

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 2020**

(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	-	5,414,611	746,405	665,890	716,140	225,661	1,069,626	81,117	150,122	98,090	1,362,626	298,934
U. Texas, Austin	1	144,693	87,408	7,438	7,140	2,566	7,212	871	2,334	0	26,897	2,827
U. Illinois, Urbana-Champaign	2	127,552	52,238	2,613	7,031	2,398	22,217	2,516	1,180	0	32,822	4,537
U. Washington, Seattle	3	125,722	9,163	40,163	10,116	2,383	15,956	773	2,315	0	32,018	12,835
Cornell U.	4	110,447	12,275	4,165	20,354	2,378	38,989	641	2,617	0	28,033	995
Texas A&M U., College Station and Health Science Center	5	108,498	4,871	66,614	5,702	3,367	6,473	19	699	25	20,057	671
Woods Hole Oceanographic Institution	6	105,458	0	61,289	0	0	0	0	0	0	44,169	0
Massachusetts Institute of Technology	7	98,283	15,928	8,961	8,633	3,871	28,925	75	1,042	1,451	28,243	1,154
California Institute of Technology	8	96,277	2,766	8,292	2,562	755	76,760	0	0	0	4,218	924
U. Michigan, Ann Arbor	9	89,821	3,517	2,182	10,373	4,881	11,449	1,105	13,596	282	38,105	4,331
U. Wisconsin-Madison	10	89,371	12,215	10,902	8,993	3,471	26,697	1,406	2,058	1,377	15,574	6,678
U. California, San Diego	11	88,909	13,176	23,746	5,172	2,432	7,015	3,312	1,200	293	32,364	199
Columbia U. in the City of New York	12	86,265	9,817	35,180	7,575	2,308	10,965	352	1,570	0	14,011	4,487
U. Colorado Boulder	13	82,731	9,376	19,301	4,761	1,589	20,012	313	5,166	429	11,289	10,495
Michigan State U.	14	78,931	4,369	817	18,083	3,767	34,662	995	1,889	1,163	6,432	6,754
Stanford U.	15	78,681	5,614	4,039	6,112	3,521	14,540	1,529	2,238	0	17,168	23,920
Purdue U., West Lafayette	16	70,426	10,062	1,505	6,601	677	6,927	430	1,008	0	38,101	5,115
Arizona State U.	17	69,146	5,947	4,411	6,926	997	4,466	572	6,598	7,898	29,248	2,083
Princeton U.	18	68,930	10,667	7,783	5,066	4,517	25,331	1,026	2,153	0	12,339	48
U. California, Berkeley	19	68,052	158	2,416	10,191	5,074	15,086	1,324	596	4,953	25,213	3,041
Georgia Institute of Technology	20	67,630	14,103	2,628	1,959	3,633	7,669	100	1,831	0	32,235	3,472
U. Minnesota, Twin Cities	21	66,439	7,240	6,524	11,255	4,081	7,468	1,700	3,572	94	22,898	1,607
Pennsylvania State U., University Park and Hershey Medical Center	22	65,585	6,010	8,322	7,457	3,314	16,256	1,932	3,004	0	17,697	1,593
Florida State U.	23	63,396	2,707	3,513	4,060	1,086	31,565	182	448	32	16,510	3,293
U. California, Los Angeles	24	59,478	6,474	5,687	5,614	4,023	7,988	1,449	1,967	5,753	14,185	6,338
Carnegie Mellon U.	25	59,177	35,021	335	938	2,058	4,084	1,626	672	2,531	11,832	80
Ohio State U.	26	57,879	6,776	3,552	6,554	3,066	17,546	1,158	3,653	1,443	13,159	972
U. Maryland <sup>a</sup>	27	56,545	7,469	2,712	6,457	3,262	21,683	219	2,559	494	9,754	1,936
U. Southern California	28	56,035	21,041	5,157	8,993	1,068	4,314	473	909	0	12,349	1,731

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North Carolina State U.	29	55,600	8,150	1,592	8,023	5,685	3,554	376	753	152	24,224	3,091
Northwestern U.	30	49,659	3,108	284	3,392	1,580	14,343	628	2,146	11,005	12,763	410
Harvard U.	31	48,684	3,223	5,741	6,465	2,161	11,480	276	1,937	0	14,000	3,401
U. Arizona	32	48,163	2,338	5,637	13,302	1,656	9,860	290	2,939	1,994	8,730	1,417
U. Florida	33	48,114	4,653	6,595	8,823	379	7,468	298	687	0	14,130	5,081
Oregon State U.	34	47,950	1,539	17,553	9,174	802	2,141	349	1,101	3,548	7,568	4,175
U. Chicago	35	47,157	11,935	5,688	3,153	2,971	15,904	1,209	1,397	0	3,647	1,253
Virginia Polytechnic Institute and State U.	36	46,235	5,119	940	5,561	1,900	7,270	53	321	11	24,343	717
U. California, Irvine	37	45,598	6,810	3,511	4,353	3,000	10,847	979	1,148	0	9,169	5,781
U. California, Santa Barbara	38	44,669	2,196	8,314	3,303	942	16,123	1,046	787	6	11,201	751
Rutgers, State U. New Jersey, New Brunswick	39	44,032	4,380	7,490	6,655	4,412	6,990	788	193	21	10,228	2,875
Indiana U., Bloomington	40	43,122	19,163	841	3,305	1,071	8,659	1,876	1,466	4	4,171	2,566
U. Pennsylvania	41	43,067	3,964	601	3,802	1,175	15,655	1,193	1,566	51	8,088	6,972
New York U.	42	40,824	5,484	133	5,406	4,547	8,701	2,643	3,102	0	8,147	2,661
Northeastern U.	43	40,700	8,606	1,764	2,217	685	4,067	320	615	0	19,925	2,501
U. North Carolina, Chapel Hill	44	40,535	8,911	4,302	5,342	4,321	8,359	584	2,012	0	1,742	4,962
U. Massachusetts, Amherst	45	38,314	9,252	1,656	4,430	1,133	6,117	1,048	1,230	0	10,708	2,740
Johns Hopkins U. <sup>b</sup>	46	36,694	3,444	1,952	4,163	1,408	12,270	202	70	108	12,775	302
U. California, Davis	47	36,165	3,064	2,826	12,123	3,026	5,249	258	1,343	0	6,756	1,520
Rice U.	48	36,060	3,227	1,291	1,864	2,260	7,364	712	703	444	16,102	2,093
SUNY, Stony Brook U.	49	36,027	5,356	3,540	2,384	2,129	15,005	562	571	1,883	4,219	378
U. Utah	50	34,587	10,656	949	3,372	2,033	6,579	494	1,070	3	8,630	801
Duke U.	51	34,439	3,388	1,545	7,162	3,673	3,187	128	3,001	0	11,649	706
U. Alaska, Fairbanks	52	32,660	22	21,989	2,911	116	1,390	0	590	2,942	1,912	788
Boston U.	53	32,444	3,592	1,432	2,517	946	6,020	976	321	1,271	13,841	1,528
U. Delaware	54	31,843	3,252	5,707	3,815	891	6,953	1,128	1,744	482	6,500	1,371
U. Virginia, Charlottesville	55	31,618	7,072	2,934	1,874	834	4,745	600	2,098	1,113	7,932	2,416
SUNY, U. Buffalo	56	30,334	9,060	1,625	1,136	459	4,351	330	219	0	11,912	1,242
Iowa State U.	57	29,570	2,393	823	7,550	1,167	2,624	216	362	55	12,984	1,396
U. Hawaii, Manoa	58	29,444	2,141	18,396	1,692	296	3,357	53	937	460	1,918	194

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U. New Mexico	59	29,197	1,899	4,190	4,960	1,029	2,487	85	1,143	1,524	10,140	1,740
Colorado State U., Fort Collins	60	29,078	1,205	7,439	4,379	1,764	3,075	1,077	239	139	7,689	2,072
U. Pittsburgh, Pittsburgh	61	28,642	2,502	504	4,736	1,169	5,307	266	321	2,238	10,304	1,295
U. Georgia	62	28,103	842	2,704	14,956	1,013	1,652	1,245	725	69	2,949	1,948
U. Nebraska, Lincoln	63	28,026	3,375	893	10,565	579	7,029	401	513	0	3,455	1,216
Yale U.	64	27,645	2,497	1,662	8,166	1,516	5,349	994	1,540	0	5,765	156
U. Notre Dame	65	27,578	3,447	0	1,246	2,675	9,956	533	594	405	8,558	164
Brown U.	66	25,460	2,550	1,747	5,628	5,514	3,581	0	329	171	5,774	166
U. California, Riverside	67	24,384	4,172	904	5,903	759	5,808	263	417	34	5,783	341
U. Connecticut	68	24,383	2,202	2,633	4,679	1,181	2,942	1,347	521	496	6,284	2,098
Florida International U.	69	24,368	6,698	2,702	2,619	138	3,202	302	158	575	7,872	102
Vanderbilt U. and Vanderbilt U. Medical Center	70	23,791	0	657	2,275	847	2,130	2,315	99	0	9,216	6,252
U. Tennessee, Knoxville <sup>c</sup>	71	23,561	4,490	336	3,096	388	1,996	800	282	600	11,206	367
U. Central Florida	72	22,704	2,741	1	1,052	780	2,834	16	290	109	13,349	1,532
U. Illinois, Chicago	73	21,625	5,178	44	1,637	2,383	4,160	205	42	0	5,835	2,141
Washington U., Saint Louis	74	21,551	2,874	1,228	4,378	856	3,617	121	300	2,104	5,788	285
U. Wyoming	75	19,828	259	8,113	3,629	797	810	168	156	4,759	1,029	108
U. New Hampshire	76	18,563	576	4,268	4,902	290	1,841	14	225	0	5,735	712
U. Rhode Island	77	18,523	401	7,216	2,156	0	1,088	0	625	4,239	2,438	360
Clemson U.	78	18,435	1,461	0	1,676	843	1,861	246	280	0	10,292	1,776
U. Kansas	79	18,369	1,075	1,992	7,767	514	2,538	24	769	106	2,862	722
U. Missouri, Columbia	80	18,313	685	418	9,638	737	1,015	369	214	607	3,378	1,252
Dartmouth C. and Dartmouth Hitchcock Medical Center	81	17,832	2,090	677	1,779	654	2,498	2,588	419	606	5,999	522
Washington State U.	82	17,807	2,295	1,998	5,062	69	2,344	0	277	0	4,926	836
U. Rochester	83	16,881	2,238	1,980	1,630	185	4,822	375	203	517	3,844	1,087
U. South Carolina, Columbia	84	16,712	1,232	1,564	6,222	718	1,424	19	338	0	2,464	2,731
U. Houston	85	16,703	1,337	1,267	1,422	2,325	2,363	477	141	292	6,959	120
Colorado School of Mines	86	16,181	2,251	1,997	0	411	3,661	0	107	0	6,375	1,379
Louisiana State U., Baton Rouge	87	15,899	851	1,819	2,596	1,466	5,885	24	335	185	2,263	475
U. California, Santa Cruz	88	15,818	1,989	3,892	1,371	161	4,527	42	458	0	2,888	490

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U. Kentucky	89	15,661	864	242	4,289	497	3,331	0	168	201	5,695	374
U. Oregon	90	15,062	844	2,378	1,899	853	4,116	588	1,196	0	0	3,188
Kansas State U.	91	14,852	530	198	6,310	188	2,140	0	418	186	3,319	1,563
George Washington U.	92	14,795	2,091	243	1,392	398	2,023	98	2,152	769	4,856	773
Tufts U.	93	14,208	1,011	95	2,278	1,615	1,729	203	612	0	5,002	1,663
U. Idaho	94	14,093	855	571	8,118	118	3	0	918	0	2,071	1,439
U. Arkansas, Fayetteville	95	13,559	1,117	1,080	3,178	69	1,760	0	304	0	5,926	125
Drexel U.	96	13,275	1,891	0	1,365	452	757	0	1,032	200	5,497	2,081
U. Texas, Dallas	97	12,782	3,516	163	264	565	1,847	0	302	3	5,411	711
U. Montana, Missoula	98	12,725	966	1,980	7,798	626	782	0	546	0	0	27
U. South Florida, Tampa	99	12,607	1,732	2,731	886	688	2,027	71	666	0	3,278	528
Syracuse U.	100	12,593	773	1,292	1,280	300	4,229	0	900	102	3,605	112
U. Oklahoma, Norman and Health Science Center	101	12,520	468	2,464	3,346	361	1,997	55	653	0	2,953	223
Rensselaer Polytechnic Institute	102	12,507	1,638	372	1,331	486	1,072	178	101	0	7,265	64
Lehigh U.	103	12,443	1,084	978	1,133	194	815	144	0	0	7,899	196
Montana State U., Bozeman	104	12,179	879	1,526	2,514	743	1,714	0	35	1,705	2,800	263
Emory U.	105	12,065	208	53	2,758	972	6,331	338	634	0	732	39
U. Maine	106	11,554	573	3,130	2,607	65	734	0	112	3,267	927	139
U. Maryland, Baltimore County	107	11,350	4,579	394	978	354	1,245	0	102	1,129	1,856	713
New Mexico State U.	108	11,316	3,644	1,081	1,484	122	1,419	35	123	0	2,688	720
George Mason U.	109	11,173	2,653	1,795	257	386	763	253	517	0	2,110	2,439
U. North Carolina, Charlotte	110	11,143	5,425	378	277	460	934	23	1,279	0	1,868	499
Temple U.	111	11,136	1,759	321	1,466	493	3,059	1,814	478	0	681	1,065
U. Nevada, Reno	112	10,997	1,159	1,712	2,528	667	1,705	331	247	49	2,305	294
Rochester Institute of Technology	113	10,792	3,535	0	181	979	2,199	0	125	0	1,730	2,043
U. Vermont	114	10,774	358	347	3,106	129	2,018	0	208	3,819	789	0
U. Alabama, Tuscaloosa	115	10,698	1,181	650	1,241	226	1,597	305	529	0	3,824	1,145
West Virginia U.	116	10,599	482	209	1,369	296	4,888	26	238	196	2,051	844
Worcester Polytechnic Institute	117	10,551	4,390	0	476	380	580	0	952	0	3,292	481
U. Wisconsin-Milwaukee	118	10,529	0	603	658	3,170	4,237	49	109	0	1,392	311
U. Texas, El Paso	119	10,527	4,804	757	1,146	174	774	319	181	0	2,038	334

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U. Miami	120	10,214	0	7,132	1,097	301	597	845	11	0	147	84
CUNY, City C.	121	10,122	477	248	643	273	3,876	0	0	0	4,590	15
Mississippi State U.	122	9,986	969	54	1,185	172	1,093	0	12	0	6,026	475
New Jersey Institute of Technology	123	9,925	1,981	0	449	1,204	3,528	0	0	0	2,570	193
Boise State U.	124	9,894	953	1,895	2,959	699	364	0	13	253	1,716	1,042
U. Iowa	125	9,691	986	443	963	245	2,926	254	606	86	1,921	1,261
Auburn U., Auburn	126	9,435	608	435	1,883	332	2,201	38	27	286	3,380	245
Northern Arizona U.	127	9,101	587	2,650	3,172	0	577	52	45	121	1,094	803
Case Western Reserve U.	128	9,097	0	84	1,208	228	1,913	0	293	0	4,876	495
U. Texas, Arlington	129	9,087	2,518	72	1,141	648	1,928	0	0	0	2,491	289
North Carolina Agricultural and Technical State U.	130	8,725	585	0	1,292	635	889	0	0	0	4,244	1,080
Georgia State U.	131	8,620	985	149	517	478	3,559	1,078	550	0	0	1,304
SUNY, U. Albany	132	8,569	863	3,614	1,681	193	755	17	186	0	731	529
Wayne State U.	133	8,358	1,060	115	1,011	1,018	2,904	1	152	0	1,829	268
Oklahoma State U., Stillwater	134	8,336	277	55	1,994	545	1,085	193	81	764	2,968	374
U. Alabama, Huntsville	135	8,210	544	932	188	0	4,228	0	10	0	2,293	15
U. California, San Francisco	136	8,151	0	0	3,962	0	4,189	0	0	0	0	0
U. Cincinnati	137	7,959	123	171	1,538	321	2,189	21	251	0	2,536	809
Utah State U.	138	7,940	1,407	0	2,072	215	1,280	8	63	0	2,530	365
Texas Tech U.	139	7,778	1,107	761	813	231	829	181	24	0	3,362	470
Jackson State U.	140	7,733	287	0	118	0	6,771	0	31	0	424	102
U. Louisville	141	7,586	0	165	1,266	11	604	260	98	0	5,182	0
Virginia Commonwealth U.	141	7,586	1,153	193	1,321	435	872	139	128	0	2,810	535
SUNY, Binghamton U.	143	7,577	1,554	196	401	85	2,984	0	316	0	1,819	222
Brigham Young U., Provo	144	7,547	461	15	751	325	1,339	40	60	0	4,483	73
U. California, Merced	145	7,204	0	1,337	287	1,104	1,646	189	22	0	2,209	410
William & Mary	146	7,153	1,295	2,920	722	96	1,564	161	124	0	0	271
San Diego State U.	147	7,132	290	183	1,472	856	1,150	778	574	34	1,157	638
Missouri U. of Science and Technology	148	7,046	762	0	28	218	3,161	0	32	0	2,838	7
New Mexico Institute of Mining and Technology	149	7,040	718	5,333	28	0	818	0	0	0	143	0

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Georgetown U.	150	6,952	1,926	0	1,679	0	1,821	493	180	626	0	227
Portland State U.	151	6,868	636	734	1,582	401	378	0	443	477	1,355	862
Indiana U.-Purdue U., Indianapolis	152	6,840	2,424	560	342	460	576	0	599	447	1,424	8
North Dakota State U.	153	6,758	463	99	1,754	150	1,453	271	72	1,478	583	435
U. Alabama, Birmingham	154	6,680	950	0	2,043	875	1,787	0	0	0	389	636
Cold Spring Harbor Laboratory	155	6,631	0	0	6,631	0	0	0	0	0	0	0
Brandeis U.	156	6,511	918	12	995	375	3,988	74	75	0	0	74
Boston C.	157	6,491	248	617	213	1,064	1,641	597	346	0	0	1,765
Illinois Institute of Technology	158	6,490	2,218	232	62	389	604	0	88	42	2,855	0
U. Texas, San Antonio	159	6,456	2,913	330	377	115	996	12	350	0	1,253	110
Michigan Technological U.	160	6,007	1,027	1,631	340	143	559	0	304	0	1,928	75
Old Dominion U.	161	5,985	457	1,649	846	156	660	69	8	0	1,556	584
U. Puerto Rico, Rio Piedras	162	5,862	75	1,385	1,095	0	1,895	0	38	1,022	270	82
U. Puerto Rico, Mayaguez	163	5,805	0	77	377	25	356	0	3	0	4,967	0
U. Colorado Denver and Anschutz Medical Campus	164	5,745	0	139	2,819	419	593	0	53	0	1,044	678
Tuskegee U.	165	5,718	388	0	32	1,140	149	0	0	184	3,825	0
U. Massachusetts, Lowell	166	5,669	760	571	80	0	275	892	0	0	2,752	339
Tulane U.	167	5,614	408	1,147	373	259	1,795	0	79	0	1,479	74
Stevens Institute of Technology	168	5,515	1,018	150	3	0	675	0	0	284	3,169	216
Rutgers, State U. New Jersey, Newark	169	5,446	599	716	1,643	0	793	633	281	100	0	681
California State U., Northridge	170	5,291	201	986	1,201	548	2,075	74	0	0	103	103
U. North Texas, Denton	171	5,024	903	69	739	92	897	0	143	0	1,721	460
Howard U.	172	4,974	540	0	697	0	279	318	114	0	3,026	0
U. Nevada, Las Vegas	173	4,897	303	1,092	834	15	469	0	131	0	1,321	732
U. Akron	174	4,671	0	173	237	49	2,077	45	19	0	2,007	64
Southern Methodist U.	175	4,626	95	719	0	565	793	0	65	0	1,334	1,055
U. of the Virgin Islands	176	4,492	44	2,809	9	694	749	0	143	0	44	0
St. Edward's U.	177	4,490	600	300	1,000	600	490	0	250	0	0	1,250
U. Mississippi	178	4,426	101	7	1,125	47	2,162	0	28	0	685	271
U. Massachusetts, Boston	179	4,408	371	541	323	12	1,514	85	872	0	320	370
South Dakota School of Mines and Technology	180	4,404	0	0	0	237	186	0	0	0	3,981	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 2020**

(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
California Polytechnic State U., San Luis Obispo	181	4,232	136	264	524	1,838	764	0	32	0	365	309
U. Southern Mississippi	182	4,231	38	892	384	8	2,868	0	29	0	12	0
San Francisco State U.	183	4,221	i 52	i 784	i 1,903	i 322	i 811	i 0	i 44	i 169	i 136	i 0
Saint Louis U.	184	4,139	460	237	2,000	65	435	1	183	0	722	36
Florida Atlantic U.	185	4,130	710	89	767	177	544	93	0	0	1,415	335
U. South Dakota	186	4,124	665	0	1,509	0	1,562	0	12	0	376	0
Florida A&M U.	187	4,114	36	544	1,513	0	48	70	0	0	1,844	59
Kent State U.	188	4,082	452	124	455	286	1,509	157	150	2	379	568
U. Maryland Center for Environmental Science	189	4,079	0	1,934	1,376	0	72	0	0	3	0	694
U. North Dakota	190	3,889	263	782	920	0	528	0	41	598	496	261
U. Minnesota, Duluth	191	3,867	163	1,547	1,741	66	263	0	7	0	24	56
East Carolina U.	192	3,850	213	612	691	0	514	210	457	0	162	991
Miami U.	193	3,820	235	862	1,745	139	116	56	0	0	65	602
U. Toledo	194	3,814	0	287	680	36	447	7	0	0	2,148	209
U. Louisiana, Lafayette	195	3,670	704	392	664	91	114	0	0	3	1,225	477
U. Memphis	196	3,627	1,893	107	190	493	529	0	0	0	408	7
Scripps Research Institute	197	3,550	0	0	3,550	0	0	0	0	0	0	0
U. South Alabama	198	3,510	1,085	1,087	307	47	102	0	20	0	492	370
CUNY, Hunter C.	199	3,483	116	11	868	70	804	28	509	0	0	1,077
Clarkson U.	200	3,433	274	21	83	222	712	0	16	0	1,980	125
Louisiana Tech U.	201	3,431	0	0	30	195	288	92	0	0	2,826	0
North Carolina Central U.	202	3,329	12	252	42	0	2,436	0	0	0	464	123
Marquette U.	203	3,318	131	0	801	878	616	0	0	0	841	51
Texas State U.	204	3,232	541	347	296	799	406	0	237	32	168	406
U. Texas Rio Grande Valley	205	3,117	180	60	100	196	1,067	0	10	0	1,159	345
U. Denver	206	3,099	99	103	243	68	1,217	82	320	0	870	97
Western Michigan U. and Homer Stryker M.D. School of Medicine	207	3,071	52	79	319	9	502	0	78	2	354	1,676
Fisk U.	208	3,013	0	0	2,802	9	200	0	2	0	0	0
Villanova U.	209	2,965	106	349	333	0	834	317	0	0	581	445
Idaho State U.	210	2,935	627	538	1,075	0	384	166	0	0	85	60



TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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
California State Polytechnic U., Pomona	211	2,908	607	8	451	0	1,379	0	0	327	115	21
Hampton U.	212	2,892	699	774	211	0	350	0	0	0	639	219
Baylor U.	213	2,841	97	66	630	284	785	0	0	597	382	0
Morehouse C.	214	2,776	782	0	120	24	639	42	3	1,166	0	0
Bowling Green State U.	215	2,745	67	547	139	140	625	0	20	0	0	1,207
U. Nebraska, Omaha	216	2,739	1,473	0	357	138	0	0	0	0	0	771
California State U., San Marcos	217	2,728	913	0	338	1	601	359	5	486	0	25
U. Alaska, Anchorage	218	2,726	81	634	755	0	0	0	193	670	345	48
U. Tennessee, Chattanooga	219	2,719	755	0	547	78	0	0	0	0	1,339	0
California State U., Los Angeles	220	2,673	0	0	846	10	1,151	25	247	0	394	0
South Dakota State U.	221	2,635	0	0	1,840	61	149	0	274	0	269	42
U. Hawaii, Hilo	222	2,498	1	0	1,345	863	188	0	101	0	0	0
Wake Forest U.	223	2,484	44	0	1,371	71	760	53	12	0	135	38
California State U., San Bernardino	224	2,474	241	80	39	87	1,422	236	0	0	0	369
U. North Carolina, Greensboro	225	2,468	221	0	268	167	354	0	75	0	0	1,383
Tennessee Technological U.	226	2,457	1,172	0	21	0	623	0	0	0	641	0
Delaware State U.	227	2,456	0	0	1,133	283	788	0	0	0	239	13
Western Washington U.	228	2,412	0	430	94	217	515	42	102	541	471	0
San Jose State U.	229	2,399	0	870	143	0	449	83	23	0	831	0
Ohio U.	230	2,372	38	89	528	76	758	113	110	0	647	13
Morgan State U.	231	2,357	269	48	283	78	0	0	39	0	1,640	0
Teachers C., Columbia U.	232	2,286	1,130	0	34	0	0	16	1,106	0	0	0
Montclair State U.	233	2,222	117	219	244	327	139	172	63	0	0	941
Clark U.	234	2,197	47	202	890	0	702	0	356	0	0	0
Illinois State U.	235	2,173	23	378	491	119	434	0	0	0	0	728
Oakland U.	236	2,145	240	0	691	34	940	149	18	0	73	0
Rockefeller U.	237	2,131	0	0	1,658	244	229	0	0	0	0	0
Northern Illinois U.	238	2,112	2	360	54	24	1,075	86	73	0	67	371
Pace U.	239	2,100	750	0	473	0	0	0	0	0	0	877
CUNY, Advanced Science Research Center	240	2,067	0	0	1,048	0	257	0	0	0	762	0
DePaul U.	241	2,037	1,429	67	83	0	142	264	0	0	0	52



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 2020**

(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
CUNY, Graduate Center	242	1,984	0	0	87	23	395	297	808	0	20	354
U. Washington, Bothell	243	1,959	0	158	376	31	156	0	0	66	0	1,172
U. Massachusetts, Dartmouth	244	1,941	73	558	157	196	28	0	1	0	575	353
Arkansas State U., Jonesboro	245	1,938	76	0	1,103	0	533	0	0	226	0	0
California State U., Fullerton	246	1,905	0	145	369	0	920	0	33	0	430	8
Prairie View A&M U.	247	1,904	191	5	53	0	140	0	0	0	1,422	93
Rowan U.	248	1,865	237	54	9	0	293	0	73	0	1,199	0
CUNY, C. Staten Island	249	1,852	11	0	192	513	675	203	4	0	221	33
Oregon Health and Science U.	250	1,849	0	0	1,463	0	0	0	0	0	386	0
Southern U. and A&M C., Baton Rouge	251	1,847	2	0	28	0	298	0	0	0	1,090	429
Toyota Technological Institute, Chicago	252	1,841	1,841	0	0	0	0	0	0	0	0	0
Catholic U. of America	253	1,823	0	0	161	0	788	203	0	63	608	0
Norfolk State U.	253	1,823	0	0	114	48	372	0	0	0	1,289	0
Baylor C. of Medicine	255	1,803	0	0	1,803	0	0	0	0	0	0	0
Spelman C.	256	1,776	34	0	609	48	648	308	129	0	0	0
Virginia State U.	257	1,769	0	0	24	645	0	0	0	0	88	1,012
Clark Atlanta U.	258	1,765	31	0	713	157	837	0	0	0	0	27
CUNY, Queens C.	259	1,737	135	263	104	160	484	82	20	0	0	489
Winston-Salem State U.	260	1,729	443	0	469	0	496	177	0	0	0	144
U. North Carolina, Wilmington	261	1,691	0	821	593	35	199	0	0	0	43	0
U. Colorado Colorado Springs	262	1,683	841	12	80	11	69	141	46	0	150	333
U. Nebraska, central administration	263	1,674	0	0	1,674	0	0	0	0	0	0	0
Florida Institute of Technology	264	1,630	7	409	174	50	495	0	0	0	495	0
Murray State U.	265	1,609	0	0	1,320	198	73	0	0	0	0	18
Dakota State U.	266	1,605	1,557	0	48	0	0	0	0	0	0	0
South Carolina State U.	267	1,572	104	0	0	0	627	0	0	0	292	549
Southern Illinois U., Edwardsville	268	1,561	39	72	5	212	185	0	19	130	58	841
Texas A&M U.-Corpus Christi	269	1,538	204	665	340	0	60	0	13	0	139	117
Harvey Mudd C.	270	1,525	640	0	258	113	275	0	0	79	160	0
Loyola U., Chicago	271	1,522	65	0	640	164	335	241	52	0	0	25
Wellesley C.	272	1,511	317	154	455	240	76	42	227	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 2020**

(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
Embry-Riddle Aeronautical U.	273	1,502	256	0	0	23	811	0	298	0	114	0
Southern Illinois U., Carbondale	274	1,495	33	526	215	0	618	0	0	27	76	0
Barnard C.	275	1,485	60	35	14	22	677	538	19	0	0	120
Smith C.	276	1,482	147	0	554	98	191	0	0	0	492	0
U. Texas Southwestern Medical Center	276	1,482	0	0	1,482	0	0	0	0	0	0	0
California State U., Bakersfield	278	1,478	0	103	3	1,319	29	0	0	0	24	0
CUNY, Lehman C.	279	1,472	0	35	0	259	619	0	163	0	0	396
U. Missouri, Kansas City	280	1,468	198	151	114	0	388	0	0	0	617	0
Cleveland State U.	281	1,456	0	0	0	0	75	0	0	0	1,020	361
SUNY, Polytechnic Institute	281	1,456	0	0	62	0	0	0	0	0	1,394	0
U. Guam	283	1,455	0	1,111	0	0	0	0	0	0	0	344
Naval Postgraduate School	284	1,449	48	1,156	0	50	23	0	0	0	172	0
U. San Diego	285	1,415	0	152	31	78	616	0	0	0	451	87
Wichita State U.	286	1,398	0	0	213	72	368	1	0	0	716	28
Amherst C.	287	1,396	0	0	360	210	776	50	0	0	0	0
Marshall U.	288	1,358	0	17	1,301	0	40	0	0	0	0	0
Wesleyan U.	289	1,355	0	96	93	221	269	232	24	0	0	420
California State U., Fresno	290	1,345	69	116	200	287	247	0	0	0	318	108
U. Puerto Rico, Medical Sciences Campus	291	1,328	0	0	1,328	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	292	1,312	0	1,312	0	0	0	0	0	0	0	0
Middle Tennessee State U.	293	1,292	179	0	93	0	352	58	0	0	0	610
Purdue U., Northwest	294	1,278	382	0	5	0	168	0	0	2	721	0
California State U., Long Beach	295	1,277	0	417	62	250	295	0	22	0	156	75
CUNY, Brooklyn C.	296	1,275	356	18	170	220	384	0	0	0	0	127
Icahn School of Medicine at Mount Sinai	297	1,274	0	0	1,274	0	0	0	0	0	0	0
Chapman U.	298	1,264	0	0	382	0	296	0	136	0	43	407
Western Kentucky U.	298	1,264	0	26	496	11	499	19	0	0	68	145
Central Michigan U.	300	1,258	0	122	715	52	165	34	86	0	84	0
U. Missouri, Saint Louis	301	1,256	0	0	375	97	460	0	23	0	0	301
Bates C.	302	1,255	113	91	725	8	192	61	65	0	0	0

TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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. Michigan, Dearborn	303	1,241	0	0	112	49	26	0	0	0	1,034	20
Seattle U.	304	1,212	0	42	86	78	58	0	132	0	0	816
California State U., East Bay	305	1,206	61	0	58	0	231	0	0	0	0	856
U. Texas Health Science Center, Houston	306	1,179	0	0	1,179	0	0	0	0	0	0	0
Alabama State U.	307	1,176	0	0	1,116	0	60	0	0	0	0	0
Florida Gulf Coast U.	308	1,173	41	732	0	149	204	0	0	0	47	0
U.S. Naval Academy	308	1,173	200	127	0	63	467	0	0	0	316	0
Desert Research Institute	310	1,163	0	1,163	0	0	0	0	0	0	0	0
U. Tulsa	311	1,161	424	20	214	0	57	0	129	0	317	0
Reed C.	312	1,145	61	0	776	118	129	59	2	0	0	0
California State U., Chico	313	1,139	10	391	13	10	144	0	0	0	359	212
Texas Southern U.	314	1,137	148	176	0	204	527	0	0	0	82	0
Xavier U. Louisiana	315	1,134	87	0	144	0	830	0	0	0	21	52
American U.	316	1,121	67	80	237	65	112	0	240	0	0	320
Tennessee State U.	317	1,082	18	0	649	0	39	243	0	0	0	133
Carleton C.	318	1,052	33	670	82	41	226	0	0	0	0	0
Bucknell U.	319	1,046	23	21	83	214	169	0	0	64	287	185
California State U., Monterey Bay	320	1,021	734	139	0	148	0	0	0	0	0	0
James Madison U.	321	1,018	18	92	180	89	486	0	0	0	117	36
Lewis and Clark C.	322	994	27	11	417	45	494	0	0	0	0	0
Texas A&M U.-Kingsville	323	992	0	170	0	0	0	0	0	0	822	0
Pacific U.	324	987	0	0	22	9	21	0	84	0	0	851
U. Arkansas, Little Rock	325	986	169	0	88	0	723	0	0	0	6	0
Humboldt State U.	326	967	8	250	633	0	76	0	0	0	0	0
Appalachian State U.	327	958	224	223	193	5	126	20	167	0	0	0
Hofstra U.	327	958	0	1	294	0	0	0	0	0	283	380
California State U., Stanislaus	329	936	331	0	404	194	0	4	3	0	0	0
Occidental C.	330	935	236	235	199	49	207	9	0	0	0	0
New Mexico Highlands U.	331	930	134	189	66	0	541	0	0	0	0	0
CUNY, New York City C. of Technology	332	900	177	0	51	0	67	0	0	235	144	226
U. Dayton	333	899	0	39	246	0	172	0	0	0	320	122

TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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. Oklahoma, Tulsa	334	882	0	0	0	0	0	0	0	0	882	0
Williams C.	335	862	i 58	i 94	i 235	i 222	i 200	i 0	i 53	i 0	i 0	i 0
U. Nebraska, Medical Center	336	861	0	0	861	0	0	0	0	0	0	0
U. Massachusetts, Medical School	337	857	0	0	857	0	0	0	0	0	0	0
Central Washington U.	338	846	0	392	179	52	189	0	0	0	34	0
Hope C.	339	841	0	0	175	0	562	0	0	0	104	0
Bowdoin C.	340	830	72	65	384	24	168	55	62	0	0	0
Bowie State U.	341	828	220	0	93	0	175	0	0	0	0	340
Providence C.	342	818	0	124	322	0	372	0	0	0	0	0
Santa Clara U.	343	808	11	0	177	20	250	0	82	0	261	7
CUNY, system office	344	806	6	39	84	0	0	0	0	0	662	15
U. North Florida	344	806	51	0	123	0	280	0	26	0	34	292
Northeastern Illinois U.	346	803	39	50	0	53	66	0	48	0	0	547
CUNY, Baruch C.	347	779	0	137	75	308	21	180	58	0	0	0
Vassar C.	347	779	273	0	3	332	101	11	59	0	0	0
Northwest Indian C.	349	776	i 1	i 423	i 88	i 0	i 0	i 0	i 0	i 0	i 0	i 264
Kennesaw State U.	350	771	105	0	88	4	422	0	11	0	0	141
California State U., Sacramento	351	770	91	5	20	0	152	90	53	3	12	344
Mount Holyoke C.	352	765	140	0	154	22	396	53	0	0	0	0
Wright State U.	353	764	0	56	62	0	257	75	0	0	314	0
SUNY, C. of Environmental Science and Forestry	354	759	0	397	310	0	0	0	4	0	48	0
C. Charleston	355	756	90	357	209	0	95	0	0	0	0	5
U. of the District of Columbia	355	756	79	0	0	277	0	0	0	0	400	0
New School	357	752	0	414	0	0	0	281	0	0	57	0
U. Texas M. D. Anderson Cancer Center	358	734	0	0	681	53	0	0	0	0	0	0
Alabama A&M U.	359	731	i 96	i 0	i 123	i 32	i 152	i 10	i 21	i 0	i 250	i 47
C. New Jersey	359	731	194	0	190	4	338	0	0	0	5	0
Duquesne U.	361	718	0	0	37	95	514	0	0	0	0	72
U. Northern Colorado	362	712	0	247	223	87	0	56	97	0	0	2
Clafin U.	363	708	253	37	40	13	121	0	75	0	169	0



TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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. North Carolina, Asheville	394	565	76	13	45	0	146	0	0	0	0	285
Creighton U.	395	560	104	49	86	38	206	14	22	0	0	41
Pomona C.	396	559	44	74	135	77	166	4	59	0	0	0
U. Northern Iowa	397	558	0	0	0	0	19	0	539	0	0	0
Colgate U.	398	555	112	128	84	56	165	0	10	0	0	0
Central State U.	399	548	0	0	21	37	6	0	0	319	165	0
Swarthmore C.	400	546	6	0	283	42	161	0	32	17	0	5
U. Puerto Rico, Humacao	401	529	0	0	0	0	529	0	0	0	0	0
Saint Michael's C.	402	527	0	0	527	0	0	0	0	0	0	0
Kean U.	403	522	417	105	0	0	0	0	0	0	0	0
Franklin and Marshall C.	404	520	0	37	368	0	103	12	0	0	0	0
West Virginia State U.	405	495	99	0	297	0	99	0	0	0	0	0
U. Texas Medical Branch	406	494	0	0	494	0	0	0	0	0	0	0
U. Richmond	407	493	0	0	160	21	188	91	33	0	0	0
Claremont McKenna C.	408	490	0	8	239	78	85	80	0	0	0	0
Grand Valley State U.	409	484	0	16	164	72	195	37	0	0	0	0
Stephen F. Austin State U.	410	477	0	0	0	128	0	0	0	0	5	344
Macalester C.	411	471	0	268	71	72	47	0	13	0	0	0
Colby C.	412	469	5	175	128	10	151	0	0	0	0	0
Davidson C.	413	459	0	0	177	51	46	107	78	0	0	0
Eastern Michigan U.	414	454	0	18	327	0	32	0	0	0	0	77
U. Alaska, Southeast	415	438	0	51	131	0	0	0	0	226	30	0
Montana Technological U.	416	436	0	156	0	0	13	0	0	0	267	0
U. New Orleans	417	425	28	1	37	0	195	0	26	0	137	1
Lafayette C.	418	424	0	0	0	56	228	0	0	0	139	1
U. Wisconsin-Eau Claire	419	421	0	4	30	35	352	0	0	0	0	0
Kettering U.	420	419	0	0	0	0	305	0	0	0	114	0
Liberty U.	420	419	0	0	0	0	0	0	0	0	419	0
William Paterson U.	422	414	0	414	0	0	0	0	0	0	0	0
Fort Valley State U.	423	409	0	0	337	0	72	0	0	0	0	0
Furman U.	424	403	0	6	0	0	320	0	77	0	0	0
California State U., Channel Islands	425	402	0	0	0	171	0	0	0	191	0	40

TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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
Christopher Newport U.	426	396	0	0	0	0	378	0	0	0	0	18
U. Central Oklahoma	426	396	i 132	i 0	i 123	i 93	i 4	i 0	i 0	i 44	i 0	i 0
U. Puget Sound	428	395	0	0	223	0	172	0	0	0	0	0
U. Houston-Downtown	429	392	86	82	0	9	0	0	0	66	0	149
Mills C.	430	390	0	0	0	0	0	0	0	0	0	390
Salisbury U.	431	383	57	69	10	0	0	0	0	0	0	247
SUNY, Geneseo	432	382	0	59	0	35	261	0	27	0	0	0
New York Institute of Technology	433	380	132	0	10	0	0	0	0	0	214	24
Sonoma State U.	434	378	0	71	78	91	123	0	0	15	0	0
Trinity U.	434	378	15	3	0	68	280	0	0	0	0	12
East Tennessee State U.	436	377	0	0	26	123	228	0	0	0	0	0
Savannah State U.	437	375	0	147	0	0	50	0	0	153	25	0
Roger Williams U.	438	374	0	94	64	0	98	0	0	0	0	118
Trinity C., Hartford	439	372	0	0	315	52	5	0	0	0	0	0
Hobart and William Smith Colleges	440	368	0	114	39	83	132	0	0	0	0	0
U. of St. Thomas (MN)	440	368	17	0	239	40	54	0	0	0	18	0
Pepperdine U.	442	366	0	0	38	0	0	0	0	0	0	328
Lamar U.	443	364	14	0	0	54	0	0	0	0	284	12
West Texas A&M U.	443	364	0	30	0	0	166	0	0	0	168	0
U. Arkansas for Medical Sciences	445	360	0	0	360	0	0	0	0	0	0	0
Calvin U.	446	359	i 10	i 0	i 146	i 0	i 183	i 0	i 0	i 0	i 20	i 0
SUNY, Downstate Medical Center	447	358	0	0	358	0	0	0	0	0	0	0
Medical C. Wisconsin	448	356	0	0	289	0	0	0	0	0	67	0
Missouri State U.	449	355	0	56	136	0	116	24	23	0	0	0
Gallaudet U.	450	354	63	0	0	0	0	137	0	0	0	154
Loyola Marymount U.	451	351	0	0	233	117	0	0	0	0	0	1
Grambling State U.	452	349	0	0	0	0	349	0	0	0	0	0
St. John's U., New York	453	345	0	0	83	64	198	0	0	0	0	0
Coastal Carolina U.	454	339	0	339	0	0	0	0	0	0	0	0
Fairfield U.	455	338	0	0	191	74	73	0	0	0	0	0
Union C., Schenectady	456	336	3	130	13	13	102	0	0	0	75	0
Eastern Kentucky U.	457	335	0	0	198	24	61	0	0	0	52	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 2020**

(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
Purdue U., Fort Wayne	458	330	0	0	0	19	123	0	0	0	188	0
Indiana U. Pennsylvania	459	327	0	107	1	0	89	113	0	0	0	17
U. of the Incarnate Word	460	324	0	0	0	148	176	0	0	0	0	0
Manhattan C.	461	322	0	0	10	147	0	0	0	0	165	0
Winthrop U.	461	322	0	0	0	0	167	0	1	0	0	154
St. Cloud State U.	463	318	0	0	0	0	0	0	0	0	0	318
U. Wisconsin-La Crosse	463	318	36	0	1	77	190	0	14	0	0	0
Western Carolina U.	465	314	0	95	3	3	118	0	0	0	91	4
CUNY, York C.	466	313	0	298	15	0	0	0	0	0	0	0
Texas Christian U.	466	313	101	46	0	2	153	11	0	0	0	0
U. Wisconsin-River Falls	466	313	55	0	0	0	258	0	0	0	0	0
Stonehill C.	469	311	0	30	0	0	0	0	0	0	0	281
Citadel Military C. South Carolina	470	308	35	0	0	0	0	11	0	0	0	262
SUNY, Buffalo State	471	304	0	210	0	91	2	0	0	0	0	1
Youngstown State U.	472	298	0	0	0	1	283	0	0	0	14	0
Yeshiva U.	473	296	0	0	10	0	286	0	0	0	0	0
Salish Kootenai C.	474	281	0	0	22	0	0	0	0	0	0	259
Minnesota State U., Mankato	475	279	0	0	140	0	0	0	14	0	125	0
West Chester U. Pennsylvania	476	278	0	0	93	41	57	0	0	0	0	87
U. of the Pacific	477	271	0	0	72	0	199	0	0	0	0	0
Fayetteville State U.	478	270	68	0	101	0	101	0	0	0	0	0
Willamette U.	479	267	0	0	24	0	60	61	0	0	0	122
Whitman C.	480	266	0	0	75	0	176	0	15	0	0	0
Gettysburg C.	481	265	0	0	13	5	99	0	148	0	0	0
Albany State U.	482	261	0	0	131	0	0	0	0	0	0	130
Southern Connecticut State U.	483	260	0	0	17	0	200	43	0	0	0	0
Ithaca C.	484	258	39	4	47	64	30	0	74	0	0	0
Northern Michigan U.	485	254	0	74	127	0	0	0	53	0	0	0
Lincoln U., Jefferson City	486	251	0	0	67	150	26	0	0	8	0	0
U. Central Arkansas	487	249	28	0	0	15	167	0	0	0	0	39
Langston U.	488	248	0	0	35	0	92	0	0	0	0	121
Texas Woman's U.	488	248	14	0	230	0	0	0	4	0	0	0

TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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. Texas, Tyler	490	240	26	0	146	20	0	0	4	0	44	0
U. Nebraska, Kearney	491	236	0	0	141	0	32	0	0	63	0	0
Pennsylvania State U., Behrend	492	229	22	2	1	2	4	0	0	0	198	0
U. Hartford	493	228	5	0	92	131	0	0	0	0	0	0
Weber State U.	494	217	0	91	28	0	95	0	0	0	0	3
Northern Kentucky U.	495	216	0	0	10	71	120	0	1	0	0	14
U. Minnesota, Morris	496	213	0	176	0	37	0	0	0	0	0	0
U. of Mary Washington	496	213	0	32	85	0	54	12	0	0	0	30
Augusta U.	498	208	28	0	164	13	0	0	3	0	0	0
Midwestern State U.	498	208	0	103	99	6	0	0	0	0	0	0
U. of the Sciences Philadelphia	500	203	0	0	99	0	104	0	0	0	0	0
Colorado C.	501	192	0	52	18	0	15	0	4	0	0	103
Franklin W. Olin C. of Engineering	502	189	0	0	0	0	0	0	0	0	154	35
U. North Georgia	503	188	0	24	16	0	0	0	0	0	0	148
St. Bonaventure U.	504	187	0	0	102	0	38	0	0	47	0	0
U. Wisconsin-Oshkosh	504	187	i 22	i 26	i 23	i 8	i 32	i 2	i 5	i 0	i 58	i 11
St. Olaf C.	506	186	121	0	29	23	13	0	0	0	0	0
Dillard U.	507	180	0	0	180	0	0	0	0	0	0	0
Milwaukee School of Engineering	507	180	0	0	0	0	0	0	0	0	180	0
Eastern Connecticut State U.	509	175	0	0	175	0	0	0	0	0	0	0
SUNY, Oswego	510	170	0	7	140	0	0	0	0	12	11	0
Troy U.	511	165	0	0	157	4	0	0	0	0	0	4
U. Ana G. Mendez, Gurabo	512	163	0	0	138	0	25	0	0	0	0	0
Lawrence Technological U.	513	162	0	0	0	0	6	0	0	0	51	105
Indiana State U.	514	161	0	89	0	23	39	0	0	10	0	0
Nova Southeastern U.	515	158	125	6	0	0	0	27	0	0	0	0
Kentucky State U.	516	157	32	0	0	125	0	0	0	0	0	0
Suffolk U.	517	156	0	28	29	0	97	0	0	0	0	2
CUNY, Graduate School of Public Health and Health Policy	518	154	0	0	154	0	0	0	0	0	0	0
Keene State C.	519	152	0	16	128	0	0	0	0	0	8	0
Hawaii Pacific U.	520	150	72	38	13	14	0	0	0	0	13	0

TABLE 63

## Federally financed higher education R&amp;D expenditures, financed by the National Science Foundation, ranked by NSF R&amp;D expenditures, by R&amp;D field: FY 2020

(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. San Francisco	521	148	0	67	0	16	0	0	65	0	0	0											
SUNY, C. Brockport	522	145	0	0	75	0	39	0	31	0	0	0											
U. South Florida, Saint Petersburg	523	144	0	0	0	0	56	0	0	0	0	88											
Eastern Washington U.	524	139	0	0	58	15	66	0	0	0	0	0											
C. Wooster	525	138	0	21	3	55	59	0	0	0	0	0											
Erikson Institute	526	135	0	0	0	0	0	0	0	0	0	135											
Austin Peay State U.	527	128	0	0	128	0	0	0	0	0	0	0											
U. Wisconsin-Green Bay	528	124	i	14	i	17	i	18	i	6	i	23	i	1	i	4	i	0	i	35	i	6	i
Benedict C.	529	123	32	24	21	23	23	0	0	0	0	0											
Long Island U.	530	113	0	15	0	0	51	0	0	0	0	47											
Southeastern Louisiana U.	531	105	0	0	66	0	39	0	0	0	0	0											
Northeast Ohio Medical U.	532	102	0	0	67	0	0	0	35	0	0	0											
Rhode Island C.	532	102	0	0	84	0	18	0	0	0	0	0											
Wheaton C., Wheaton	532	102	0	102	0	0	0	0	0	0	0	0											
Alfred U.	535	97	0	0	0	0	0	0	0	0	97	0											
CUNY, Medgar Evers C.	536	94	0	0	0	44	50	0	0	0	0	0											
Florida Polytechnic U.	537	93	43	0	29	0	0	0	0	0	21	0											
Merrimack C.	538	92	0	0	0	0	0	0	0	32	60	0											
U.S. Air Force Academy	539	90	0	0	0	0	25	0	65	0	0	0											
U. Puerto Rico, Cayey	540	88	0	0	40	0	48	0	0	0	0	0											
SUNY, C. Plattsburgh	541	87	0	0	70	0	17	0	0	0	0	0											
Texas Tech U., Health Sciences Center	541	87	0	0	59	0	0	0	0	0	0	28											
Pittsburg State U.	543	81	0	0	78	0	3	0	0	0	0	0											
U. Houston-Clear Lake	543	81	3	0	14	0	64	0	0	0	0	0											
Western Illinois U.	545	80	0	5	36	0	39	0	0	0	0	0											
Rhode Island School of Design	546	79	i	14	i	0	i	50	i	0	i	0	i	0	i	6	i	0	i	0	i	9	i
Alaska Pacific U.	547	78	0	51	0	0	0	0	0	0	0	27											
U. Massachusetts, central office	547	78	0	0	0	0	0	0	0	0	0	78											
Alcorn State U.	549	74	0	0	0	0	0	0	0	0	74	0											
Andrews U.	550	72	0	35	0	0	0	0	0	0	37	0											
Albion C.	551	70	0	0	0	0	70	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 2020**

(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
Des Moines U.	609	1	0	1	0	0	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	609	1	0	0	1	0	0	0	0	0	0	0

i = imputed.

NSF = National Science Foundation; nec = not elsewhere classified; S&amp;E = science and engineering.

<sup>a</sup> The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.

<sup>b</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$2,170 thousand in R&D expenditures financed by NSF in FY 2020.

<sup>c</sup> The University of Tennessee, Knoxville includes expenditures from the University of Tennessee Institute of Agriculture. Due to a reorganization within the University of Tennessee system, the Institute of Agriculture now falls under the leadership of the University of Tennessee, Knoxville chancellor. Prior to FY 2020, the University of Tennessee, Knoxville, Institute of Agriculture reported to the survey separately.

**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2020 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 2020.