	2,095
U. California, San Francisco	106	8,589	0	0	8,571	0	18	0	0	0	0	0
U. Cincinnati	107	8,571	0	54	1,713	135	0	58	903	0	4,611	1,097
U. Kentucky	108	8,390	26	356	301	0	45	751	33	134	6,054	690
San Jose State U.	109	8,358	0	5,180	0	0	0	0	0	1,191	24	1,963
U. Baltimore	110	8,295	0	0	0	0	34	0	467	0	0	7,794
Portland State U.	111	8,130	48	698	676	0	0	272	825	0	1,050	4,561
Western Michigan U. and Homer Stryker M.D. School of Medicine	112	7,945	0	287	429	0	0	0	61	0	1,044	6,124
Texas Tech U.	113	7,925	0	836	1,232	0	0	112	56	0	872	4,817
U. Massachusetts, Boston	114	7,915	0	639	6	0	0	572	1,105	0	0	5,593
CUNY, City C.	115	7,897	243	193	3	0	0	0	0	0	7,433	25
U. California, Irvine	116	7,870	630	112	369	8	238	136	243	0	1,642	4,492
Stanford U.	117	7,617	0	561	426	0	539	837	2,474	0	2,169	611
U. Tennessee, Knoxville	118	7,425	100	417	838	0	65	0	1,089	472	4,062	382
Temple U.	119	7,408	30	86	577	0	0	489	555	83	436	5,152
U. New Mexico	120	7,392	128	1,026	2,339	166	10	0	1,759	0	1,674	290
U. Alabama, Birmingham	121	7,372	26	0	4,861	0	143	431	720	0	420	771
Emory U.	122	7,183	0	142	6,373	0	0	496	0	0	0	172
American U.	123	6,986	0	106	66	0	110	0	4,949	464	0	1,291

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U. California, Santa Barbara	124	6,871	23	3,395	39	1	82	731	381	0	610	1,609
U. Puerto Rico, Mayaguez	125	6,826	0	3,736	42	49	144	0	0	0	2,855	0
U. North Carolina, Greensboro	126	6,788	0	0	64	0	0	1,099	0	0	0	5,625
U. Maine	127	6,768	0	3,809	1,846	0	0	0	0	0	1,027	86
SUNY, Stony Brook U.	128	6,525	49	4,331	890	172	485	0	104	0	302	192
SUNY, U. Albany	129	6,469	487	1,631	1,042	0	805	2	2,288	0	35	179
U. California, Riverside	130	6,375	800	140	2,497	0	47	0	104	119	1,440	1,228
Tulane U.	131	6,358	0	273	4,085	0	0	613	1,264	0	106	17
U. Alaska, Anchorage	132	6,255	438	3,092	2,218	0	15	0	141	25	217	109
Florida Atlantic U.	133	6,174	0	219	2,315	93	0	0	56	0	3,153	338
California Institute of Technology	134	6,140	0	4,376	0	0	433	0	0	0	73	1,258
Embry-Riddle Aeronautical U.	135	6,118	0	290	92	0	0	0	0	264	5,392	80
Oklahoma State U., Stillwater	136	6,114	0	0	2,692	0	77	14	88	0	3,058	185
U. Houston	137	6,103	652	513	51	101	0	3,508	16	112	580	570
U. Texas, San Antonio	138	6,029	2,525	176	59	0	270	15	653	0	1,119	1,212
Syracuse U.	139	6,015	1,541	0	429	0	104	44	995	0	209	2,693
U. Chicago	140	5,886	1,368	0	631	256	0	370	1,960	0	314	987
U. Texas, El Paso	141	5,691	27	39	1,401	99	182	63	52	0	3,543	285
U. Nevada, Las Vegas	142	5,636	43	30	3,020	0	0	0	169	27	1,799	548
West Virginia U.	143	5,609	0	669	795	3	429	0	125	7	1,855	1,726
Drexel U.	144	5,536	185	0	2,303	0	52	501	15	16	1,728	736
U. Montana, Missoula	145	5,518	0	343	4,416	84	131	134	359	0	0	51
Missouri U. of Science and Technology	146	5,464	24	0	10	143	610	0	0	0	4,588	89
Teachers C., Columbia U.	147	5,388	119	0	865	0	0	629	3,775	0	0	0
Old Dominion U.	148	5,330	62	772	250	527	103	41	300	0	773	2,502
U. Wyoming	149	5,257	3	241	3,500	10	0	0	134	0	1,316	53
Illinois State U.	150	5,053	0	11	0	0	158	0	197	0	0	4,687
California State U., Sacramento	151	5,002	0	790	199	0	0	0	54	210	3,442	307
North Dakota State U.	152	4,975	0	43	484	0	33	0	3,943	0	466	6
U. Utah	153	4,949	216	916	1,461	0	22	118	85	119	1,529	483
U. Texas Health Science Center, San Antonio	154	4,606	0	0	4,606	0	0	0	0	0	0	0
Northern Arizona U.	155	4,530	21	1,758	2,343	0	86	0	122	17	92	91

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U. Maryland, Eastern Shore	156	4,484	0	3,206	0	0	1,278	0	0	0	0	0
U. Idaho	157	4,479	0	570	1,913	0	0	0	378	0	1,306	312
U. Memphis	158	4,266	707	1,347	154	0	114	121	316	0	933	574
Ohio U.	159	4,263	95	48	210	0	0	942	50	0	2,692	226
Michigan Technological U.	160	4,220	0	2,455	164	4	0	41	127	0	1,429	0
Wayne State U.	161	4,139	54	0	2,476	0	0	0	334	0	642	633
Stevens Institute of Technology	162	4,050	0	925	0	0	0	0	0	0	3,125	0
U. Alabama, Huntsville	163	4,048	0	803	47	0	0	0	40	0	2,768	390
SUNY, C. of Environmental Science and Forestry	164	3,986	0	0	3,791	0	8	0	76	0	0	111
South Dakota State U.	165	3,861	0	161	2,227	218	30	0	45	0	1,152	28
U. Denver	166	3,792	0	36	0	0	0	77	1,348	0	205	2,126
U. North Carolina, Charlotte	167	3,787	6	129	17	33	65	42	264	0	2,709	522
Brown U.	168	3,606	23	248	292	146	117	79	488	291	266	1,656
U. North Carolina, Wilmington	169	3,543	0	741	2,159	0	0	12	0	7	31	593
Boise State U.	170	3,391	0	197	428	0	41	0	1,638	0	130	957
New Mexico State U.	171	3,385	0	759	1,210	7	25	0	336	0	889	159
Colorado School of Mines	172	3,361	53	473	0	0	114	0	98	0	2,593	30
Florida Institute of Technology	173	3,289	2,216	89	214	0	0	0	0	57	439	274
U. Tennessee, Knoxville, Institute of Agriculture	174	3,288	0	0	3,183	0	0	0	0	20	85	0
U. Texas Health Science Center, Houston	175	3,276	0	0	3,276	0	0	0	0	0	0	0
Washington U., Saint Louis	176	3,260	6	17	2,638	0	183	8	21	0	99	288
U. Louisville	177	3,235	0	0	450	0	4	0	733	0	820	1,228
Seton Hall U.	178	3,172	0	0	0	0	0	0	0	0	0	3,172
U. Massachusetts, Lowell	179	3,137	73	0	86	0	128	77	926	0	735	1,112
Brandeis U.	180	3,103	156	0	0	38	0	0	1,990	0	0	919
California State U., San Bernardino	181	3,056	467	43	0	336	0	0	106	0	0	2,104
CUNY, John Jay C. of Criminal Justice	182	3,050	0	0	2	0	22	7	2	0	0	3,017
Florida Gulf Coast U.	183	3,038	0	311	22	0	0	0	0	0	3	2,702
U. North Texas, Health Science Center	184	3,013	0	0	2,627	0	0	0	386	0	0	0

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Institution	Rank	Other agency R&D expenditures ^a	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
Indiana U.-Purdue U., Indianapolis	185	2,960	137	0	42	0	258	99	1,177	0	187	1,060
Central Michigan U.	186	2,935	0	69	2,795	0	0	5	66	0	0	0
Dartmouth C. and Dartmouth Hitchcock Medical Center	187	2,817	2	5	2,477	0	0	0	108	197	26	2
Boston C.	188	2,765	0	29	70	0	0	1	2,169	0	0	496
U. South Alabama	189	2,752	1,818	479	11	0	2	133	0	0	309	0
U. Maryland, Baltimore County	190	2,751	184	1,114	85	25	425	0	268	0	265	385
California State U., Long Beach	191	2,733	0	59	231	513	1,111	95	5	0	669	50
Medical C. Wisconsin	192	2,722	0	0	1,930	0	0	0	0	0	792	0
U. Mississippi	193	2,681	0	431	196	0	345	0	59	0	813	837
Lehigh U.	194	2,456	2	118	841	0	0	0	0	0	242	1,253
Southern Illinois U., Carbondale	195	2,454	0	85	2,061	0	0	0	127	164	17	0
Worcester Polytechnic Institute	196	2,400	979	0	0	0	129	0	576	0	402	314
California State U., Bakersfield	197	2,394	0	0	9	1,141	0	0	0	0	1,113	131
U. Vermont	198	2,356	0	223	536	0	0	29	875	0	693	0
U. Wisconsin-Milwaukee	199	2,326	131	758	277	313	3	7	383	11	140	303
Jackson State U.	200	2,313	122	0	661	0	527	0	0	68	935	0
Wake Forest U.	201	2,299	28	0	2,059	0	66	0	0	0	0	146
Desert Research Institute	202	2,261	0	2,073	188	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	203	2,256	0	58	367	0	0	0	0	0	286	1,545
Jacksonville State U.	204	2,245	0	0	0	0	0	0	0	0	0	2,245
Sam Houston State U.	205	2,243	0	0	40	0	0	0	796	0	0	1,407
Northern Illinois U.	206	2,221	0	0	102	0	322	599	38	0	0	1,160
Rochester Institute of Technology	207	2,158	66	0	0	0	571	0	885	0	87	549
U. Massachusetts, Dartmouth	208	2,130	0	1,551	29	0	0	0	0	0	501	49
U. New Orleans	209	2,093	132	967	6	0	0	0	708	207	0	73
Southern Methodist U.	210	2,076	0	10	0	42	0	0	61	0	638	1,325
U. South Florida, Saint Petersburg	211	2,065	0	0	7	0	0	0	0	0	0	2,058
Brigham Young U., Provo	212	2,035	7	49	448	0	36	58	514	0	283	640
Rensselaer Polytechnic Institute	213	2,005	218	0	0	0	0	0	0	0	1,124	663
North Carolina Agricultural and Technical State U.	214	1,978	62	0	57	0	0	0	0	0	78	1,781
Nova Southeastern U.	215	1,977	0	1,930	0	0	0	47	0	0	0	0
East Carolina U.	216	1,967	0	443	442	0	0	222	91	0	87	682

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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., Los Angeles	217	1,876	0	0	1,029	0	0	0	222	0	477	148
California State U., San Marcos	218	1,857	0	0	68	0	0	0	252	160	797	580
Miami U.	219	1,782	92	216	106	0	0	130	106	0	50	1,082
San Diego State U.	220	1,738	52	444	389	2	3	180	105	0	229	334
Clarkson U.	221	1,733	0	0	0	0	66	0	0	0	1,667	0
U. Akron	221	1,733	0	13	129	0	294	36	0	0	1,261	0
New Jersey City U.	223	1,712	50	25	600	0	25	0	0	0	0	1,012
Rhode Island C.	224	1,711	0	0	0	0	0	0	0	0	0	1,711
U. Toledo	225	1,705	0	1,018	266	0	37	0	109	0	176	99
Saint Louis U.	226	1,686	0	293	924	0	0	0	40	0	182	247
Texas A&M International U.	227	1,660	0	0	1,596	0	0	0	0	64	0	0
U. Minnesota, Duluth	228	1,583	0	27	1,556	0	0	0	0	0	0	0
U. Hawaii, system office	229	1,575	0	54	0	0	0	0	0	1,521	0	0
Johnson C. Smith U.	230	1,564	245	0	257	0	66	0	0	0	0	996
Loyola U., Chicago	231	1,552	0	0	1,224	0	0	156	68	0	0	104
U. Hawaii, Hilo	232	1,551	0	684	776	0	10	0	20	61	0	0
Rutgers, State U. New Jersey, Newark	233	1,521	73	854	114	0	0	23	220	0	0	237
Bowling Green State U.	234	1,520	0	252	71	0	399	219	166	0	0	413
North Carolina Central U.	235	1,485	0	0	87	0	269	0	370	0	0	759
Morgan State U.	236	1,432	0	0	0	70	0	0	0	0	1,310	52
U. Washington, Tacoma	237	1,423	36	1,151	192	0	0	0	0	0	0	44
California State U., Northridge	238	1,411	0	38	0	0	0	18	39	5	114	1,197
San Francisco State U.	239	1,403	0	689	211	0	0	0	0	40	0	463
U. Missouri, Saint Louis	240	1,388	0	0	725	0	0	0	663	0	0	0
U. North Florida	241	1,375	0	0	55	0	49	0	136	0	250	885
Kent State U.	242	1,367	30	106	135	0	0	76	117	246	0	657
Icahn School of Medicine at Mount Sinai	243	1,343	0	0	1,343	0	0	0	0	0	0	0
U. Guam	244	1,288	0	963	323	0	0	0	0	0	0	2
William Paterson U.	245	1,284	0	0	32	0	0	286	0	0	0	966
U. Wisconsin-Superior	246	1,281	0	0	1,277	0	0	0	0	0	4	0
New Mexico Institute of Mining and Technology	247	1,239	0	552	129	0	48	0	0	0	503	7

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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
Howard U.	248	1,228	0	248	326	0	128	379	0	0	147	0
Colorado State U., Pueblo	249	1,220	0	0	1,220	0	0	0	0	0	0	0
Texas Woman's U.	250	1,175	0	0	53	0	0	0	0	0	0	1,122
Salisbury U.	251	1,167	32	46	4	0	0	0	0	0	0	1,085
Rice U.	252	1,143	26	0	4	0	4	0	17	0	1,051	41
St. Edward's U.	252	1,143	100	150	0	0	0	0	86	0	0	807
SUNY, Binghamton U.	254	1,121	114	0	0	0	0	0	1,007	0	0	0
California Polytechnic State U., San Luis Obispo	255	1,107	0	632	139	128	35	0	9	0	79	85
U. Texas Southwestern Medical Center	256	1,086	0	0	1,086	0	0	0	0	0	0	0
Wright State U.	256	1,086	75	82	319	107	0	438	0	0	0	65
U. Houston-Downtown	258	1,063	0	0	0	0	0	0	0	0	0	1,063
Texas Christian U.	259	1,057	0	0	0	0	0	408	71	0	0	578
Humboldt State U.	260	1,038	0	258	709	0	0	0	55	0	16	0
Duquesne U.	261	1,033	0	12	797	0	0	4	0	0	0	220
Polytechnic U. Puerto Rico	262	1,021	0	0	0	0	0	0	0	0	1,021	0
U. Texas Rio Grande Valley	263	1,010	0	618	158	0	0	0	0	38	196	0
Pennsylvania State U., Behrend	264	1,009	8	891	8	9	16	1	1	0	72	3
Cleveland State U.	265	1,002	0	0	311	0	38	0	100	0	129	424
West Virginia State U.	266	999	0	0	723	30	150	0	30	0	0	66
U. Nebraska, Omaha	267	976	60	0	273	0	0	48	439	0	5	151
Fordham U.	268	970	0	0	19	0	0	221	15	0	0	715
Lamar U.	269	959	0	0	304	0	0	0	0	0	83	572
U. Illinois, Springfield	270	942	0	0	0	0	0	0	942	0	0	0
Purdue U., Northwest	271	937	0	0	0	0	0	0	0	0	81	856
Saginaw Valley State U.	272	915	0	0	0	601	279	0	28	0	0	7
Western Illinois U.	273	914	37	0	868	0	0	0	0	0	0	9
Louisiana Tech U.	274	913	41	0	34	22	17	0	403	0	135	261
C. Charleston	275	890	0	98	177	0	0	0	0	0	0	615
U. Tulsa	276	881	157	8	57	0	0	0	9	0	399	251
California State Polytechnic U., Pomona	277	871	0	7	52	0	0	0	0	0	423	389
Case Western Reserve U.	278	859	0	0	41	0	0	0	627	0	32	159

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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
Skidmore C.	279	847	0	0	847	0	0	0	0	0	0	0
Ball State U.	280	846	67	0	210	0	0	76	217	0	0	276
Arkansas State U., Jonesboro	281	836	0	0	589	0	33	0	34	0	180	0
Indiana State U.	282	831	0	12	450	0	0	0	0	0	0	369
U. Nebraska, Medical Center	283	824	0	0	824	0	0	0	0	0	0	0
U. Texas, Dallas	284	822	52	0	115	0	0	0	131	0	114	410
Oregon Health and Science U.	285	812	0	0	475	0	0	0	0	0	337	0
Wesleyan U.	286	811	0	15	0	0	424	0	0	0	0	372
Catholic U. of America	287	808	0	0	402	0	35	16	0	0	204	151
Kennesaw State U.	288	804	0	0	95	0	0	0	0	0	105	604
SUNY, Buffalo State	289	786	0	650	135	0	0	0	1	0	0	0
Idaho State U.	290	772	0	86	238	0	96	0	61	0	0	291
U. Massachusetts, Medical School	291	752	0	0	752	0	0	0	0	0	0	0
U. of the Virgin Islands	292	732	0	713	19	0	0	0	0	0	0	0
Illinois Institute of Technology	293	721	0	7	0	0	0	0	29	0	611	74
U. North Dakota	294	715	15	305	56	0	0	0	0	0	161	178
Air Force Institute of Technology	295	710	110	0	0	0	116	0	0	0	484	0
U. North Carolina, Asheville	296	704	0	20	49	0	331	0	0	0	0	304
Alabama A&M U.	297	701	18	0	172	5	23	21	74	0	240	148
Tougaloo C.	298	695	0	0	0	0	0	0	0	0	0	695
Southern Illinois U., Edwardsville	299	694	0	473	0	0	0	0	0	0	146	75
Montana Technological U.	300	685	0	671	0	0	0	0	0	0	14	0
California State U., Chico	301	677	0	32	0	0	17	0	258	0	15	355
Central Washington U.	302	660	0	648	0	0	12	0	0	0	0	0
U. Arkansas, Little Rock	303	659	0	0	21	0	0	0	64	0	0	574
Marshall U.	304	653	0	100	65	0	0	0	0	0	488	0
Naval Postgraduate School	305	641	0	60	0	0	0	0	469	0	0	112
U. Northern Colorado	305	641	0	1	158	0	0	0	44	0	0	438
U. Alaska, Southeast	307	634	0	120	276	0	0	0	0	238	0	0
Middle Tennessee State U.	308	627	0	8	123	0	0	0	11	0	3	482
Alabama State U.	309	615	0	0	615	0	0	0	0	0	0	0
La Sierra U.	310	608	0	0	0	0	0	0	0	0	0	608
Winthrop U.	311	597	0	0	0	0	0	0	0	0	0	597
Missouri State U.	312	595	0	0	286	0	0	0	140	0	0	169

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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	313	593	0	0	593	0	0	0	0	0	0	0
Texas Southern U.	314	590	0	0	0	0	0	0	0	590	0	0
U. Puerto Rico, Rio Piedras	315	576	0	195	0	0	16	0	239	98	0	28
U. Ana G. Mendez, Gurabo	316	575	0	0	0	0	0	0	0	0	575	0
Rowan U.	317	573	0	69	25	0	0	0	2	0	344	133
Western Washington U.	318	553	0	312	34	0	41	0	98	0	0	68
U. Rochester	319	552	0	0	199	0	0	351	0	0	0	2
Roger Williams U.	320	549	0	42	0	0	0	201	0	0	0	306
Northwestern State U. Louisiana	321	545	0	0	0	0	0	0	545	0	0	0
U. Missouri, Kansas City	322	539	0	0	19	0	0	0	81	0	345	94
SUNY, C. Plattsburgh	323	527	0	472	0	0	0	0	0	0	0	55
Mills C.	324	526	0	0	0	0	0	0	0	0	0	526
U. Oklahoma, Tulsa	325	507	0	0	0	0	0	0	0	0	462	45
Western Carolina U.	326	492	0	200	98	0	39	0	0	0	155	0
Uniformed Services U. of the Health Sciences	327	488	0	0	488	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	328	484	0	0	117	0	367	0	0	0	0	0
Southeastern Louisiana U.	329	475	0	0	151	0	0	0	113	0	0	211
Tennessee Technological U.	330	474	0	0	351	0	0	0	0	0	123	0
Delaware State U.	331	473	0	155	107	0	0	0	2	0	0	209
Hobart and William Smith Colleges	332	460	0	0	460	0	0	0	0	0	0	0
California State U., Monterey Bay	333	451	0	423	28	0	0	0	0	0	0	0
U. Houston-Clear Lake	333	451	0	0	0	0	406	0	45	0	0	0
Dillard U.	335	445	0	0	162	0	0	0	283	0	0	0
U. of Mary Washington	336	444	0	0	0	0	0	0	0	0	0	444
U. Washington, Bothell	337	440	77	211	0	0	0	0	0	0	0	152
U. Arkansas for Medical Sciences	338	435	0	0	435	0	0	0	0	0	0	0
U. North Texas, Denton	339	419	63	0	35	0	0	24	0	0	68	229
Western Kentucky U.	340	417	0	184	11	0	64	0	10	0	0	148
U. Texas Medical Branch	341	414	0	0	414	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	342	408	0	0	408	0	0	0	0	0	0	0

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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
Niagara U.	375	290	0	0	0	0	0	0	49	0	0	241
Gettysburg C.	376	286	0	162	40	0	0	0	84	0	0	0
Hawaii Pacific U.	376	286	0	286	0	0	0	0	0	0	0	0
U. Louisiana, Monroe	376	286	0	44	60	0	0	0	182	0	0	0
Bowie State U.	379	284	274	0	10	0	0	0	0	0	0	0
U. Michigan, Dearborn	379	284	0	0	0	0	0	0	0	175	0	109
SUNY, Oswego	381	282	0	17	3	0	262	0	0	0	0	0
Smith C.	382	281	0	38	85	0	7	146	0	0	0	5
Eastern Washington U.	383	273	0	30	65	0	0	0	125	0	0	53
Bethune-Cookman U.	384	271	0	174	97	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	385	269	0	0	1	13	0	0	70	10	175	0
Minnesota State U., Mankato	386	258	0	0	0	0	0	0	258	0	0	0
Calvin U.	387	253	0	0	228	0	0	0	0	0	0	25
Occidental C.	387	253	0	248	0	0	0	0	5	0	0	0
U.S. Air Force Academy	389	246	0	0	0	0	0	0	0	0	0	246
U. Nebraska, Kearney	390	243	0	0	230	0	0	0	0	0	0	13
Savannah State U.	391	242	0	215	0	0	0	0	27	0	0	0
Maine Maritime Academy	392	240	0	0	0	0	0	0	0	0	240	0
Midwestern U.	393	239	0	0	239	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	394	238	0	0	0	0	0	0	0	0	215	23
Baylor U.	395	232	0	0	81	0	0	0	0	0	126	25
U. New England	396	231	0	189	42	0	0	0	0	0	0	0
Stockton U.	397	230	0	226	0	0	0	0	0	0	0	4
U. Central Arkansas	398	228	0	0	95	0	22	0	0	0	0	111
Chapman U.	399	213	0	0	79	0	0	0	17	0	0	117
Meharry Medical C.	400	211	0	0	211	0	0	0	0	0	0	0
DePaul U.	401	209	0	0	3	0	0	78	0	0	0	128
East Tennessee State U.	401	209	0	0	200	0	9	0	0	0	0	0
Appalachian State U.	403	206	0	14	158	0	0	0	0	0	0	34
Dine C.	404	204	0	0	160	0	0	0	44	0	0	0
Rosalind Franklin U. of Medicine and Science	405	200	0	0	198	0	0	2	0	0	0	0
U. New Haven	406	198	0	0	6	0	0	51	141	0	0	0
Rockefeller U.	407	192	0	0	192	0	0	0	0	0	0	0

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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	
Mount Holyoke C.	408	187	0	0	0	0	0	187	0	0	0	0	
Claremont Graduate U.	409	180	99	0	0	0	0	68	0	0	0	13	
Lawrence Technological U.	410	179	0	0	0	0	0	0	0	0	169	10	
U. Massachusetts, central office	411	177	0	0	16	0	0	0	76	0	0	85	
Baylor C. of Medicine	412	176	0	0	176	0	0	0	0	0	0	0	
Eastern Kentucky U.	412	176	0	0	176	0	0	0	0	0	0	0	
Morehouse C.	414	173	0	0	0	0	0	0	0	106	0	67	
U. Southern Maine	414	173	0	0	0	0	0	0	21	0	0	152	
Kentucky State U.	416	165	0	0	0	0	0	164	0	0	0	1	
Benedict C.	417	164	11	0	11	11	119	0	0	0	12	0	
CUNY, Hunter C.	418	160	0	72	0	0	17	45	18	0	0	8	
Georgia Southern U.	418	160	0	118	14	0	0	0	13	0	0	15	
South Dakota School of Mines and Technology	420	159	0	0	0	0	2	0	0	0	157	0	
Wellesley C.	421	155	0	0	0	0	0	0	0	0	0	155	
Texas A&M U.-Commerce	422	154	0	0	0	0	0	98	0	0	0	56	
Albany State U.	423	150	0	0	0	0	150	0	0	0	0	0	
Prairie View A&M U.	424	149	135	0	0	0	0	0	0	0	14	0	
Dickinson C.	425	144	0	0	90	0	0	0	0	0	0	54	
New York Medical C.	426	143	i	0	i	0	i	0	i	0	i	0	i
SUNY, Upstate Medical U.	426	143	0	0	143	0	0	0	0	0	0	0	
Bradley U.	428	140	0	0	0	0	0	0	0	0	140	0	
CUNY, Graduate Center	428	140	0	0	3	0	0	57	0	0	0	80	
Albert Einstein C. of Medicine	430	139	0	0	139	0	0	0	0	0	0	0	
Montclair State U.	430	139	0	50	45	0	0	0	0	0	0	44	
SUNY, Downstate Medical Center	432	137	0	0	137	0	0	0	0	0	0	0	
Villanova U.	433	136	0	76	0	0	0	0	0	0	60	0	
Drake U.	434	135	0	0	0	9	0	0	0	0	0	126	
Loyola Marymount U.	435	134	0	0	0	0	0	0	0	0	0	134	
Saint Joseph's U.	436	133	27	0	0	0	0	0	64	0	0	42	
California State U., Dominguez Hills	437	131	131	0	0	0	0	0	0	0	0	0	
Pacific U.	437	131	0	0	0	0	0	0	0	0	0	131	
Fort Lewis C.	439	129	0	0	95	0	0	0	34	0	0	0	

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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					
Youngstown State U.	439	129	0	0	0	0	0	61	0	0	68	0					
Eastern Michigan U.	441	128	0	0	0	0	0	0	0	0	9	119					
Oklahoma State U., Center for Health Sciences	442	124	0	0	83	0	0	0	0	0	0	41					
Bucknell U.	443	123	0	0	23	0	0	0	2	0	63	35					
Christopher Newport U.	444	121	0	0	77	0	0	44	0	0	0	0					
Indiana U. Pennsylvania	444	121	0	3	93	0	0	0	24	0	0	1					
Monmouth U.	446	120	0	91	0	0	0	0	29	0	0	0					
Pepperdine U.	446	120	0	0	2	0	0	0	0	0	0	118					
Hamilton C.	448	117	0	3	0	0	12	0	0	0	0	102					
Rutgers, State U. New Jersey, Camden	448	117	85	0	0	0	0	0	32	0	0	0					
U. California, Office of the President	448	117	0	0	117	0	0	0	0	0	0	0					
Franklin and Marshall C.	451	112	0	0	0	16	0	0	94	0	0	2					
U. Michigan, Flint	451	112	0	0	0	0	0	0	0	112	0	0					
Bates C.	453	104	0	0	0	0	4	82	18	0	0	0					
California State U., Fullerton	454	102	0	33	52	0	0	1	0	0	0	16					
Kettering U.	454	102	0	0	21	0	0	0	0	0	0	81					
Black Hills State U.	456	101	0	0	34	0	0	0	0	0	0	67					
Rhode Island School of Design	456	101	i	1	i	0	i	79	i	0	i	0	i	15	i		
South Carolina State U.	458	100	0	0	0	0	100	0	0	0	0	0					
Willamette U.	458	100	0	0	0	0	0	60	0	0	0	40					
Bowdoin C.	460	99	0	31	9	0	0	0	46	0	0	13					
Alfred U.	461	98	0	0	98	0	0	0	0	0	0	0					
Virginia State U.	461	98	0	0	98	0	0	0	0	0	0	0					
California Lutheran U.	463	97	0	0	0	0	0	0	0	0	0	97					
CUNY, Baruch C.	464	95	0	0	20	0	0	0	75	0	0	0					
California State U., Channel Islands	465	94	0	0	64	0	0	0	22	8	0	0					
Northeast Ohio Medical U.	465	94	0	0	94	0	0	0	0	0	0	0					
Norfolk State U.	467	87	0	0	28	0	0	0	0	0	0	59					
Southern U. and A&M C., Baton Rouge	467	87	0	0	0	0	0	0	0	0	42	45					
Oregon Institute of Technology	469	84	i	0	i	15	i	15	i	3	i	0	i	1	i	49	i

TABLE 65

Federally financed higher education R&D expenditures, financed by all other federal agencies, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	Other agency R&D expenditures ^a	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
Southern Connecticut State U.	537	9	0	9	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	537	9	0	0	9	0	0	0	0	0	0	0
Pomona C.	539	8	0	6	0	0	0	0	0	0	0	2
U. San Francisco	539	8	0	0	0	0	0	0	0	8	0	0
Union C., Schenectady	539	8	0	0	0	0	0	0	0	0	0	8
Azusa Pacific U.	542	7	0	0	0	0	0	0	7	0	0	0
CUNY, Medgar Evers C.	543	6	0	0	6	0	0	0	0	0	0	0
Xavier U. Louisiana	543	6	0	0	0	0	5	0	0	0	0	1
Pennsylvania State U., Harrisburg	545	5	0	0	0	0	0	0	5	0	0	0
CUNY, Advanced Science Research Center	546	3	0	3	0	0	0	0	0	0	0	0
Santa Clara U.	546	3	0	0	0	0	0	0	0	0	3	0
Whitman C.	546	3	0	0	0	0	0	0	0	0	0	3
Dakota State U.	549	2	0	0	0	0	0	0	0	0	0	2
Edward Via C. of Osteopathic Medicine	549	2	0	0	2	0	0	0	0	0	0	0
West Chester U. Pennsylvania	549	2	0	0	2	0	0	0	0	0	0	0
Elon U.	552	1	0	0	0	0	0	0	0	0	1	0
Florida Polytechnic U.	552	1	0	0	0	0	0	0	0	0	1	0

i = imputed.

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

^a Includes all other agencies reported.^b Johns Hopkins University includes the Applied Physics Laboratory, with \$173,410 thousand in R&D expenditures financed by all other federal agencies in FY 2019.^c 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.