

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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	-	5,330,711	629,898	690,435	757,452	223,352	1,056,202	75,240	149,412	106,943	1,351,487	290,290
U. Illinois, Urbana-Champaign	1	141,078	61,207	3,062	7,994	3,005	21,490	2,314	2,215	85	34,801	4,905
Cornell U.	2	115,526	14,289	2,885	21,433	2,176	43,795	497	3,018	0	26,192	1,241
Texas A&M U., College Station and Health Science Center	3	114,590	4,415	70,810	6,866	3,717	5,673	8	865	0	21,429	807
U. Washington, Seattle	4	114,582	8,532	32,348	10,309	2,609	16,162	672	2,040	0	28,673	13,237
Woods Hole Oceanographic Institution	5	112,251	0	67,506	0	0	0	0	0	0	44,745	0
Massachusetts Institute of Technology	6	95,998	15,666	9,458	9,622	5,474	22,365	0	2,152	1,335	29,004	922
U. California, San Diego	7	88,746	10,829	31,635	5,709	2,534	9,366	2,858	1,400	225	23,787	403
Columbia U. in the City of New York	8	86,116	8,574	40,596	5,868	2,949	10,140	208	1,246	0	11,968	4,567
Michigan State U.	9	83,070	4,464	1,115	19,665	4,219	35,833	724	1,793	1,184	6,135	7,938
California Institute of Technology	10	82,563	2,754	8,697	1,939	816	61,737	0	0	0	5,213	1,407
U. Colorado Boulder	11	81,711	8,634	19,189	5,118	1,310	19,767	453	5,409	504	11,803	9,524
U. Michigan, Ann Arbor	12	81,455	2,117	1,992	9,861	4,327	11,539	876	11,063	97	36,118	3,465
U. Wisconsin-Madison	13	80,297	10,416	10,136	9,761	3,290	21,632	594	1,847	1,490	14,176	6,955
U. Texas, Austin	14	78,379	20,459	7,206	7,247	2,159	7,062	1,044	2,885	1	27,661	2,655
Stanford U.	15	75,886	3,439	4,211	6,760	2,568	15,360	1,107	2,102	0	16,670	23,669
Georgia Institute of Technology	16	75,687	10,924	2,780	2,192	3,748	11,802	324	919	0	37,489	5,509
U. California, Berkeley	17	71,030	498	2,592	10,983	4,199	17,312	1,169	751	4,127	26,081	3,318
Purdue U., West Lafayette	18	69,718	8,364	1,447	7,346	934	6,151	396	367	0	38,279	6,434
U. Minnesota, Twin Cities	19	69,610	6,558	6,440	11,826	3,779	7,173	1,610	5,396	64	24,584	2,180
Pennsylvania State U., University Park and Hershey Medical Center	20	67,436	4,704	9,424	7,228	4,063	18,031	2,173	2,811	0	16,711	2,291
Princeton U.	21	64,442	6,974	8,252	3,457	4,673	24,888	721	1,497	0	13,979	1
U. California, Los Angeles	22	63,912	4,361	5,512	7,912	4,575	7,858	1,414	1,689	7,519	16,328	6,744
Arizona State U.	23	62,370	4,926	4,687	5,859	1,382	4,747	404	7,375	7,655	23,818	1,517
U. Maryland ^a	24	58,692	7,068	4,170	8,746	3,417	18,821	558	3,103	805	10,517	1,487
North Carolina State U.	25	58,142	6,907	1,966	9,380	6,112	3,703	427	623	42	26,191	2,791
Carnegie Mellon U.	26	56,350	30,193	591	1,058	1,860	3,702	1,895	1,107	2,260	13,633	51

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Florida State U.	27	56,341	2,679	2,920	4,067	841	26,336	120	268	431	15,792	2,887
U. Arizona	28	54,281	2,196	5,154	16,171	1,426	11,689	190	2,837	2,297	10,814	1,507
U. Chicago	29	51,803	12,437	5,546	3,325	4,075	16,358	1,594	1,534	0	5,491	1,443
Ohio State U.	30	51,067	6,190	2,963	6,401	3,944	10,232	586	3,765	1,823	13,917	1,246
U. Southern California	31	50,376	12,940	6,600	10,721	1,019	3,605	664	1,382	0	12,025	1,420
U. Florida	32	49,165	5,257	7,143	9,901	404	7,700	329	974	0	13,898	3,559
Northwestern U.	33	48,728	740	490	3,177	1,675	14,486	621	1,276	10,731	15,092	440
Oregon State U.	34	48,625	1,510	17,756	9,191	945	2,209	374	575	4,051	8,680	3,334
Rutgers, State U. New Jersey, New Brunswick	35	46,590	3,776	4,583	12,314	4,749	7,046	509	117	0	11,164	2,332
Harvard U.	36	46,321	3,306	4,833	6,159	1,684	10,950	226	2,473	0	12,352	4,338
U. Pennsylvania	37	45,727	4,592	610	4,104	1,381	17,823	749	1,325	57	8,203	6,883
Virginia Polytechnic Institute and State U.	38	43,603	4,519	1,367	5,676	1,200	7,187	7	354	141	22,394	758
U. California, Santa Barbara	39	41,311	2,921	7,011	5,724	981	14,584	794	334	147	7,926	889
U. California, Irvine	40	39,979	5,878	3,261	5,241	2,160	11,720	1,046	989	0	8,162	1,522
New York U.	41	39,534	4,738	37	4,868	4,276	8,554	3,376	3,387	0	7,106	3,192
U. Massachusetts, Amherst	42	38,320	9,074	3,111	4,295	821	6,252	1,195	958	34	9,840	2,740
SUNY, Stony Brook U.	43	38,189	5,120	3,577	2,564	2,404	16,181	654	689	1,661	4,905	434
Northeastern U.	44	37,270	7,980	2,755	2,117	649	5,396	601	602	0	15,934	1,236
Johns Hopkins U. ^b	45	37,180	3,364	1,589	4,375	1,469	12,888	220	54	78	12,795	348
Indiana U., Bloomington	46	36,456	16,332	607	2,451	945	7,285	1,522	1,984	221	2,668	2,441
Rice U.	47	36,366	3,821	1,481	2,454	2,380	8,323	724	493	534	15,887	269
U. North Carolina, Chapel Hill	48	35,909	6,721	3,434	7,298	1,409	5,955	593	1,938	23	4,658	3,880
Boston U.	49	35,582	3,974	1,726	3,018	1,169	6,895	753	905	1,296	14,827	1,019
Duke U.	50	35,357	3,279	2,276	6,500	4,266	3,048	160	2,292	0	13,055	481
U. Utah	51	35,354	11,100	3,005	4,309	1,725	6,235	84	769	0	7,207	920
Iowa State U.	52	34,620	2,690	874	8,790	700	3,209	344	355	713	15,342	1,603
U. California, Davis	53	33,320	3,192	2,342	12,547	2,655	3,874	104	1,769	0	5,891	946
U. Alaska, Fairbanks	54	32,807	2	23,563	2,606	107	2,385	0	271	2,298	824	751
Colorado State U., Fort Collins	55	31,344	1,157	9,357	4,106	2,037	3,997	911	166	0	7,939	1,674
U. Nebraska, Lincoln	56	31,035	3,663	1,830	9,867	754	9,613	395	635	0	3,341	937
U. Hawaii, Manoa	57	30,530	2,128	19,336	1,613	288	4,189	137	912	403	1,405	119
U. Georgia	58	30,287	560	3,272	16,130	1,714	2,389	627	1,093	242	2,567	1,693

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U. Delaware	59	29,868	1,839	5,298	3,911	857	7,982	970	1,339	120	6,437	1,115
SUNY, U. Buffalo	60	29,533	8,631	1,599	2,069	529	4,148	407	91	0	10,937	1,122
U. Virginia, Charlottesville	61	28,989	4,429	2,720	2,003	932	4,225	587	1,255	1,051	7,973	3,814
U. Notre Dame	62	28,416	3,371	0	1,586	2,312	11,566	490	109	391	8,280	311
U. New Mexico	63	28,112	1,699	4,537	5,933	917	2,437	46	1,121	2,850	6,857	1,715
Brown U.	64	28,077	4,140	1,494	5,194	6,364	4,171	0	539	206	5,782	187
Yale U.	65	26,830	2,326	2,053	6,985	1,447	6,552	945	985	0	5,436	101
U. Pittsburgh, Pittsburgh	66	26,547	2,330	531	5,008	1,515	5,608	157	299	1,564	8,364	1,171
U. Connecticut	67	26,288	2,101	2,734	6,279	1,129	2,725	1,273	353	0	7,071	2,623
U. Tennessee, Knoxville	68	26,275	4,238	392	2,812	481	2,530	678	415	2,847	11,614	268
U. California, Riverside	69	24,781	4,915	813	5,791	648	4,754	430	476	906	5,906	142
Florida International U.	70	23,890	9,628	2,181	2,474	111	1,799	327	40	393	6,379	558
U. Rhode Island	71	22,832	681	10,001	2,016	0	641	0	429	4,717	4,085	262
Clemson U.	72	21,105	1,825	0	2,108	822	2,235	149	189	0	12,242	1,535
U. Central Florida	73	21,024	2,524	0	1,110	502	2,584	0	414	0	12,847	1,043
Washington U., Saint Louis	74	20,740	2,619	1,248	4,624	543	4,114	226	424	1,924	4,604	414
U. Missouri, Columbia	75	20,270	868	848	11,271	862	1,759	596	143	0	2,542	1,381
U. Illinois, Chicago	76	19,341	4,083	123	1,323	2,322	3,565	259	36	0	5,849	1,781
U. Kansas	77	18,954	1,040	1,745	8,305	620	2,168	87	922	166	3,036	865
Vanderbilt U. and Vanderbilt U. Medical Center	78	18,768	0	628	695	679	1,856	2,244	437	0	8,738	3,491
U. Rochester	79	18,569	2,324	1,759	1,940	194	5,635	590	170	592	4,148	1,217
U. New Hampshire	80	18,567	526	4,184	5,384	251	692	171	117	0	6,342	900
Washington State U.	81	18,546	1,976	1,906	6,792	24	1,883	0	338	304	4,312	1,011
U. Houston	82	17,758	1,786	1,206	1,705	1,931	2,991	554	81	33	7,226	245
U. Oregon	83	16,952	833	2,513	2,918	792	4,755	579	934	987	26	2,615
Dartmouth C. and Dartmouth Hitchcock Medical Center	84	16,470	1,752	728	1,224	661	1,713	2,091	337	711	6,675	578
Louisiana State U., Baton Rouge	85	16,222	896	1,846	3,210	1,227	4,774	37	318	100	3,300	514
U. South Carolina, Columbia	86	16,053	789	564	6,795	541	1,128	138	288	0	2,961	2,849
U. Kentucky	87	15,733	1,161	268	3,685	531	2,661	32	301	104	6,576	414
George Washington U.	88	15,721	2,987	213	1,687	641	2,092	80	2,363	746	4,170	742
Kansas State U.	89	15,709	635	206	6,009	329	2,880	28	426	315	3,661	1,220

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U. Wyoming	90	15,386	247	3,828	2,766	837	1,072	187	163	3,820	2,165	301
Syracuse U.	91	15,382	850	1,506	1,250	516	6,602	0	920	413	3,123	202
Rensselaer Polytechnic Institute	92	14,907	2,739	692	1,209	692	1,588	112	186	0	7,647	42
U. Oklahoma, Norman and Health Science Center	93	14,257	315	3,180	3,561	390	1,936	34	920	0	3,785	136
U. South Florida, Tampa	94	14,002	1,745	3,032	1,170	286	2,377	135	795	0	3,424	1,038
U. California, Santa Cruz	95	13,815	1,685	3,490	1,778	267	2,502	189	731	79	2,503	591
Drexel U.	96	13,706	2,049	0	1,246	392	644	0	1,890	183	5,800	1,502
West Virginia U.	97	13,422	0	253	1,677	454	6,715	68	251	84	3,020	900
U. Maine	98	13,254	216	3,630	1,195	59	1,194	35	119	5,091	1,582	133
U. Arkansas, Fayetteville	99	13,241	1,194	1,760	2,983	110	1,699	4	110	0	5,205	176
Tufts U.	100	13,165	807	69	2,465	665	622	253	642	239	5,470	1,933
Colorado School of Mines	101	13,112	1,158	2,721	0	243	2,215	0	128	0	5,923	724
U. Idaho	102	12,885	752	1,325	5,497	41	0	0	753	861	1,891	1,765
George Mason U.	103	12,713	2,483	3,401	168	338	1,010	208	406	0	2,148	2,551
Emory U.	104	12,586	113	102	2,656	1,174	6,990	303	315	0	820	113
Case Western Reserve U.	105	12,156	50	124	1,499	381	2,679	0	155	0	6,161	1,107
Montana State U., Bozeman	106	12,131	667	1,591	2,702	895	2,395	0	71	1,071	2,355	384
U. Texas, El Paso	107	11,838	3,870	841	1,499	252	1,743	313	55	0	2,788	477
Temple U.	108	11,781	2,124	315	1,568	599	2,969	1,834	495	0	819	1,058
Lehigh U.	109	11,304	764	747	1,079	143	597	29	0	0	7,546	399
U. Miami	110	11,269	368	8,234	752	239	725	441	2	0	356	152
New Jersey Institute of Technology	111	11,136	1,774	0	612	1,356	3,792	0	0	49	3,467	86
U. Texas, Dallas	112	11,072	1,889	167	408	554	1,825	0	356	0	5,411	462
U. Maryland, Baltimore County	113	10,967	2,982	465	1,161	326	911	0	126	1,064	2,169	1,763
Rochester Institute of Technology	114	10,472	2,685	0	123	1,057	2,920	0	46	0	1,640	2,001
U. Montana, Missoula	115	10,465	719	1,918	5,637	580	1,133	0	452	0	0	26
Oklahoma State U., Stillwater	116	10,451	532	83	2,151	620	602	120	277	1,554	4,064	448
U. Wisconsin-Milwaukee	117	10,368	129	604	464	815	6,732	38	24	0	1,432	130
U. Vermont	118	10,286	1,404	383	1,779	366	1,217	1	127	4,121	888	0
North Dakota State U.	119	10,137	903	201	1,961	0	1,699	229	0	3,345	1,303	496

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CUNY, City C.	120	10,121	394	391	912	425	3,734	0	0	0	4,236	29
U. North Carolina, Charlotte	121	10,028	5,125	214	363	347	993	0	1,007	0	1,706	273
U. Nevada, Reno	122	9,990	1,233	1,870	1,668	656	1,728	106	416	276	1,556	481
U. Alabama, Tuscaloosa	123	9,954	922	366	1,289	154	1,620	253	351	0	3,876	1,123
New Mexico State U.	124	9,742	2,187	375	1,980	1	1,400	0	112	83	2,935	669
U. Iowa	125	9,713	1,195	362	1,261	335	2,629	256	150	31	2,504	990
Auburn U., Auburn	126	9,361	542	335	1,919	335	2,336	48	83	200	3,175	388
U. Cincinnati	127	9,306	54	265	1,171	608	2,773	117	172	0	3,002	1,144
Utah State U.	128	9,060	1,136	221	2,589	256	1,504	13	174	0	2,861	306
Wayne State U.	129	8,995	1,091	154	998	1,017	3,070	0	71	0	2,352	242
U. Texas, Arlington	130	8,919	2,003	85	1,417	749	1,917	0	33	0	2,138	577
U. Alabama, Huntsville	131	8,654	1,030	931	224	0	4,671	0	25	0	1,737	36
Georgia State U.	132	8,644	1,548	277	1,035	372	4,019	148	184	0	0	1,061
Northern Arizona U.	133	8,488	212	2,471	3,575	0	506	115	83	220	634	672
U. California, San Francisco	134	8,475	0	0	4,572	0	3,903	0	0	0	0	0
SUNY, U. Albany	135	8,145	569	3,742	1,523	169	939	29	298	0	439	437
Worcester Polytechnic Institute	136	8,082	2,591	0	604	393	474	0	771	0	2,886	363
San Diego State U.	137	8,035	410	295	1,716	1,121	1,343	762	594	18	751	1,025
Texas Tech U.	138	7,996	942	1,033	1,115	307	1,006	185	61	0	3,141	206
Old Dominion U.	139	7,806	590	2,095	700	467	924	82	3	0	2,521	424
Boise State U.	140	7,731	703	1,899	1,201	220	393	0	5	229	1,982	1,099
U. Texas, San Antonio	141	7,715	3,197	403	774	135	944	40	319	0	1,836	67
North Carolina Agricultural and Technical State U.	142	7,697	622	89	1,001	686	887	0	0	0	3,622	790
Mississippi State U.	143	7,509	1,339	21	1,332	172	1,089	0	27	0	3,173	356
Cold Spring Harbor Laboratory	144	7,506	0	0	7,506	0	0	0	0	0	0	0
U. Alabama, Birmingham	145	7,462	725	0	2,604	844	2,312	0	0	0	448	529
William & Mary	146	7,382	1,322	2,749	644	337	1,926	33	71	0	0	300
U. Louisville	147	7,089	0	68	1,467	51	669	86	223	0	4,472	53
New Mexico Institute of Mining and Technology	148	7,003	656	5,404	45	0	684	0	0	0	188	26
Brigham Young U., Provo	149	6,989	654	93	650	452	1,408	46	36	0	3,605	45
Jackson State U.	150	6,957	267	0	137	22	5,859	0	106	0	463	103
U. California, Merced	151	6,899	0	1,122	387	812	1,325	29	233	0	2,685	306

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Georgetown U.	152	6,547	1,050	0	1,892	22	2,010	624	523	0	0	426
U. Puerto Rico, Rio Piedras	153	6,450	462	1,364	1,430	0	2,039	0	40	1,062	37	16
Michigan Technological U.	154	6,388	475	1,883	312	123	212	11	386	66	2,847	73
Boston C.	155	6,340	209	757	273	957	1,746	438	222	0	0	1,738
SUNY, Binghamton U.	156	6,287	1,783	411	328	99	1,713	7	272	0	1,627	47
U. Mississippi	157	6,248	0	21	915	60	4,152	0	18	0	958	124
Illinois Institute of Technology	158	6,230	2,177	91	71	210	870	0	102	36	2,673	0
Portland State U.	159	5,994	683	466	1,744	471	532	12	337	0	1,459	290
South Dakota State U.	160	5,973	0	0	5,145	41	73	0	168	0	546	0
Missouri U. of Science and Technology	161	5,829	927	255	33	230	1,143	0	63	0	3,178	0
Brandeis U.	162	5,786	487	0	635	386	4,034	0	25	0	0	219
U. North Texas, Denton	163	5,772	1,172	114	1,262	131	850	0	313	0	1,242	688
Virginia Commonwealth U.	164	5,709	736	230	1,178	421	681	117	53	0	1,862	431
Tuskegee U.	165	5,604	380	0	31	1,118	146	0	0	180	3,749	0
Southern Methodist U.	166	5,507	155	498	0	417	1,114	0	295	0	2,132	896
Indiana U.-Purdue U., Indianapolis	167	5,412	1,520	413	64	519	507	0	789	386	1,137	77
U. Colorado Denver and Anschutz Medical Campus	168	5,324	24	127	1,984	478	805	51	34	33	762	1,026
Rutgers, State U. New Jersey, Newark	169	5,245	1,178	1,428	358	0	1,048	596	170	0	0	467
U. Massachusetts, Lowell	170	5,214	682	504	162	0	251	699	56	0	2,635	225
U. Akron	171	5,203	0	158	161	96	2,032	13	52	0	2,522	169
Stevens Institute of Technology	172	5,166	1,456	0	33	0	296	0	0	238	2,893	250
U. of the Virgin Islands	173	5,108	0	0	5,108	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	174	4,815	0	89	311	88	348	0	6	0	3,973	0
U. Southern Mississippi	175	4,714	48	786	525	36	3,289	0	10	0	20	0
Howard U.	176	4,682	533	0	674	0	278	331	109	0	2,757	0
California State U., Northridge	177	4,629	91	1,099	1,073	669	1,434	68	61	0	134	0
U. North Dakota	178	4,369	13	757	1,135	0	762	0	135	526	595	446
U. Massachusetts, Boston	179	4,296	483	1,039	300	40	989	114	871	45	296	119
U. Minnesota, Duluth	180	4,292	111	1,913	1,636	102	432	0	0	0	37	61

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
St. Edward's U.	181	4,250	350	350	1,750	450	300	0	150	100	0	800
U. Toledo	182	4,207	0	440	205	25	778	0	0	0	2,463	296
U. Nevada, Las Vegas	183	4,191	521	241	1,085	14	246	25	3	0	1,640	416
U. Maryland Center for Environmental Science	184	4,088	0	1,659	1,665	0	55	0	0	0	0	709
U. South Alabama	185	4,082	1,344	948	331	6	145	0	65	0	679	564
San Francisco State U.	186	4,051	50	753	1,827	309	778	0	42	162	130	0
U. South Dakota	187	4,029	82	0	887	0	1,847	0	0	0	1,213	0
South Dakota School of Mines and Technology	188	3,815	0	0	0	23	329	0	0	0	3,463	0
California Polytechnic State U., San Luis Obispo	189	3,633	247	357	536	1,111	877	3	36	0	410	56
Florida Atlantic U.	190	3,613	893	102	509	152	523	80	0	0	1,105	249
Scripps Research Institute	191	3,568	0	0	3,568	0	0	0	0	0	0	0
Louisiana Tech U.	192	3,494	0	0	43	146	347	73	0	0	2,885	0
Tulane U.	193	3,396	366	953	206	227	0	0	6	0	1,623	15
Miami U.	194	3,385	301	239	1,966	41	93	129	0	0	29	587
East Carolina U.	195	3,360	268	357	718	0	488	66	300	0	270	893
Marquette U.	196	3,355	0	0	1,221	1,112	408	0	0	0	614	0
California State U., San Bernardino	197	3,316	130	67	113	330	1,135	223	0	779	0	539
Hampton U.	198	3,258	448	976	194	0	885	25	0	0	520	210
U. Texas Rio Grande Valley	199	3,249	146	342	132	151	1,233	0	175	0	799	271
Clarkson U.	200	3,235	362	0	56	269	586	0	28	0	1,830	104
Western Michigan U. and Homer Stryker M.D. School of Medicine	201	3,216	47	44	240	1	507	0	263	0	320	1,794
U. Memphis	202	3,195	1,445	191	247	298	494	0	0	0	447	73
Saint Louis U.	203	3,140	412	169	1,500	31	386	0	137	0	492	13
Kent State U.	204	3,130	283	153	232	254	1,333	98	154	0	531	92
Florida A&M U.	205	2,913	6	373	1,236	0	0	0	0	0	1,249	49
Idaho State U.	206	2,896	707	237	784	0	508	283	26	0	329	22
U. Louisiana, Lafayette	207	2,884	1,109	485	352	43	124	0	0	0	222	549
Tennessee Technological U.	208	2,869	1,231	0	0	0	702	0	0	0	936	0
Wake Forest U.	209	2,865	23	0	1,333	139	1,067	0	38	0	148	117

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
Illinois State U.	210	2,859	17	252	1,181	143	521	0	41	0	0	704
U. Massachusetts, Dartmouth	211	2,807	54	619	561	95	24	0	115	0	992	347
Montclair State U.	212	2,788	235	536	159	425	90	181	140	0	0	1,022
Fisk U.	213	2,784	0	0	2,784	0	0	0	0	0	0	0
CUNY, Lehman C.	214	2,777	0	0	0	0	1,495	0	686	0	0	596
U. Denver	215	2,707	111	118	204	92	990	65	294	0	751	82
U. Alaska, Anchorage	216	2,696	39	359	1,334	0	0	0	195	552	158	59
Ohio U.	217	2,685	70	112	708	67	686	100	12	0	822	108
Texas State U.	218	2,673	599	166	257	680	198	0	192	0	142	439
CUNY, Hunter C.	219	2,627	70	88	82	43	670	38	166	0	0	1,470
Western Washington U.	220	2,596	0	664	114	222	483	32	143	578	292	68
Villanova U.	221	2,585	73	329	338	127	454	178	0	0	957	129
U. Nebraska, Omaha	222	2,565	1,439	0	20	137	0	0	57	0	91	821
Bowling Green State U.	223	2,512	110	129	50	123	470	0	69	0	0	1,561
Northern Illinois U.	224	2,500	35	309	155	52	1,272	20	61	0	123	473
Rockefeller U.	225	2,493	0	0	2,106	277	110	0	0	0	0	0
California State U., San Marcos	226	2,469	586	0	289	17	551	246	49	665	0	66
North Carolina Central U.	227	2,465	0	21	44	0	2,198	0	0	0	202	0
Oregon Health and Science U.	228	2,383	0	0	1,852	0	0	0	0	0	531	0
Delaware State U.	229	2,357	0	0	1,088	272	756	0	0	0	229	12
Texas A&M U.-Corpus Christi	230	2,337	850	680	244	0	275	0	0	0	112	176
Rowan U.	231	2,297	48	73	15	0	838	0	1	0	1,300	22
San Jose State U.	232	2,283	0	1,341	324	0	207	107	36	0	268	0
Virginia State U.	233	2,226	0	0	3	1,010	0	0	0	0	125	1,088
CUNY, Queens C.	234	2,196	73	311	0	221	749	20	228	0	0	594
U. Washington, Bothell	235	2,148	72	99	281	20	215	0	0	31	146	1,284
Medical U. South Carolina	236	2,092	0	0	2,092	0	0	0	0	0	0	0
Morehouse C.	236	2,092	600	0	98	85	383	61	26	839	0	0
California State U., Los Angeles	238	2,081	0	0	379	28	1,559	0	0	0	115	0
Teachers C., Columbia U.	239	2,060	1,201	0	143	0	0	224	492	0	0	0
U. Nebraska, central administration	240	2,037	0	0	1,935	0	102	0	0	0	0	0
Oakland U.	241	2,029	312	0	329	28	556	206	0	0	598	0
Wesleyan U.	242	2,007	0	57	495	264	544	437	0	0	0	210

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
Murray State U.	243	1,994	0	0	1,672	61	261	0	0	0	0	0
U. Hawaii, Hilo	244	1,978	0	0	1,096	742	33	0	107	0	0	0
CUNY, Graduate Center	245	1,965	0	0	43	34	270	285	1,190	0	0	143
CUNY, system office	246	1,957	0	148	3	0	0	0	0	0	912	894
Loyola U., Chicago	247	1,949	27	13	749	345	512	250	53	0	0	0
Catholic U. of America	248	1,942	0	0	115	0	1,100	145	0	91	489	2
Prairie View A&M U.	248	1,942	118	0	57	0	216	0	0	22	1,429	100
Clark U.	250	1,931	33	216	944	0	341	0	397	0	0	0
Baylor U.	251	1,900	0	172	265	253	616	0	0	230	364	0
Marshall U.	252	1,898	0	0	1,524	0	374	0	0	0	0	0
U. North Carolina, Greensboro	253	1,868	0	0	123	154	406	0	87	0	0	1,098
California State U., Fullerton	254	1,863	0	156	457	0	867	0	1	0	288	94
U. North Carolina, Wilmington	255	1,862	69	574	716	67	430	0	0	0	0	6
Southern U. and A&M C., Baton Rouge	256	1,859	35	0	0	9	328	0	0	0	1,023	464
Arkansas State U., Jonesboro	257	1,796	148	0	972	0	433	0	0	243	0	0
Florida Institute of Technology	258	1,782	0	348	464	43	352	0	0	0	575	0
CUNY, C. Staten Island	259	1,775	53	0	56	222	871	271	8	0	0	294
Pace U.	260	1,755	609	0	120	0	47	0	0	0	0	979
Norfolk State U.	261	1,727	26	0	80	58	125	0	0	0	1,438	0
Clark Atlanta U.	262	1,721	20	0	804	128	768	0	1	0	0	0
Barnard C.	263	1,714	0	0	28	66	791	614	45	0	0	170
U. Puerto Rico, Medical Sciences Campus	264	1,707	0	0	1,707	0	0	0	0	0	0	0
Carleton C.	265	1,705	73	1,330	108	0	194	0	0	0	0	0
U. Tennessee, Chattanooga	266	1,691	462	0	563	29	0	0	0	0	637	0
U. Missouri, Kansas City	267	1,636	138	208	167	6	351	0	1	0	755	10
Dakota State U.	268	1,628	1,628	0	0	0	0	0	0	0	0	0
DePaul U.	269	1,590	1,436	18	46	0	53	32	0	0	0	5
Amherst C.	270	1,565	0	0	204	163	1,124	29	45	0	0	0
CUNY, Advanced Science Research Center	271	1,553	0	0	819	0	141	0	0	0	593	0
Central Michigan U.	272	1,547	0	17	910	125	305	28	0	0	162	0
Cleveland State U.	273	1,517	0	0	146	211	92	0	0	0	1,068	0

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
South Carolina State U.	274	1,514	100	0	0	0	604	0	0	0	281	529
Spelman C.	275	1,492	86	0	432	202	557	156	43	0	16	0
Southern Illinois U., Carbondale	276	1,490	13	336	194	2	446	0	56	178	265	0
Smith C.	277	1,475	120	0	532	170	317	0	0	0	336	0
U. San Diego	278	1,456	0	150	22	169	611	0	0	0	504	0
Pacific U.	279	1,448	0	0	28	0	283	0	82	0	0	1,055
Baylor C. of Medicine	280	1,445	0	0	1,445	0	0	0	0	0	0	0
SUNY, Polytechnic Institute	281	1,431	0	0	47	0	0	0	0	0	1,384	0
Oberlin C.	282	1,427	130	94	716	1	422	27	37	0	0	0
Southern Illinois U., Edwardsville	283	1,425	80	89	0	199	244	0	24	50	270	469
James Madison U.	284	1,424	46	180	280	81	588	0	0	0	164	85
U. Missouri, Saint Louis	285	1,400	0	0	228	0	1,025	0	10	0	0	137
U.S. Naval Academy	286	1,387	308	152	0	158	668	0	0	0	101	0
Desert Research Institute	287	1,367	0	1,367	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	288	1,362	0	0	0	0	912	0	313	0	137	0
U. Colorado Colorado Springs	289	1,349	652	0	157	66	68	134	3	0	76	193
American U.	290	1,344	159	44	290	85	202	0	77	323	0	164
U. Tulsa	291	1,336	493	31	264	0	33	7	66	0	442	0
U. Dayton	292	1,314	0	111	409	0	138	0	0	0	623	33
C. Charleston	293	1,288	235	404	343	36	240	0	0	0	0	30
Wright State U.	294	1,287	435	79	97	9	316	0	0	0	351	0
Wellesley C.	295	1,272	417	154	279	0	239	0	183	0	0	0
U. Nebraska, Medical Center	296	1,271	0	0	1,271	0	0	0	0	0	0	0
California State Polytechnic U., Pomona	297	1,262	144	155	25	33	605	0	0	0	265	35
U. Arkansas, Little Rock	298	1,261	476	0	205	0	548	0	0	0	32	0
Wichita State U.	299	1,259	0	9	151	95	398	19	0	0	574	13
Alabama State U.	300	1,245	0	0	1,245	0	0	0	0	0	0	0
Harvey Mudd C.	301	1,230	516	0	209	151	156	0	0	20	178	0
California State U., Bakersfield	302	1,229	0	147	34	992	0	0	0	0	56	0
Toyota Technological Institute, Chicago	303	1,225	1,225	0	0	0	0	0	0	0	0	0
Tennessee State U.	304	1,217	153	0	278	0	1	361	0	0	54	370

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CUNY, Brooklyn C.	305	1,215 i	248 i	7 i	324 i	158 i	96 i	234 i	34 i	0 i	0 i	114 i
Tougaloo C.	306	1,211	0	0	0	0	849	0	0	0	0	362
Seattle U.	307	1,193	0	37	116	81	50	0	122	0	54	733
Naval Postgraduate School	308	1,184	6	1,131	0	16	31	0	0	0	0	0
U. Guam	309	1,180	0	978	2	28	0	0	0	0	0	172
Hofstra U.	310	1,177	0	0	317	0	0	0	0	0	502	358
California State U., Fresno	311	1,171	46	10	400	182	300	0	70	0	161	2
Central Washington U.	312	1,166	0	781	200	112	69	0	0	0	4	0
Bowie State U.	313	1,148	120	0	108	0	112	0	0	0	0	808
U. Massachusetts, Medical School	314	1,133	0	0	1,133	0	0	0	0	0	0	0
U. Texas Southwestern Medical Center	315	1,123	0	0	1,123	0	0	0	0	0	0	0
Hope C.	316	1,121	0	0	316	2	687	0	0	0	116	0
Morgan State U.	317	1,120	96	20	227	86	6	0	0	0	674	11
Bucknell U.	318	1,091	24	22	87	222	177	0	0	67	298	194
Chapman U.	319	1,087	72	0	397	0	194	0	162	0	0	262
Alabama A&M U.	320	1,074 i	141 i	0 i	181 i	48 i	224 i	15 i	31 i	0 i	366 i	68 i
Mount Holyoke C.	321	1,054	226	0	87	24	589	0	128	0	0	0
Reed C.	322	1,040	117	0	673	121	56	47	26	0	0	0
Northeastern Illinois U.	323	1,034	217	54	17	60	84	179	82	0	0	341
CUNY, New York City C. of Technology	324	1,020	204	209	0	119	222	0	0	0	170	96
U. of the District of Columbia	325	1,014	0	0	0	629	0	0	0	0	385	0
Franklin and Marshall C.	326	1,001	46	442	400	0	113	0	0	0	0	0
Black Hills State U.	327	979	0	0	21	0	371	0	0	0	0	587
Occidental C.	328	973	254	161	478	38	39	0	3	0	0	0
New School	329	965	0	373	0	0	0	495	0	0	68	29
Fordham U.	330	959	0	0	461	58	13	284	25	0	0	118
Middle Tennessee State U.	331	932	226	0	169	0	114	0	4	0	0	419
U. Tennessee, Knoxville, Institute of Agriculture	332	919	0	0	730	0	0	0	0	25	164	0
Lamar U.	333	918	513	0	17	82	64	0	0	0	241	1
Williams C.	334	898	60	99	245	231	208	0	55	0	0	0

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New York Institute of Technology	335	895	171	0	443	0	0	0	0	0	281	0
Bowdoin C.	336	894	13	45	574	58	160	0	44	0	0	0
Ball State U.	337	891	190	0	95	38	502	0	60	0	0	6
U. Michigan, Dearborn	338	889	0	0	73	80	85	0	0	0	632	19
Swarthmore C.	339	869	0	0	467	108	118	0	0	110	0	66
U. Maryland, Eastern Shore	340	867	0	867	0	0	0	0	0	0	0	0
U. New Orleans	341	861	206	0	40	18	409	0	0	0	180	8
Union C., Schenectady	342	859	293	125	14	0	417	0	0	0	10	0
CUNY, John Jay C. of Criminal Justice	343	848	74	0	29	0	13	290	0	0	0	442
Vassar C.	344	830	153	0	13	424	131	48	61	0	0	0
Bates C.	345	828	47	83	269	11	169	25	224	0	0	0
California State U., Long Beach	346	811	0	0	38	66	476	33	8	0	190	0
Santa Clara U.	347	809	21	7	197	0	243	0	110	35	129	67
U. New England	348	804	0	503	301	0	0	0	0	0	0	0
Purdue U., Northwest	349	802	442	0	39	0	111	0	0	33	177	0
Western Kentucky U.	350	801	0	31	278	48	423	18	0	0	2	1
Xavier U. Louisiana	350	801	20	0	53	0	603	0	0	0	34	91
Texas Southern U.	352	797	225	119	0	144	179	0	0	0	130	0
Northwest Indian C.	353	783	0	427	89	0	0	0	0	0	0	267
SUNY, C. of Environmental Science and Forestry	354	777	0	314	370	0	0	0	61	0	32	0
Kennesaw State U.	355	768	174	0	32	5	389	0	11	0	0	157
U. Northern Colorado	356	765	0	71	152	482	0	31	19	0	0	10
U. Washington, Tacoma	357	759	250	125	36	0	0	0	36	32	0	280
Bryn Mawr C.	358	752	222	0	168	73	282	0	7	0	0	0
Chicago State U.	359	748	0	0	0	0	744	0	0	0	0	4
U.S. Air Force Academy	360	745	0	0	0	0	720	0	25	0	0	0
U. North Florida	361	736	0	0	137	0	218	0	82	0	58	241
Duquesne U.	362	729	0	0	184	95	434	0	0	0	0	16
Appalachian State U.	363	725	162	248	154	0	27	13	121	0	0	0
Icahn School of Medicine at Mount Sinai	364	715	0	0	715	0	0	0	0	0	0	0

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U. Northern Iowa	365	712	0	0	8	0	60	0	644	0	0	0
Saint Michael's C.	366	711	0	0	626	25	60	0	0	0	0	0
Fayetteville State U.	367	694	220	0	307	167	0	0	0	0	0	0
Eastern Michigan U.	368	692	7	242	256	105	24	0	13	0	0	45
Polytechnic U. Puerto Rico	369	684	684	0	0	0	0	0	0	0	0	0
Kenyon C.	370	681	0	0	389	0	292	0	0	0	0	0
Colby C.	371	680	27	122	307	0	209	8	7	0	0	0
Doane U.	372	678	170	0	248	0	60	0	0	0	0	200
Middlebury C.	373	676	184	227	19	0	124	0	122	0	0	0
Haverford C.	374	673	52	160	0	29	329	103	0	0	0	0
Colgate U.	375	672	160	172	99	0	168	26	47	0	0	0
U. Texas M. D. Anderson Cancer Center	376	671	0	0	455	216	0	0	0	0	0	0
Towson U.	377	663	168	63	196	0	218	0	15	0	0	3
Claremont McKenna C.	378	660	0	173	267	64	140	16	0	0	0	0
Stephen F. Austin State U.	379	655	0	0	0	640	0	0	0	0	15	0
Texas A&M U.-Kingsville	380	648	0	143	0	0	0	0	0	2	503	0
U. Texas Health Science Center, Houston	381	644	0	0	644	0	0	0	0	0	0	0
Indiana U. Pennsylvania	382	636	8	478	0	0	46	104	0	0	0	0
Macalester C.	383	625	0	285	48	15	270	0	7	0	0	0
Claflin U.	384	622	13	47	52	27	341	0	0	0	142	0
California State U., Maritime Academy	385	617	0	0	0	0	0	0	0	0	617	0
Pomona C.	386	616	71	67	58	179	217	0	24	0	0	0
Rutgers, State U. New Jersey, Camden	387	615	590	0	0	0	0	0	25	0	0	0
Pepperdine U.	388	614	0	0	217	0	0	0	0	0	0	397
Creighton U.	389	611	i 113	i 54	i 95	i 42	i 224	i 15	i 23	i 0	i 0	i 45
Salisbury U.	390	602	119	99	0	0	265	0	0	0	0	119
East Tennessee State U.	391	600	0	0	148	16	187	0	249	0	0	0
California State U., Stanislaus	392	586	290	0	136	160	0	0	0	0	0	0
Gallaudet U.	392	586	160	5	68	0	22	179	0	0	0	152
Claremont Graduate U.	394	583	46	0	0	0	0	78	0	0	0	459

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
Lewis and Clark C.	395	573	32	0	369	19	153	0	0	0	0	0
Skidmore C.	396	570	0	247	122	0	150	51	0	0	0	0
Sam Houston State U.	397	568	0	0	103	295	151	0	19	0	0	0
Furman U.	398	556	0	16	46	0	459	22	13	0	0	0
U. of the Pacific	399	551	0	0	241	0	310	0	0	0	0	0
California State U., Monterey Bay	400	547	141	341	0	0	65	0	0	0	0	0
West Virginia State U.	401	545	0	0	545	0	0	0	0	0	0	0
Gettysburg C.	402	541	0	0	6	0	206	0	329	0	0	0
Georgia Southern U.	403	532	34	31	135	9	152	0	0	6	165	0
California State U., Sacramento	404	530	3	12	10	5	97	109	51	3	1	239
Trinity C., Hartford	405	528	0	0	408	0	92	0	28	0	0	0
Davidson C.	406	524	0	0	248	0	41	100	135	0	0	0
Coastal Carolina U.	407	513	0	465	48	0	0	0	0	0	0	0
Fort Lewis C.	408	509	0	0	57	0	0	0	0	0	452	0
California State U., Dominguez Hills	409	494	108	0	162	20	0	78	0	0	0	126
Savannah State U.	410	483	0	220	6	0	40	0	140	0	77	0
U. West Florida	411	479	0	0	201	0	145	0	0	0	0	133
CUNY, Baruch C.	412	478	0	0	94	155	0	62	167	0	0	0
Fairfield U.	412	478	0	0	78	43	357	0	0	0	0	0
U. Oklahoma, Tulsa	414	477	0	0	0	0	0	0	0	0	457	20
U. Wisconsin-Eau Claire	415	468	0	5	35	41	384	0	0	0	0	3
Humboldt State U.	416	464	0	115	301	0	48	0	0	0	0	0
SUNY, Geneseo	417	462	0	87	2	60	241	0	50	0	0	22
Texas A&M U.-Commerce	418	444	0	0	0	0	444	0	0	0	0	0
Texas Christian U.	419	442	26	54	0	52	227	79	4	0	0	0
Florida Gulf Coast U.	420	438	27	231	0	0	0	0	0	0	53	127
California State U., Chico	421	437	14	75	0	61	149	0	0	0	10	128
Augsburg U.	422	430	0	0	0	0	404	26	0	0	0	0
CUNY, York C.	422	430	0	0	72	0	332	0	0	0	0	26
Central State U.	424	429	8	0	12	44	63	0	0	225	77	0
Hobart and William Smith Colleges	424	429	0	83	82	78	186	0	0	0	0	0

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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	426	427	0	0	99	0	220	0	0	0	0	108
Grambling State U.	427	424	0	0	0	0	424	0	0	0	0	0
Willamette U.	428	422	0	0	135	0	194	19	0	0	0	74
Trinity U.	429	416	0	28	0	39	303	0	0	0	0	46
Loyola Marymount U.	430	415	0	0	272	74	0	0	0	0	0	69
Lafayette C.	431	414	0	0	0	96	213	0	0	0	102	3
U. Alaska, Southeast	432	410	0	134	180	0	0	0	0	96	0	0
California State U., Channel Islands	433	406	0	0	0	283	54	0	0	69	0	0
Providence C.	434	400	0	166	136	0	58	0	0	0	40	0
U. Central Oklahoma	435	399	133	0	124	94	4	0	0	44	0	0
U. North Carolina, Asheville	435	399	58	10	55	0	0	0	0	0	0	276
Texas Tech U., Health Sciences Center	437	388	0	0	331	0	0	0	0	0	0	57
Winthrop U.	438	383	0	5	1	0	156	0	14	0	0	207
Pennsylvania State U., Behrend	439	381	35	8	9	9	17	0	0	0	303	0
U. Central Arkansas	440	378	119	0	0	10	222	0	0	27	0	0
Calvin U.	441	374	10	0	152	0	191	0	0	0	21	0
Minnesota State U., Mankato	441	374	0	0	136	0	18	0	46	0	174	0
Western Carolina U.	443	368	0	101	11	0	133	0	3	0	114	6
Nova Southeastern U.	444	365	216	86	0	0	0	63	0	0	0	0
U. Houston-Downtown	444	365	49	0	0	72	0	0	0	0	0	244
U. New Haven	444	365	66	0	0	0	299	0	0	0	0	0
U. Texas Medical Branch	447	363	0	0	363	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	448	360	0	0	0	0	360	0	0	0	0	0
Fort Valley State U.	449	359	0	0	255	0	104	0	0	0	0	0
Alfred U.	450	356	0	0	10	0	0	0	0	0	346	0
Grand Valley State U.	451	355	0	26	98	166	65	0	0	0	0	0
New Jersey City U.	451	355	100	25	0	0	30	0	0	0	0	200
U. Texas, Tyler	453	354	28	0	163	76	0	0	34	0	53	0
Montana Technological U.	454	351	0	84	0	0	0	0	0	0	267	0
Long Island U.	455	349	0	26	16	0	171	0	0	0	0	136
Grinnell C.	456	346	124	0	36	89	31	0	28	0	0	38
Lincoln U., Jefferson City	457	343	0	0	36	234	71	0	0	2	0	0

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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
West Texas A&M U.	458	335	0	14	0	50	72	0	13	0	186	0
U. Arkansas for Medical Sciences	459	331	0	0	331	0	0	0	0	0	0	0
Salish Kootenai C.	460	328	0	0	6	0	0	0	0	0	0	322
U. Richmond	461	325	0	0	138	41	88	58	0	0	0	0
Roger Williams U.	462	322	0	94	88	0	139	0	0	0	0	1
Christopher Newport U.	463	321	0	0	0	0	321	0	0	0	0	0
U. Nebraska, Kearney	464	320	0	0	312	0	6	0	2	0	0	0
Medical C. Wisconsin	465	318	0	0	318	0	0	0	0	0	0	0
Mills C.	466	314	0	0	0	0	0	0	0	0	0	314
Benedict C.	467	313	32	0	49	33	64	0	0	0	135	0
Purdue U., Fort Wayne	468	309	0	0	0	22	101	0	0	0	155	31
U. of the Incarnate Word	469	305	0	0	0	127	178	0	0	0	0	0
Kettering U.	470	297	0	0	0	0	116	0	0	0	181	0
Southern Connecticut State U.	471	292	0	0	0	0	170	81	0	0	0	41
Whitman C.	472	290	0	1	96	0	180	0	13	0	0	0
SUNY, Oswego	473	288	0	25	215	0	4	0	0	7	37	0
Colorado C.	474	281	0	44	115	0	0	0	0	0	0	122
U. Louisiana, Monroe	475	278	0	254	5	0	19	0	0	0	0	0
U. Wisconsin-La Crosse	476	276	5	0	96	74	99	0	2	0	0	0
Bradley U.	477	275	0	0	13	0	241	0	0	0	21	0
Augusta U.	478	269	10	0	221	23	0	0	15	0	0	0
St. Cloud State U.	479	266	0	0	48	0	0	0	0	0	0	218
SUNY, Downstate Medical Center	479	266	0	0	266	0	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	481	262	0	0	262	0	0	0	0	0	0	0
Erikson Institute	482	257	0	0	0	0	0	0	0	0	0	257
C. Wooster	483	255	0	12	7	62	153	21	0	0	0	0
Johnson C. Smith U.	483	255	150	0	105	0	0	0	0	0	0	0
U. of St. Thomas (MN)	485	253	10	0	186	17	22	0	0	0	18	0
U. South Carolina, Aiken	486	252	0	0	252	0	0	0	0	0	0	0
Albany State U.	487	249	0	0	87	0	0	0	0	0	0	162
Dillard U.	488	245	0	0	245	0	0	0	0	0	0	0

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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 Kentucky U.	489	244	0	0	12	0	162	0	1	0	0	69
St. John's U., New York	490	235	0	0	24	53	158	0	0	0	0	0
West Chester U. Pennsylvania	491	219	0	0	75	62	82	0	0	0	0	0
Allegheny C.	492	217	0	0	18	0	72	0	0	93	0	34
St. Olaf C.	493	213	5	0	57	87	60	0	0	0	0	4
William Paterson U.	494	211	0	211	0	0	0	0	0	0	0	0
Eastern Kentucky U.	495	208	0	0	158	50	0	0	0	0	0	0
U. North Georgia	495	208	0	20	6	0	8	0	0	0	0	174
Bethune-Cookman U.	497	206	23	0	29	59	0	0	0	0	0	95
Austin Peay State U.	498	205	0	0	28	0	177	0	0	0	0	0
Connecticut C.	498	205	0	0	84	0	121	0	0	0	0	0
Keene State C.	498	205	0	39	158	0	0	0	0	0	8	0
SUNY, Buffalo State	498	205	0	169	14	0	17	0	0	0	0	5
Indiana State U.	502	200	0	111	0	27	62	0	0	0	0	0
U. Ana G. Mendez, Gurabo	502	200	0	0	171	0	29	0	0	0	0	0
Albert Einstein C. of Medicine	504	199	0	0	199	0	0	0	0	0	0	0
U. Minnesota, Morris	505	195	0	159	0	36	0	0	0	0	0	0
Canisius C.	506	189	0	0	0	0	189	0	0	0	0	0
Alaska Pacific U.	507	182	0	35	0	0	0	0	0	0	0	147
U. Hartford	508	180	7	0	38	135	0	0	0	0	0	0
U. Wisconsin-Oshkosh	509	179	21	25	22	7	31	2	5	0	55	11
Augustana U.	510	176	0	0	71	0	105	0	0	0	0	0
New York Medical C.	511	174	0	0	174	0	0	0	0	0	0	0
Alcorn State U.	512	171	0	0	0	0	0	0	0	0	171	0
U. San Francisco	512	171	0	170	0	1	0	0	0	0	0	0
U. Wisconsin-Stevens Point	514	169	18	21	22	6	26	2	4	0	62	8
Yeshiva U.	514	169	0	0	169	0	0	0	0	0	0	0
Manhattan C.	516	166	0	14	9	0	0	0	0	0	143	0
Eastern Connecticut State U.	517	157	0	0	157	0	0	0	0	0	0	0
SUNY, C. Brockport	518	156	0	0	123	0	0	0	33	0	0	0
Rhode Island C.	519	154	0	0	128	0	26	0	0	0	0	0
Pittsburg State U.	520	152	0	0	150	0	2	0	0	0	0	0
Missouri State U.	521	151	0	11	50	0	90	0	0	0	0	0

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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	522	150	0	0	0	0	0	0	0	0	150	0											
U. North Texas, Health Science Center	523	146	0	0	146	0	0	0	0	0	0	0											
Eastern Washington U.	524	145	0	0	26	2	103	0	0	0	14	0											
SUNY, C. Plattsburgh	524	145	0	16	92	0	37	0	0	0	0	0											
SUNY, Upstate Medical U.	526	144	0	0	144	0	0	0	0	0	0	0											
Franklin W. Olin C. of Engineering	527	141	0	0	0	0	0	0	0	0	94	47											
Saint Joseph's U.	528	136	15	0	12	0	0	39	0	0	0	70											
Texas Woman's U.	529	133	15	0	53	0	0	0	0	0	0	65											
Tarleton State U.	530	132	0	0	106	26	0	0	0	0	0	0											
CUNY, Medgar Evers C.	531	130	0	0	0	51	79	0	0	0	0	0											
Western Illinois U.	531	130	0	3	108	0	19	0	0	0	0	0											
Elon U.	533	129	42	0	0	0	0	0	0	0	67	20											
U. of Mary Washington	534	128	0	16	64	0	48	0	0	0	0	0											
U. Southern Maine	535	125	0	0	1	0	0	0	0	0	0	124											
Fort Hays State U.	536	116	0	50	60	0	2	0	0	0	0	4											
U. Wisconsin-Green Bay	536	116	i	13	i	16	i	17	i	5	i	21	i	1	i	4	i	0	i	33	i	6	i
U.S. Military Academy	536	116	116	0	0	0	0	0	0	0	0	0											
Kentucky State U.	539	113	110	0	0	3	0	0	0	0	0	0											
Drake U.	540	112	0	0	0	0	99	0	13	0	0	0											
U. Portland	541	110	0	0	0	20	0	90	0	0	0	0											
Northeast Ohio Medical U.	542	109	0	0	31	0	0	0	78	0	0	0											
U. Tennessee, Health Science Center	543	107	0	0	107	0	0	0	0	0	0	0											
U. Houston-Clear Lake	544	106	0	0	9	0	70	27	0	0	0	0											
Louisiana State U., Health Sciences Center, New Orleans	545	101	0	0	101	0	0	0	0	0	0	0											
Andrews U.	546	95	0	54	0	0	0	0	0	0	41	0											
Lawrence Technological U.	547	94	0	0	0	53	0	0	0	0	41	0											
U. South Florida, Saint Petersburg	548	92	0	0	0	0	61	0	0	0	0	31											
U. Massachusetts, central office	549	88	0	0	0	0	0	0	7	0	11	70											

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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 Michigan U.	550	87	0	41	34	0	0	0	0	0	0	12
U. Texas Health Science Center, San Antonio	551	85	0	0	85	0	0	0	0	0	0	0
Rhode Island School of Design	552	83 i	15 i	0 i	52 i	0 i	0 i	0 i	6 i	0 i	0 i	10 i
CUNY, Graduate School of Public Health and Health Policy	553	81	0	0	81	0	0	0	0	0	0	0
Southeastern Louisiana U.	553	81	0	0	53	0	28	0	0	0	0	0
Florida Polytechnic U.	555	78	49	0	0	0	0	0	0	0	29	0
Des Moines U.	556	77	0	77	0	0	0	0	0	0	0	0
Wheaton C., Wheaton	557	75	0	75	0	0	0	0	0	0	0	0
Hamilton C.	558	73	0	0	51	0	0	0	22	0	0	0
Albion C.	559	70	0	0	0	0	70	0	0	0	0	0
Youngstown State U.	560	69	9	0	0	0	60	0	0	0	0	0
Oregon Institute of Technology	561	66 i	8 i	19 i	21 i	9 i	0 i	0 i	0 i	0 i	7 i	2 i
Biola U.	562	65 i	8 i	0 i	6 i	3 i	14 i	1 i	1 i	0 i	30 i	2 i
U. Wisconsin-Platteville	562	65 i	4 i	11 i	11 i	6 i	16 i	1 i	1 i	0 i	5 i	10 i
Emerson C.	564	64	64	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	565	60	0	0	60	0	0	0	0	0	0	0
Azusa Pacific U.	566	58	0	0	0	18	28	0	0	0	0	12
Morehouse School of Medicine	567	57	0	0	57	0	0	0	0	0	0	0
Langston U.	568	56	0	0	0	0	0	0	0	0	0	56
U. Arkansas, Pine Bluff	568	56	0	0	0	0	56	0	0	0	0	0
Mercyhurst U.	570	54 i	9 i	10 i	8 i	4 i	18 i	1 i	1 i	0 i	0 i	3 i
Oklahoma State U., Center for Health Sciences	570	54	0	0	0	0	0	0	0	0	54	0
Van Andel Research Institute	570	54	0	0	54	0	0	0	0	0	0	0
Dine C.	573	53	0	0	53	0	0	0	0	0	0	0
California Lutheran U.	574	52	0	0	0	0	36	0	16	0	0	0
Keck Graduate Institute	574	52 i	14 i	0 i	11 i	6 i	0 i	0 i	0 i	0 i	18 i	3 i
U. of the Sciences Philadelphia	574	52	0	0	23	0	29	0	0	0	0	0
Colorado State U., Pueblo	577	50	0	0	0	11	0	0	0	0	39	0
U.S. Army War C.	577	50 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	50 i
C. of Saint Benedict	579	45 i	24 i	0 i	0 i	0 i	21 i	0 i	0 i	0 i	0 i	0 i

TABLE 63
 Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2019
 (Dollars in thousands)

Institution	Rank	NSF 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 A&M U.-Central Texas	579	45	0	0	0	0	0	0	0	0	45	0
U. Puerto Rico, Cayey	579	45	0	0	45	0	0	0	0	0	0	0
Thomas Jefferson U.	582	44	0	0	44	0	0	0	0	0	0	0
Touro U.	583	43	0	0	43	0	0	0	0	0	0	0
Dickinson C.	584	41	0	0	2	0	39	0	0	0	0	0
Jacksonville State U.	585	39	3	0	14	0	0	0	0	0	22	0
Maine Maritime Academy	585	39	0	0	0	0	0	0	0	0	39	0
Central Connecticut State U.	587	38	0	14	0	0	24	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	588	34	0	0	34	0	0	0	0	0	0	0
Hawaii Pacific U.	589	33	0	2	10	11	0	0	0	0	10	0
La Sierra U.	590	32	0	0	32	0	0	0	0	0	0	0
Midwestern U.	591	31	0	0	31	0	0	0	0	0	0	0
Rider U.	592	29	0	11	0	5	13	0	0	0	0	0
Morehead State U.	593	25	0	7	0	0	0	0	0	0	0	18
U. Wisconsin-Superior	593	25	0	25	0	0	0	0	0	0	0	0
Western U. of Health Sciences	595	20	0	0	20	0	0	0	0	0	0	0
Pennsylvania State U., Harrisburg	596	17	2	2	3	1	2	0	0	0	7	0
Saginaw Valley State U.	597	15	0	0	0	0	15	0	0	0	0	0
Babson C.	598	14	0	0	0	0	0	0	0	0	0	14
Eastern Virginia Medical School	599	12	0	0	12	0	0	0	0	0	0	0
U. Baltimore	599	12	10	0	0	0	0	0	2	0	0	0
Marshall B. Ketchum U.	601	10	i	0	i	0	i	0	i	0	i	0
U. Detroit Mercy	602	4	0	0	0	0	0	0	0	0	4	0
Rush U.	603	3	0	0	3	0	0	0	0	0	0	0
Texas A&M International U.	603	3	0	0	0	0	0	0	0	0	3	0

i = imputed.

NSF = National Science Foundation; 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 \$2,093 thousand in R&D expenditures financed by NSF 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.