

TABLE 64

## 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 2022

(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	-	6,035,698	760,906	793,092	851,067	225,434	1,164,641	81,415	161,171	136,900	1,523,416	337,656
Texas A&M U., College Station and Health Science Center	1	137,220	10,615	76,779	6,577	3,738	9,563	0	1,025	130	27,456	1,337
U. Washington, Seattle	2	135,492	8,027	49,303	8,443	3,372	15,869	837	2,797	0	33,126	13,718
Woods Hole Oceanographic Institution	3	130,016	0	84,976	0	0	0	0	0	0	45,040	0
U. California, San Diego	4	129,565	21,767	39,126	5,562	3,309	10,047	3,211	1,114	5,298	39,621	510
U. Illinois, Urbana-Champaign	5	117,743	36,469	3,229	10,020	2,146	20,456	1,915	1,188	65	37,559	4,696
U. Texas, Austin	6	110,937	42,972	9,327	8,967	3,085	9,045	869	1,528	0	30,614	4,530
U. Wisconsin-Madison	7	109,834	14,854	12,409	23,254	3,553	28,921	1,044	1,724	2,395	15,559	6,121
Cornell U.	8	107,958	11,457	3,226	17,403	2,490	42,743	727	2,067	0	26,659	1,186
U. Colorado Boulder	9	106,602	12,970	25,533	5,036	1,796	24,044	597	4,029	400	19,953	12,244
Massachusetts Institute of Technology	10	106,311	20,205	7,923	8,376	3,771	36,462	296	2,096	1,162	24,342	1,678
U. California, Berkeley	11	100,084	832	2,760	9,654	5,317	24,082	1,429	1,472	25,834	25,693	3,011
U. Michigan, Ann Arbor	12	99,432	4,483	2,392	12,578	4,814	14,854	1,715	13,163	438	39,971	5,024
Columbia U. in the City of New York	13	99,333	11,806	38,569	8,101	2,117	18,439	756	1,526	0	13,159	4,860
California Institute of Technology	14	94,888	2,856	7,669	3,104	683	74,291	0	0	0	5,440	845
Purdue U., West Lafayette	15	87,682	20,539	2,292	6,810	327	9,939	359	1,402	26	42,887	3,101
Stanford U.	16	79,477	6,009	4,604	9,349	2,902	15,848	913	2,391	0	17,087	20,374
Arizona State U.	17	77,812	5,421	4,911	12,724	699	4,640	403	6,074	14,186	26,003	2,751
Pennsylvania State U., University Park and Hershey Medical Center	18	75,302	8,599	9,053	8,738	3,175	16,294	1,590	2,611	0	19,361	5,881
U. Chicago	19	74,035	17,607	6,241	3,576	3,176	24,418	1,747	1,809	0	11,889	3,572
U. California, Los Angeles	20	72,776	5,039	8,297	6,607	3,874	12,236	1,245	2,504	8,563	15,751	8,660
U. Minnesota, Twin Cities	21	72,227	5,249	6,587	16,052	3,647	8,460	969	2,999	67	27,098	1,099
Princeton U.	22	70,247	12,244	8,692	4,928	3,518	23,579	706	1,493	0	14,786	301
Carnegie Mellon U.	23	69,614	42,155	102	1,051	2,258	4,768	1,766	600	3,853	13,032	29
Michigan State U.	24	63,157	3,071	1,357	17,711	4,123	22,096	756	1,549	823	6,705	4,966
Ohio State U.	25	61,621	7,882	3,349	10,715	2,361	12,429	1,495	3,620	2,720	15,808	1,242
Georgia Institute of Technology	26	60,585	8,675	2,836	3,054	3,227	5,065	133	1,816	0	33,309	2,470
U. Maryland <sup>a</sup>	27	59,499	10,321	4,841	7,053	2,378	14,311	181	2,524	334	14,362	3,194
Florida State U.	28	58,432	2,093	4,176	4,494	1,289	29,847	257	744	0	13,236	2,296
U. Florida	29	58,242	5,790	7,465	8,921	914	8,994	113	1,310	0	19,542	5,193
Northwestern U.	30	57,278	3,676	595	3,771	1,290	15,119	430	2,350	10,648	18,878	521
North Carolina State U.	31	56,206	8,516	2,265	6,938	4,821	3,766	571	295	2,233	23,842	2,959
U. California, Santa Barbara	32	54,025	3,974	9,653	1,024	810	18,577	634	1,306	0	17,563	484

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U. Pennsylvania	33	53,123	4,309	260	4,553	1,686	17,040	1,551	1,728	121	12,783	9,092
Northeastern U.	34	52,153	10,795	2,320	2,152	587	4,720	579	1,848	0	26,098	3,054
Oregon State U.	35	52,117	1,229	22,754	9,716	673	3,199	321	577	2,050	7,912	3,686
U. Arizona	36	51,132	2,952	6,221	12,769	1,902	11,100	107	3,289	1,603	9,647	1,542
Virginia Polytechnic Institute and State U.	37	51,087	5,067	1,429	10,396	1,770	7,052	291	870	0	23,330	882
Harvard U.	38	49,923	4,031	2,912	8,827	2,261	14,347	420	2,201	14	12,616	2,294
U. California, Irvine	39	49,528	7,264	3,604	6,850	2,539	9,412	1,492	1,123	0	14,527	2,717
U. Southern California	40	46,412	11,164	8,754	3,247	1,061	3,698	279	1,024	0	12,873	4,312
U. Alaska, Fairbanks	41	44,315	0	29,096	4,006	168	2,039	0	666	6,526	1,094	720
U. Utah	42	43,706	13,982	29	5,576	3,508	8,052	743	807	0	9,988	1,021
New York U.	43	43,497	3,831	77	5,219	6,631	6,306	3,407	3,764	0	11,255	3,007
U. California, Davis	44	43,464	3,292	3,131	16,885	2,920	4,821	383	1,455	6	8,862	1,709
U. North Carolina, Chapel Hill	45	42,302	10,736	4,230	5,070	3,719	8,479	489	2,279	0	1,712	5,588
Rutgers, State U. New Jersey, New Brunswick	46	42,275	4,170	4,923	11,041	4,020	6,093	394	135	0	8,821	2,678
U. Connecticut	47	42,254	1,533	2,792	24,596	1,372	2,740	923	417	39	6,661	1,181
SUNY, Stony Brook U.	48	41,201	5,781	3,519	2,882	1,878	16,903	487	435	1,963	6,873	480
U. Virginia, Charlottesville	49	40,851	7,942	3,587	5,428	1,657	5,584	344	1,518	1,241	10,607	2,943
Indiana U., Bloomington	50	39,770	15,620	1,253	5,260	1,086	7,599	1,403	1,666	154	2,462	3,267
U. Delaware	51	39,581	1,548	8,476	2,926	1,172	9,858	476	1,385	1,077	10,686	1,977
U. Georgia	52	39,153	1,036	4,459	23,688	763	1,222	1,436	967	38	3,506	2,038
Johns Hopkins U. <sup>b</sup>	53	38,498	3,260	2,609	4,011	1,474	10,828	1,023	268	0	14,310	715
Duke U.	54	37,887	4,944	1,192	6,921	3,382	6,026	237	2,187	10	12,247	741
U. Massachusetts, Amherst	55	36,895	7,658	1,143	4,433	1,402	5,786	1,048	1,988	0	10,705	2,732
Rice U.	56	36,776	3,341	961	3,027	2,161	7,220	594	700	415	16,487	1,870
Boston U.	57	35,437	3,719	1,712	2,687	783	7,284	1,121	521	1,352	13,805	2,453
Yale U.	58	34,189	4,082	1,851	10,003	1,761	4,994	667	1,303	0	8,128	1,400
Iowa State U.	59	33,906	1,904	1,463	7,913	864	3,471	327	185	0	15,832	1,947
Colorado State U., Fort Collins	60	33,534	1,356	7,902	8,498	1,425	4,275	774	439	170	6,646	2,049
U. Pittsburgh, Pittsburgh	61	33,465	2,787	997	6,279	1,647	6,272	462	614	2,918	9,453	2,036
U. Notre Dame	62	32,276	2,740	0	2,140	2,533	11,837	519	568	451	10,735	753
U. Hawaii, Manoa	63	30,193	2,321	18,886	2,078	366	3,849	4	490	165	1,973	61
U. Nebraska, Lincoln	64	30,032	3,296	528	9,360	970	9,455	158	420	15	3,721	2,109
U. California, Riverside	65	28,973	4,161	1,137	7,944	1,035	5,183	411	511	0	8,332	259

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Brown U.	66	28,913	3,039	2,871	5,274	6,576	5,007	0	306	1,315	4,497	28
U. New Mexico	67	28,587	1,819	4,458	4,736	428	2,833	14	1,697	70	10,561	1,971
Vanderbilt U. and Vanderbilt U. Medical Center	68	27,889	4,755	468	3,743	752	2,633	1,736	390	0	6,362	7,050
SUNY, U. Buffalo	69	26,828	7,408	1,916	2,079	514	4,308	365	73	0	9,249	916
U. Central Florida	70	25,742	3,162	0	990	629	3,453	79	458	16	14,763	2,192
U. Kansas	71	25,253	1,880	3,649	9,196	441	4,861	371	690	0	3,418	747
U. Illinois, Chicago	72	23,792	4,498	12	2,322	2,122	5,862	143	82	0	6,639	2,112
Florida International U.	73	23,519	6,819	3,013	2,581	422	2,504	391	276	560	6,903	50
U. Tennessee, Knoxville	74	22,317	3,022	516	4,120	677	2,720	556	227	774	8,812	893
Clemson U.	75	21,701	2,458	0	1,273	860	2,186	411	917	0	11,680	1,916
Washington U., Saint Louis	76	20,371	2,616	1,204	3,911	1,291	3,577	84	852	1,100	5,614	122
Dartmouth C. and Dartmouth Hitchcock Medical Center	77	20,306	3,269	1,174	1,759	730	3,067	1,580	1,014	741	6,704	268
U. Rochester	78	20,026	1,848	1,774	2,117	174	5,929	398	276	625	4,842	2,043
U. Wyoming	79	20,019	766	7,105	8,179	508	1,171	55	779	0	1,360	96
U. Rhode Island	80	19,687	613	9,322	1,924	0	1,055	0	13	3,639	2,726	395
U. Oklahoma, Norman and Health Science Center	81	19,652	3,334	4,741	3,135	429	2,690	70	871	0	3,828	554
U. Houston	82	19,494	1,235	1,018	1,407	2,501	2,993	1,208	852	0	7,648	632
U. Kentucky	83	19,130	2,603	310	4,616	665	3,383	29	321	1	6,777	425
U. Alabama, Tuscaloosa	84	18,453	1,465	283	4,361	276	1,551	0	826	0	8,209	1,482
U. Oregon	85	17,940	1,056	2,343	2,316	1,185	5,234	303	812	0	521	4,170
U. Arkansas, Fayetteville	86	17,662	2,537	1,129	4,614	29	2,508	136	442	0	6,009	258
U. California, Santa Cruz	87	17,315	1,878	5,244	1,881	267	3,732	97	587	0	3,493	136
Kansas State U.	88	17,249	709	421	6,500	241	3,092	66	467	49	4,006	1,698
U. Nevada, Reno	89	16,817	2,777	2,580	4,422	214	2,342	517	189	0	3,733	43
U. New Hampshire	90	16,783	530	6,164	2,894	423	1,103	13	285	0	4,530	841
Washington State U.	91	16,555	2,481	1,552	3,824	112	1,946	164	443	407	4,365	1,261
Louisiana State U., Baton Rouge	92	16,481	915	2,307	2,642	1,054	4,881	61	416	91	3,605	509
U. Missouri, Columbia	93	16,283	1,186	553	6,177	667	1,087	934	255	844	2,423	2,157
U. South Carolina, Columbia	94	15,959	1,818	1,311	5,318	624	771	0	524	0	2,808	2,785
Drexel U.	95	15,944	3,175	0	1,478	630	885	58	1,027	94	6,670	1,927
U. South Florida <sup>c</sup>	96	15,319	1,666	2,957	1,368	647	2,402	195	681	157	4,916	330
George Mason U.	97	15,240	3,957	1,268	913	646	1,318	547	549	35	4,318	1,689
Colorado School of Mines	98	15,207	1,514	2,145	265	330	4,323	90	125	0	5,838	577

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Utah State U.	99	15,007	1,843	834	3,537	203	874	71	27	0	6,749	869
U. Texas, Dallas	100	14,536	3,430	316	344	647	2,049	185	511	0	6,445	609
U. Texas, El Paso	101	14,445	4,458	1,476	2,316	285	1,001	408	401	0	3,572	528
U. Maine	102	14,226	523	3,198	3,794	26	984	0	0	3,596	1,430	675
Montana State U., Bozeman	103	13,996	707	1,642	2,935	713	3,489	0	65	949	3,181	315
Auburn U., Auburn	104	13,750	502	919	3,417	422	2,674	0	237	57	5,184	338
U. Idaho	105	13,493	2,260	877	7,087	65	24	0	421	0	1,363	1,396
Tufts U.	106	13,418	430	238	2,109	1,652	2,342	246	557	0	5,284	560
Emory U.	107	13,359	1,170	96	3,270	790	6,823	0	565	0	607	38
George Washington U.	108	13,198	1,692	190	2,030	409	839	313	2,262	646	4,098	719
U. Cincinnati	109	13,046	355	185	1,597	424	2,811	61	163	0	6,576	874
Lehigh U.	110	13,029	1,167	640	1,234	247	1,316	430	0	0	7,403	592
U. Texas, Arlington	111	12,699	2,541	154	1,359	449	4,582	2	20	0	3,087	505
New Mexico State U.	112	12,557	3,013	423	2,084	43	2,383	50	101	1,111	3,216	133
Oklahoma State U., Stillwater	113	12,305	357	153	3,305	502	758	65	150	3,144	3,100	771
West Virginia U.	114	12,121	863	238	1,327	206	3,875	33	232	425	4,139	783
U. Iowa	115	12,113	1,611	1,027	1,763	463	2,730	167	418	21	2,706	1,207
Worcester Polytechnic Institute	116	11,976	3,981	0	477	428	1,076	0	328	0	4,658	1,028
Rensselaer Polytechnic Institute	117	11,939	1,311	666	1,021	497	1,072	194	401	0	6,467	310
U. Montana, Missoula	118	11,717	155	1,965	7,669	476	803	0	649	0	0	0
Boise State U.	119	11,680	1,331	1,125	3,353	1,113	604	0	61	230	2,620	1,243
New Jersey Institute of Technology	120	11,482	2,397	0	508	1,033	3,569	0	28	5	3,743	199
U. Maryland, Baltimore County	121	11,427	3,730	1,057	1,568	266	1,605	0	135	1,109	1,242	715
Temple U.	122	11,239	2,731	346	1,504	667	2,780	1,503	406	0	683	619
Georgia State U.	123	10,967	1,187	771	1,261	437	4,000	155	779	0	0	2,377
Case Western Reserve U.	124	10,859	1,873	129	1,263	360	1,867	1	133	0	4,440	793
CUNY, City C.	125	10,832	278	532	649	115	5,362	0	0	0	3,805	91
U. North Carolina, Charlotte	126	10,666	4,647	305	661	463	1,139	21	594	0	1,935	901
Syracuse U.	127	10,467	937	704	841	208	3,781	37	844	15	3,082	18
U. Vermont	128	10,399	607	1,011	4,058	95	1,345	0	598	1,527	1,007	151
Rochester Institute of Technology	129	10,243	3,190	0	307	1,066	2,375	0	196	0	1,847	1,262
Mississippi State U.	130	10,093	889	134	1,418	53	1,013	0	121	0	5,705	760
U. Miami	131	9,985	458	6,228	897	463	1,143	286	7	0	469	34

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Texas Tech U.	132	9,951	851	1,034	1,317	504	893	257	147	0	4,137	811
Brigham Young U., Provo	133	9,814	276	292	929	541	2,326	42	139	0	5,269	0
North Carolina A&T State U.	134	9,780	489	0	1,600	701	1,255	34	0	0	4,220	1,481
U. Puerto Rico, Rio Piedras	135	9,590	254	1,217	873	0	1,638	0	62	1,525	3,900	121
U. California, San Francisco	136	9,500	0	0	5,986	0	3,514	0	0	0	0	0
U. Wisconsin-Milwaukee	137	9,215	0	793	403	0	6,473	68	345	0	906	227
San Diego State U.	138	9,123	329	360	1,726	1,439	1,712	486	835	9	1,174	1,053
U. California, Merced	139	9,044	752	1,076	1,608	672	1,472	0	176	997	2,034	257
Northern Arizona U.	140	9,016	1,135	1,847	3,494	0	728	0	41	53	739	979
North Dakota State U.	141	8,822	595	331	2,523	0	1,512	167	30	2,143	1,415	106
Wayne State U.	142	8,801	1,169	132	752	193	3,796	144	489	4	1,951	171
U. of the Virgin Islands	143	8,640	117	5,575	837	679	1,130	0	302	0	0	0
U. Texas, San Antonio	144	8,444	3,130	411	252	392	1,431	37	624	51	1,879	237
Michigan Technological U.	145	8,279	772	3,695	189	124	966	118	364	405	1,486	160
New Mexico Institute of Mining and Technology	146	8,149	984	5,687	175	38	781	0	0	0	392	92
William & Mary	147	7,968	1,377	3,055	811	96	1,878	160	39	0	0	552
SUNY, Binghamton U.	148	7,911	1,394	215	503	77	2,036	109	306	0	2,914	357
U. Louisville	149	7,884	0	113	671	63	672	359	22	0	5,979	5
Boston C.	150	7,788	633	568	379	911	2,486	1,179	255	0	0	1,377
South Dakota School of Mines and Technology	151	7,732	0	0	0	4	982	0	0	0	6,746	0
U. Massachusetts, Lowell	152	7,699	1,082	849	161	72	564	524	113	0	4,038	296
U. Alabama, Huntsville	153	7,672	538	1,192	211	5	5,123	0	0	0	597	6
Virginia Commonwealth U.	154	7,331	979	160	1,138	615	801	147	234	0	2,789	468
Portland State U.	155	7,098	1,276	370	1,765	734	278	68	298	249	868	1,192
SUNY, U. Albany	156	6,876	961	2,699	1,028	212	438	8	432	0	403	695
U. North Texas, Denton	157	6,593	1,476	62	1,306	0	1,532	161	272	0	1,675	109
Tulane U.	158	6,497	647	1,533	202	369	2,012	0	287	0	1,402	45
Southern Methodist U.	159	6,419	101	306	0	999	1,892	0	257	407	1,428	1,029
Stevens Institute of Technology	160	6,403	1,774	0	0	20	438	0	0	0	3,735	436
U. Alabama, Birmingham	161	6,387	755	0	1,759	257	2,351	0	0	0	380	885
Indiana U.-Purdue U., Indianapolis	162	6,373	2,106	516	518	130	736	13	358	297	1,329	370
Howard U.	163	6,299	415	0	732	0	275	378	157	0	4,342	0
Missouri U. of Science and Technology	164	6,193	708	0	5	173	1,302	0	99	0	3,888	18

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(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
Brandeis U.	165	6,030	838	0	503	282	4,010	22	186	0	0	189
Old Dominion U.	166	5,967	410	939	1,289	209	695	146	84	0	1,765	430
Jackson State U.	167	5,898	301	0	108	0	4,663	151	4	0	308	363
U. Louisiana, Lafayette	168	5,882	1,780	660	1,297	158	129	0	10	0	1,546	302
Georgetown U.	169	5,690	1,079	0	1,097	0	1,910	395	1,065	0	0	144
East Carolina U.	170	5,386	301	846	1,137	426	705	4	354	0	1,019	594
Texas State U.	171	5,296	720	41	417	1,082	1,200	0	155	23	560	1,098
U. Nevada, Las Vegas	172	5,207	438	275	1,174	37	666	0	81	0	1,926	610
U. Massachusetts, Boston	173	5,160	348	339	813	0	1,467	423	787	0	441	542
U. Guam	174	5,107	0	4,381	0	57	0	0	0	0	0	669
Kent State U.	175	5,055	442	216	994	213	1,535	144	419	0	274	818
Illinois Institute of Technology	176	5,027	2,339	110	16	379	332	0	91	58	1,702	0
U. Memphis	177	5,025	2,971	144	290	122	408	4	53	0	902	131
Rutgers, State U. New Jersey, Newark	178	5,008	272	990	982	0	1,943	45	236	0	0	540
San Francisco State U.	179	5,001	582	867	1,295	205	44	0	340	204	1,059	405
U. Texas Rio Grande Valley	180	4,780	769	128	0	714	670	0	78	0	1,882	539
California State U., Northridge	181	4,631	105	787	1,055	236	1,828	122	12	0	208	278
Western Washington U.	182	4,583	75	1,349	236	217	1,331	63	108	334	227	643
U. Akron	183	4,580	43	132	364	91	2,366	0	4	0	1,573	7
California State U., Los Angeles	184	4,479	207	51	717	0	2,456	8	36	0	808	196
Florida A&M U.	185	4,439	21	1,226	711	0	133	30	0	62	1,789	467
Baylor C. of Medicine	186	4,400	0	0	4,400	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	187	4,371	97	246	512	1,205	920	0	0	0	972	419
Western Michigan U. and Homer Stryker M.D. School of Medicine	188	4,331	142	113	447	9	449	0	25	76	590	2,480
Florida Atlantic U.	189	4,214	1,006	76	805	309	267	0	0	0	1,652	99
U. South Alabama	190	4,213	631	921	520	144	202	0	100	0	1,089	606
U. North Carolina, Greensboro	191	4,142	92	90	1,362	333	650	19	80	0	0	1,516
U. of the District of Columbia	192	4,111	255	0	0	502	0	0	0	0	2,142	1,212
U. Southern Mississippi	193	4,094	5	1,243	892	0	1,926	0	7	0	19	2
U. Colorado Anschutz Medical Campus <sup>d</sup>	194	4,081	0	0	3,626	0	129	0	0	0	228	98
Morgan State U.	195	4,075	197	18	621	185	360	0	4	0	729	1,961
Marquette U.	196	4,047	694	0	613	269	906	0	0	0	1,390	175
U. Puerto Rico, Mayaguez	197	3,991	101	132	136	5	528	0	0	0	2,892	197

TABLE 64

## 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 2022

(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 Dakota	198	3,911	191	335	1,076	0	1,058	0	116	5	622	508
U. Colorado Denver <sup>d</sup>	199	3,900	177	546	572	447	829	0	46	0	798	485
Clarkson U.	200	3,876	296	0	55	138	643	0	119	0	2,478	147
U. Mississippi	201	3,856	104	153	834	268	1,695	0	101	0	566	135
Baylor U.	202	3,802	343	260	712	543	1,208	0	0	0	654	82
San Jose State U.	203	3,763	0	961	689	190	1,037	103	17	0	707	59
Cold Spring Harbor Laboratory	204	3,740	0	0	3,740	0	0	0	0	0	0	0
U. Nebraska, central administration	205	3,642	410	0	974	0	0	0	0	0	2,258	0
American U.	206	3,617	50	375	57	229	258	0	252	0	0	2,396
Teachers C., Columbia U.	207	3,587	1,700	0	81	0	0	0	1,806	0	0	0
Rowan U.	208	3,520	214	0	257	50	1,023	0	0	134	1,842	0
Delaware State U.	209	3,443	29	120	2,066	31	403	0	155	0	137	502
Idaho State U.	210	3,438	355	903	1,798	5	53	105	42	0	107	70
Chicago State U.	211	3,430	78	0	2,223	0	1,129	0	0	0	0	0
U. Maryland Center for Environmental Science	212	3,422	0	1,523	973	0	74	0	169	2	0	681
Hampton U.	213	3,402	720	1,056	472	0	653	0	0	0	493	8
Oakland U.	214	3,400	583	0	452	77	963	156	0	0	1,169	0
Miami U.	215	3,372	0	517	1,446	141	440	0	0	0	147	681
South Dakota State U.	216	3,367	0	0	2,152	90	231	0	242	0	551	101
California State U., San Bernardino	217	3,345	459	61	5	283	1,773	276	14	0	0	474
Tuskegee U.	218	3,313	645	0	145	819	1,490	2	0	0	212	0
U. Denver	219	3,284	36	43	617	139	1,184	121	122	0	271	751
Scripps Research Institute	220	3,172	0	0	3,172	0	0	0	0	0	0	0
Morehouse C.	221	3,170	317	0	393	0	933	59	0	1,468	0	0
U. South Dakota	222	3,152	138	0	805	0	1,529	0	0	0	680	0
Northern Illinois U.	223	3,106	239	720	312	31	1,531	94	18	0	87	74
U. Colorado Colorado Springs	224	3,082	1,133	15	129	0	212	38	0	0	816	739
Villanova U.	225	3,049	5	132	565	56	626	290	0	0	611	764
Loyola U., Chicago	226	3,028	128	0	1,193	32	920	392	24	0	0	339
U. Alaska, Anchorage	227	3,018	0	505	755	0	65	0	335	906	147	305
Embry-Riddle Aeronautical U.	228	3,016	499	0	0	106	953	0	0	0	908	550
Wake Forest U.	229	3,013	164	0	1,777	55	631	50	34	0	254	48
Ohio U.	230	2,983	0	87	476	26	1,288	95	224	0	569	218

TABLE 64

## 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 2022

(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.-Corpus Christi	231	2,959	301	1,149	639	0	50	0	207	0	338	275
California State U., Fresno	232	2,887	104	0	121	1,144	1,116	0	0	0	362	40
Montclair State U.	233	2,886	445	471	291	330	211	36	50	0	32	1,020
Tennessee Technological U.	234	2,884	1,870	0	0	0	284	0	0	0	730	0
Bowling Green State U.	235	2,867	1	777	88	52	701	0	0	0	42	1,206
North Carolina Central U.	236	2,856	0	87	37	0	2,161	0	0	0	334	237
U. Washington, Bothell	236	2,856	384	330	174	22	1,152	0	0	0	81	713
U. Massachusetts, Dartmouth	238	2,726	398	737	34	336	5	0	18	0	518	680
California State Polytechnic U., Pomona	239	2,714	269	1	697	80	1,094	20	22	0	126	405
U. Tennessee, Chattanooga	240	2,674	384	0	610	172	0	0	21	178	1,126	183
Saint Louis U.	241	2,652	294	75	1,190	37	384	0	246	0	284	142
U. Nebraska, Omaha	242	2,647	1,550	15	403	361	99	88	0	0	0	131
SUNY, Polytechnic Institute	243	2,588	0	0	278	0	0	0	0	0	2,310	0
U. Toledo	244	2,562	0	271	187	29	868	36	0	0	1,054	117
CUNY, Advanced Science Research Center	245	2,560	0	25	525	0	1,388	0	0	0	622	0
CUNY, Queens C.	246	2,498	313	262	651	172	695	0	260	0	0	145
Southern U. and A&M C., Baton Rouge	247	2,492	329	0	388	87	21	0	0	0	1,622	45
California State U., Fullerton	248	2,424	2	64	554	191	1,108	17	9	0	478	1
Norfolk State U.	249	2,413	0	0	93	35	614	0	0	0	1,389	282
U. Minnesota, Duluth	250	2,292	5	231	1,422	74	315	0	188	0	57	0
California State U., Long Beach	251	2,200	29	297	310	256	314	522	90	0	175	207
Fisk U.	252	2,199	410	0	895	158	722	0	0	0	0	14
Illinois State U.	253	2,191	100	362	433	145	1,151	0	0	0	0	0
California State U., Monterey Bay	254	2,163	949	553	76	154	431	0	0	0	0	0
U. North Carolina, Wilmington	255	2,159	124	1,329	505	51	0	0	2	0	107	41
Louisiana Tech U.	256	2,152	0	0	72	252	220	126	29	0	1,453	0
California State U., San Marcos	257	2,150	433	0	183	9	315	415	0	753	0	42
Barnard C.	258	2,140	65	0	530	0	964	375	53	0	0	153
Amherst C.	259	2,113	61	120	799	207	763	163	0	0	0	0
Clark Atlanta U.	260	2,069	231	0	235	230	1,342	0	0	0	31	0
Desert Research Institute	260	2,069	0	2,069	0	0	0	0	0	0	0	0
Wichita State U.	262	1,994	0	0	341	87	326	0	0	0	1,176	64
Prairie View A&M U.	263	1,981	53	0	34	0	51	0	79	0	1,700	64



TABLE 64

## 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 2022

(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
James Madison U.	264	1,960	16	79	585	71	931	0	0	0	161	117
Occidental C.	265	1,908	i 313 i	165 i	312 i	108 i	394 i	393 i	152 i	0 i	0 i	71 i
Wesleyan U.	266	1,885	0	76	10	161	206	756	30	0	0	646
California State U., East Bay	267	1,880	0	249	188	10	308	0	43	0	0	1,082
U. Tulsa	268	1,875	1,046	2	204	0	24	0	100	0	486	13
CUNY, Graduate Center	269	1,865	6	3	0	88	0	151	470	389	0	758
Central Michigan U.	270	1,823	0	407	892	0	356	65	69	0	34	0
Harvey Mudd C.	271	1,801	573	0	495	168	283	0	0	45	237	0
Hofstra U.	272	1,799	0	196	367	188	538	0	0	0	352	158
South Carolina State U.	273	1,770	i 117 i	0 i	0 i	0 i	706 i	0 i	0 i	0 i	329 i	618 i
Virginia State U.	274	1,735	0	0	44	206	38	3	0	0	80	1,364
U. Texas Southwestern Medical Center	275	1,722	0	0	1,722	0	0	0	0	0	0	0
DePaul U.	276	1,688	613	63	216	92	0	0	50	0	76	578
Pace U.	277	1,672	586	0	17	0	7	0	0	0	0	1,062
CUNY, C. Staten Island	278	1,662	0	0	381	157	614	469	0	0	0	41
Southern Illinois U., Carbondale	279	1,655	0	560	225	4	506	0	49	8	303	0
Arkansas State U., Jonesboro	280	1,632	47	0	761	0	517	0	0	276	31	0
Carleton C.	281	1,618	80	1,112	87	54	217	0	68	0	0	0
Cleveland State U.	282	1,608	0	0	143	0	6	0	0	0	898	561
Appalachian State U.	283	1,604	260	110	506	6	403	28	249	0	42	0
U. Missouri, Kansas City	284	1,562	31	208	0	0	230	0	0	0	887	206
Dakota State U.	285	1,542	1,542	0	0	0	0	0	0	0	0	0
Bucknell U.	286	1,540	10	0	165	117	723	0	0	0	525	0
U. Texas Health Science Center, Houston	287	1,532	0	0	1,532	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	288	1,516	0	0	0	0	0	0	0	0	1,516	0
CUNY, Hunter C.	289	1,488	200	0	0	24	532	127	407	0	6	192
CUNY, Lehman C.	290	1,483	0	0	0	213	721	0	193	0	0	356
California State U., Chico	291	1,474	0	582	76	15	153	0	0	0	400	248
Catholic U. of America	292	1,428	0	0	62	0	818	203	0	8	337	0
Middle Tennessee State U.	293	1,409	162	0	244	357	544	102	0	0	0	0
U. Washington, Tacoma	294	1,394	147	802	9	137	0	0	92	0	0	207
Fort Lewis C.	295	1,377	0	3	39	0	701	0	0	0	484	150
Hope C.	296	1,370	0	0	202	0	856	0	0	0	312	0

TABLE 64

## 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 2022

(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
Rockefeller U.	296	1,370	0	0	1,070	121	179	0	0	0	0	0
California State U., Sacramento	298	1,353	166	23	14	43	150	112	73	5	203	564
Alabama State U.	299	1,349	0	0	1,349	0	0	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	300	1,326	0	0	1,326	0	0	0	0	0	0	0
Wellesley C.	301	1,310	437	157	382	169	0	0	160	0	5	0
California State U., Dominguez Hills	302	1,308	346	0	254	18	0	29	16	0	0	645
Spelman C.	302	1,308	10	0	538	7	385	322	46	0	0	0
Smith C.	304	1,307	234	0	333	244	177	1	0	15	303	0
Clark U.	305	1,302	11	352	291	0	550	0	98	0	0	0
Icahn School of Medicine at Mount Sinai	306	1,299	0	0	1,299	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	307	1,288	0	375	278	0	150	0	68	0	376	41
U. Massachusetts, Medical School	308	1,286	0	0	1,286	0	0	0	0	0	0	0
Bates C.	309	1,266	33	39	1,041	0	91	19	43	0	0	0
Florida Institute of Technology	310	1,260	398	398	123	76	48	0	0	0	217	0
Santa Clara U.	311	1,250	0	0	297	37	370	0	8	0	396	142
Texas Southern U.	312	1,247	99	173	0	94	874	0	0	0	7	0
Winston-Salem State U.	312	1,247	239	0	167	0	411	263	0	138	0	29
California State U., Channel Islands	314	1,227	0	0	0	460	73	0	0	676	1	17
Kennesaw State U.	315	1,217	166	0	32	149	365	0	161	0	79	265
C. New Jersey	316	1,216	212	0	175	21	764	0	3	0	39	2
CUNY, New York City C. of Technology	317	1,199	144	0	126	183	329	0	0	0	33	384
U. Dayton	318	1,190	0	29	169	0	197	216	0	0	508	71
U. Michigan, Dearborn	318	1,190	0	0	26	80	22	0	0	0	1,062	0
Colgate U.	320	1,157	79	288	61	113	595	0	21	0	0	0
U. San Diego	321	1,154	0	66	38	114	384	0	0	0	325	227
CUNY, Brooklyn C.	322	1,151	251	2	127	0	353	243	0	0	0	175
Rutgers, State U. New Jersey, Camden	323	1,123	1,039	0	0	0	0	0	84	0	0	0
Tougaloo C.	324	1,111	74	0	460	61	375	45	42	0	0	54
Murray State U.	325	1,102	0	9	656	351	74	0	0	0	0	12
Tennessee State U.	326	1,099	0	0	1,099	0	0	0	0	0	0	0
Alabama A&M U.	327	1,098	152	0	180	45	228	17	32	0	370	74
Colby C.	328	1,096	63	349	414	28	163	0	0	0	0	79
Oregon Health and Science U.	329	1,082	0	0	492	0	0	0	0	0	590	0

TABLE 64

## 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 2022

(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
Utah Valley U.	330	1,075	16	140	204	82	453	0	0	0	180	0
Central Washington U.	331	1,067	0	793	42	157	50	0	0	0	25	0
Sonoma State U.	332	1,061	0	109	342	506	28	56	0	13	0	7
Towson U.	333	1,053	141	142	295	82	393	0	0	0	0	0
Middlebury C.	334	1,036	20	479	233	0	172	46	86	0	0	0
U. West Florida	335	1,035	661	0	129	0	0	0	0	0	0	245
Georgia Southern U.	336	1,028	16	49	230	29	318	0	0	25	177	184
C. Charleston	337	1,004	167	168	360	0	238	0	0	0	0	71
Elizabeth City State U.	338	1,003	348	0	433	0	0	0	0	0	0	222
Bryn Mawr C.	339	990	120	0	401	53	416	0	0	0	0	0
Xavier U. Louisiana	339	990	52	0	289	0	620	0	18	0	0	11
Lafayette C.	341	983	0	0	524	36	254	0	0	0	160	9
Chapman U.	342	981	0	52	367	0	419	0	34	0	0	109
Swarthmore C.	343	973	55	0	594	111	130	0	0	0	0	83
New York Institute of Technology	344	964	89	0	76	0	101	0	0	0	698	0
U. Maryland, Eastern Shore	345	956	0	880	76	0	0	0	0	0	0	0
U. New Orleans	346	947	90	73	126	19	349	0	112	0	178	0
St. Edward's U.	347	940	120	0	364	50	170	0	0	0	0	236
Toyota Technological Institute, Chicago	348	938	938	0	0	0	0	0	0	0	0	0
U. Arkansas, Little Rock	349	936	658	0	142	1	38	0	0	0	11	86
U. North Florida	349	936	148	0	239	0	324	0	0	0	104	121
Seattle U.	351	934	1	0	83	0	126	0	0	0	33	691
U. Missouri, Saint Louis	352	924	0	0	163	161	285	0	94	0	0	221
Reed C.	353	921	67	0	287	55	344	41	26	0	0	101
Fayetteville State U.	354	919	45	0	0	0	165	0	0	0	102	607
U. Texas M. D. Anderson Cancer Center	355	918	0	0	797	33	88	0	0	0	0	0
Bowdoin C.	356	911	51	92	419	29	155	0	0	0	0	165
Mount Holyoke C.	357	910	225	0	193	146	266	80	0	0	0	0
Southern Illinois U., Edwardsville	358	890	1	144	90	26	75	0	74	0	2	478
Pacific U.	359	883	0	0	77	0	367	0	14	0	0	425
Northwest Indian C.	360	881	0	0	0	0	0	0	0	0	0	881
Butler U.	361	879	0	0	733	0	105	41	0	0	0	0
Furman U.	362	873	0	0	31	0	716	126	0	0	0	0

TABLE 64

## 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 2022

(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. Puerto Rico, Humacao	363	870	0	92	0	0	778	0	0	0	0	0
CUNY, Baruch C.	364	869	0	0	169	460	32	194	0	0	0	14
Colorado C.	365	868	0	432	0	44	211	0	0	0	0	181
U. Nebraska, Medical Center	366	860	0	0	860	0	0	0	0	0	0	0
Sam Houston State U.	367	850	0	118	147	356	187	0	42	0	0	0
Bowie State U.	368	845	325	0	216	0	304	0	0	0	0	0
U. Richmond	369	843	0	0	278	0	265	253	47	0	0	0
Northeastern Illinois U.	370	839	104	54	62	43	0	0	8	0	7	561
Fordham U.	371	836	2	0	267	34	392	82	0	0	0	59
Saint Joseph's U.	372	826	0	0	465	0	33	0	0	0	0	328
CUNY, John Jay C. of Criminal Justice	373	819	0	0	313	98	58	106	141	16	0	87
Duquesne U.	374	817	0	0	155	36	324	0	0	0	21	281
Eastern Michigan U.	375	815	11	47	259	24	25	138	21	0	0	290
Kenyon C.	376	807	0	0	528	0	279	0	0	0	0	0
Florida Gulf Coast U.	377	800	0	539	45	0	106	0	0	0	0	110
Haverford C.	377	800	18	31	88	30	511	107	15	0	0	0
Macalester C.	379	799	0	142	55	81	414	0	18	0	0	89
CUNY, system office	380	798	8	0	38	0	0	0	0	0	718	34
Gallaudet U.	381	795	262	0	63	0	39	166	40	0	0	225
Creighton U.	382	792	182	0	121	51	310	20	39	0	0	69
U. New Haven	383	788	702	81	0	0	0	0	0	0	5	0
Marshall U.	384	778	158	13	294	0	29	0	0	0	284	0
U. Texas Medical Branch	385	775	0	0	775	0	0	0	0	0	0	0
New School	386	774	0	131	1	0	0	297	92	0	253	0
U. Northern Colorado	387	767	0	151	130	31	3	24	428	0	0	0
Davidson C.	388	763	164	0	129	0	298	20	152	0	0	0
Texas A&M U.-Commerce	389	754	0	0	0	0	713	0	0	0	0	41
Morehouse School of Medicine	390	752	0	0	752	0	0	0	0	0	0	0
Vassar C.	391	741	113	2	429	80	0	0	17	0	0	100
Loyola Marymount U.	392	727	114	0	609	4	0	0	0	0	0	0
Christopher Newport U.	393	721	0	0	0	222	479	0	0	0	0	20
Citadel Military C. South Carolina	394	718	0	0	0	0	9	21	0	0	69	619
Hobart and William Smith Colleges	394	718	0	235	217	85	171	0	0	10	0	0

TABLE 64

## 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 2022

(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
Union C., Schenectady	396	716	49	158	41	36	78	0	0	0	354	0
Naval Postgraduate School	397	712	100	422	0	0	0	0	0	0	190	0
Roger Williams U.	398	707	0	86	260	0	30	0	0	0	0	331
Purdue U., Northwest	399	697	99	0	0	0	150	0	0	93	355	0
U. Puget Sound	400	684	0	31	572	0	60	0	21	0	0	0
Yeshiva U.	401	682	0	0	0	0	682	0	0	0	0	0
West Texas A&M U.	402	676	144	151	0	0	218	0	0	0	163	0
Lewis and Clark C.	403	675	0	137	345	0	193	0	0	0	0	0
California State U., Stanislaus	404	664	208	0	195	218	0	25	18	0	0	0
California State U., Bakersfield	405	661	0	17	0	438	105	0	0	0	101	0
Willamette U.	406	658	0	85	313	0	56	0	0	0	0	204
Montana Technological U.	407	655	0	209	16	0	196	0	0	0	234	0
U. Alaska, Southeast	408	651	0	121	30	0	0	0	0	500	0	0
SUNY, Geneseo	409	644	0	0	26	0	591	0	27	0	0	0
Fort Valley State U.	410	641	0	79	479	0	83	0	0	0	0	0
Pomona C.	410	641	9	62	158	222	182	8	0	0	0	0
Skidmore C.	412	640	0	157	108	0	318	38	0	0	0	19
U. Northern Iowa	413	637	0	0	0	0	53	0	584	0	0	0
Wright State U.	413	637	0	87	231	0	168	36	0	0	115	0
Calvin U.	415	636	44	0	48	0	246	0	0	265	33	0
Williams C.	416	629	38	72	234	32	188	23	14	0	0	28
U. Texas Health Science Center, San Antonio	417	621	0	0	621	0	0	0	0	0	0	0
U. Virginia's C. Wise	417	621	447	0	0	0	23	0	0	0	151	0
U.S. Naval Academy	419	618	58	62	0	18	197	0	0	0	283	0
Dine C.	420	614	0	0	614	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	421	613	29	0	0	2	68	0	23	0	107	384
St. John's U., New York	422	612	131	0	215	0	157	93	0	0	0	16
Western Kentucky U.	423	611	0	50	37	57	337	4	0	0	126	0
Youngstown State U.	423	611	132	0	0	66	242	0	0	0	171	0
Ball State U.	425	610	128	0	53	27	298	82	22	0	0	0
Pepperdine U.	426	609	0	0	213	0	0	0	0	0	0	396
Claremont McKenna C.	427	603	24	0	113	79	81	306	0	0	0	0
U. Hawaii, Hilo	428	600	82	7	290	25	145	0	51	0	0	0

TABLE 64

## 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 2022

(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													
Salisbury U.	429	591	191	0	111	0	0	0	0	0	0	289													
Texas Woman's U.	430	590	0	0	586	0	4	0	0	0	0	0													
Black Hills State U.	431	582	363	0	98	0	95	0	0	0	0	26													
SUNY, Buffalo State	432	550	0	367	0	139	0	0	0	0	0	44													
Franklin W. Olin C. of Engineering	433	540	0	0	0	0	0	0	0	0	540	0													
C. Wooster	434	536	0	155	0	68	313	0	0	0	0	0													
U. Nebraska, Kearney	435	533	0	0	445	0	62	0	0	0	0	26													
Long Island U.	436	530	28	262	61	0	172	0	0	0	0	7													
U. Texas, Tyler	437	528	37	0	318	74	0	0	4	0	95	0													
Trinity U.	438	513	0	90	0	38	373	0	5	0	7	0													
Missouri State U.	439	507	0	225	67	0	30	48	137	0	0	0													
Central State U.	440	481	0	0	90	42	108	0	0	34	207	0													
Dillard U.	441	471	0	89	166	19	23	0	0	174	0	0													
Bentley U.	442	470	75	13	0	51	0	0	45	0	0	286													
East Stroudsburg U. Pennsylvania	442	470	0	0	0	0	0	0	0	0	0	470													
Milwaukee School of Engineering	444	464	65	0	0	0	0	0	0	0	399	0													
Texas Christian U.	445	436	104	0	26	0	181	3	10	0	0	112													
U. Oklahoma, Tulsa	446	432	0	0	0	0	0	0	0	0	432	0													
Whitman C.	447	429	0	107	98	0	194	0	30	0	0	0													
Grambling State U.	448	428	i	0	i	0	i	0	i	0	i	0	i												
Northern Kentucky U.	448	428	0	0	0	72	347	0	4	0	0	5													
Texas Tech U., Health Sciences Center	450	423	0	0	411	0	0	0	0	0	0	12													
Hawaii Pacific U.	451	420	0	390	10	0	0	0	0	0	14	6													
Franklin and Marshall C.	452	419	0	0	0	0	390	29	0	0	0	0													
Indiana U. Pennsylvania	453	417	0	211	6	0	132	68	0	0	0	0													
Medical U. South Carolina	454	409	0	0	409	0	0	0	0	0	0	0													
SUNY, Downstate Health Sciences U.	455	405	0	0	405	0	0	0	0	0	0	0													
Winthrop U.	456	394	58	10	0	0	234	0	0	0	0	92													
Tarleton State U.	457	387	0	0	0	0	0	0	0	387	0	0													
Texas A&M U.-San Antonio	457	387	151	0	200	0	0	0	36	0	0	0													
New Mexico Highlands U.	459	386	i	53	i	77	i	14	i	96	i	79	i	0	i	17	i	0	i	0	i	0	i	50	i
East Tennessee State U.	460	378	0	0	102	125	151	0	0	0	0	0													
Grand Valley State U.	460	378	0	119	181	0	30	33	0	0	0	15													

TABLE 64

## 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 2022

(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	460	378	19	69	0	0	26	0	0	0	0	264
Texas A&M International U.	463	372	0	0	0	7	0	0	0	365	0	0
CUNY, York C.	464	350	0	289	0	61	0	0	0	0	0	0
Drake U.	465	349	0	0	30	108	211	0	0	0	0	0
California State Polytechnic U., Humboldt	466	337	10	80	215	0	32	0	0	0	0	0
U. Arkansas for Medical Sciences	467	332	0	0	332	0	0	0	0	0	0	0
U. Central Oklahoma	468	331	i 37	i 0	i 72	i 28	i 86	i 5	i 1	i 0	i 59	i 43
U. Wisconsin-Eau Claire	469	330	0	33	0	11	286	0	0	0	0	0
Southeastern Louisiana U.	470	328	0	0	203	0	125	0	0	0	0	0
Alaska Pacific U.	471	326	0	287	0	0	0	0	0	0	0	39
Colorado State U., Pueblo	471	326	326	0	0	0	0	0	0	0	0	0
Kean U.	471	326	234	0	24	0	0	0	0	0	0	68
U. South Carolina, Aiken	474	325	0	0	325	0	0	0	0	0	0	0
Northland C.	475	321	i 0	i 51	i 193	i 34	i 0	i 17	i 7	i 0	i 0	i 19
Lawrence Technological U.	476	317	52	0	0	21	132	0	0	0	111	1
Western Carolina U.	477	316	0	13	210	0	0	0	0	0	93	0
Hamilton C.	478	310	0	49	75	0	42	0	139	0	0	5
Coastal Carolina U.	479	301	11	121	109	0	60	0	0	0	0	0
Florida Polytechnic U.	480	291	16	0	0	0	0	0	0	0	200	75
U. of the Pacific	481	290	0	53	114	0	123	0	0	0	0	0
St. Cloud State U.	482	288	0	0	0	0	0	0	0	0	0	288
Ithaca C.	483	287	57	13	0	122	51	0	44	0	0	0
U. San Francisco	484	285	0	138	39	12	0	0	96	0	0	0
Stockton U.	485	281	0	281	0	0	0	0	0	0	0	0
Western New England U.	486	274	69	0	0	50	0	0	0	0	155	0
U. of St. Thomas (MN)	487	269	7	7	102	19	40	0	0	0	39	55
Saginaw Valley State U.	488	267	i 74	i 0	i 48	i 0	i 0	i 0	i 1	i 0	i 0	i 144
Augusta U.	489	266	164	0	21	81	0	0	0	0	0	0
Lincoln U., Jefferson City	490	265	0	28	40	0	0	0	0	197	0	0
U. Wisconsin-Oshkosh	490	265	0	23	9	0	11	0	0	0	0	222
Plymouth State U.	492	262	0	262	0	0	0	0	0	0	0	0
Northeast Ohio Medical U.	493	256	0	0	22	0	0	0	232	0	2	0
Trinity C., Hartford	494	255	0	0	152	18	85	0	0	0	0	0

TABLE 64

## 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 2022

(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
Savannah State U.	495	254	0	37	11	0	53	0	6	34	113	0
West Chester U. Pennsylvania	496	252	0	0	6	0	219	0	8	0	0	19
Clafin U.	497	248	26	16	34	0	45	0	64	0	63	0
Midwestern U.	497	248	0	0	248	0	0	0	0	0	0	0
U. North Georgia	499	247	22	62	26	0	0	0	0	0	0	137
Lamar U.	500	246	55	0	23	0	30	0	0	0	91	47
U. Central Arkansas	500	246	50	0	101	1	94	0	0	0	0	0
Grinnell C.	502	242	123	0	20	21	43	0	2	0	0	33
Southern Connecticut State U.	503	240	2	0	31	0	113	14	0	27	0	53
Stephen F. Austin State U.	504	235	0	0	0	208	0	0	0	0	0	27
U. of the Incarnate Word	505	233	0	0	5	0	228	0	0	0	0	0
Augustana U.	506	230	0	0	124	0	106	0	0	0	0	0
U. Ana G. Mendez, Gurabo	506	230	0	0	197	0	33	0	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	508	226	0	0	226	0	0	0	0	0	0	0
U. of Mary Washington	509	223	0	28	111	0	84	0	0	0	0	0
Medical C. Wisconsin	510	215	0	0	84	0	0	0	0	0	131	0
Minnesota State U., Mankato	511	214	1	5	197	0	11	0	0	0	0	0
U. Wisconsin-La Crosse	512	203	62	0	0	43	73	0	25	0	0	0
U. Baltimore	513	201	128	0	0	0	0	0	73	0	0	0
Seton Hall U.	514	200	0	0	0	0	200	0	0	0	0	0
Morehead State U.	515	197	0	0	197	0	0	0	0	0	0	0
Meharry Medical C.	516	186	65	0	121	0	0	0	0	0	0	0
Albion C.	517	181	37	35	12	31	33	0	21	0	0	12
Eastern Washington U.	517	181	0	0	63	0	118	0	0	0	0	0
Northern Michigan U.	519	178	14	78	86	0	0	0	0	0	0	0
Alfred U.	520	177	0	0	0	0	0	0	0	0	177	0
U. New England	521	176	0	109	67	0	0	0	0	0	0	0
William Paterson U.	522	174	0	144	30	0	0	0	0	0	0	0
Nevada State C.	523	173	0	82	91	0	0	0	0	0	0	0
Monmouth U.	524	162	0	0	51	0	99	12	0	0	0	0
Marymount U.	525	161	161	0	0	0	0	0	0	0	0	0
Canisius C.	526	159	0	0	0	0	159	0	0	0	0	0
Claremont Graduate U.	527	153	0	0	0	15	0	26	107	0	0	5



TABLE 64

## 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 2022

(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	
Louisiana State U., Health Sciences Center, New Orleans	527	153	0	0	153	0	0	0	0	0	0	0	
Pratt Institute	527	153	0	0	0	0	0	0	0	0	0	153	
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	530	152	0	0	152	0	0	0	0	0	0	0	
U.S. Army War C.	531	151	i	i	0	i	0	i	151	i	0	i	
U. Tennessee, Health Science Center	532	150	0	0	150	0	0	0	0	0	0	0	
SUNY, C. Brockport	533	146	0	0	12	0	105	0	1	0	0	28	
Elon U.	534	145	0	0	0	84	0	50	0	0	0	11	
Indiana State U.	535	143	0	110	0	24	9	0	0	0	0	0	
U. Houston-Downtown	536	139	96	4	32	0	7	0	0	0	0	0	
Van Andel Research Institute	536	139	0	0	139	0	0	0	0	0	0	0	
Connecticut C.	538	138	0	0	138	0	0	0	0	0	0	0	
Nova Southeastern U.	538	138	0	133	5	0	0	0	0	0	0	0	
Purdue U., Fort Wayne	540	135	0	0	0	0	56	0	0	0	79	0	
U. Wisconsin-Green Bay	541	131	i	17	i	17	i	18	i	5	i	24	i
Alcorn State U.	542	129	i	0	i	0	i	0	i	0	i	0	i
Manhattan C.	543	128	0	0	0	70	0	0	0	0	58	0	
U. Arkansas, Pine Bluff	544	125	0	0	18	0	107	0	0	0	0	0	
Kentucky State U.	545	124	5	0	0	119	0	0	0	0	0	0	
Sul Ross State U.	545	124	i	14	i	25	i	20	i	10	i	28	i
California State U., Maritime Academy	547	123	0	34	0	0	0	0	0	0	32	57	
SUNY, Oswego	548	113	0	16	82	0	15	0	0	0	0	0	
U. Detroit Mercy	549	112	23	0	82	0	0	0	0	0	7	0	
Rhode Island C.	550	110	0	0	110	0	0	0	0	0	0	0	
Eastern Connecticut State U.	551	103	0	0	19	0	0	0	0	0	0	84	
U. Houston-Clear Lake	552	94	2	0	0	0	61	23	0	0	8	0	
Austin Peay State U.	553	92	0	0	34	0	58	0	0	0	0	0	
U. Wisconsin-Stevens Point	553	92	0	0	6	0	86	0	0	0	0	0	
West Virginia State U.	555	85	0	0	85	0	0	0	0	0	0	0	
U. Wisconsin-Platteville	556	84	i	15	i	0	i	13	i	6	i	19	i
Texas Tech U., Health Sciences Center, El Paso	557	78	0	0	70	0	0	0	0	0	0	8	
U. Hartford	558	74	0	0	44	30	0	0	0	0	0	0	
Suffolk U.	559	73	0	14	14	0	45	0	0	0	0	0	

TABLE 64

## 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 2022

(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
Troy U.	560	72	0	0	2	0	0	0	0	0	56	14
U. Southern Maine	561	69	0	21	7	13	0	0	28	0	0	0
U. Puerto Rico, Cayey	562	68	0	0	30	0	38	0	0	0	0	0
Pennsylvania State U., Harrisburg	563	66	5	3	35	7	7	0	0	0	9	0
Air Force Institute of Technology	564	65	0	0	0	0	65	0	0	0	0	0
California Lutheran U.	564	65	0	0	23	0	42	0	0	0	0	0
Erikson Institute	566	63	0	0	0	0	0	0	0	0	0	63
Johnson C. Smith U.	567	60	0	0	60	0	0	0	0	0	0	0
Langston U.	567	60	0	0	0	0	46	0	0	0	0	14
SUNY, Upstate Medical U.	569	54	0	0	54	0	0	0	0	0	0	0
Oregon Institute of Technology	570	49	i 15	i 1	i 17	i 7	i 0	i 1	i 0	i 0	i 8	i 0
Pittsburg State U.	570	49	0	0	49	0	0	0	0	0	0	0
Framingham State U.	572	48	i 6	i 0	i 12	i 5	i 11	i 0	i 1	i 0	i 0	i 13
SUNY, C. Plattsburgh	573	46	0	33	0	0	13	0	0	0	0	0
St. Catherine U.	574	44	0	0	36	0	0	0	8	0	0	0
Mercer U.	575	37	3	0	0	0	0	0	34	0	0	0
Western Illinois U.	575	37	0	0	0	0	37	0	0	0	0	0
U. Texas of the Permian Basin	577	35	0	0	0	0	0	35	0	0	0	0
Robert Morris U.	578	31	i 8	i 0	i 4	i 2	i 0	i 1	i 2	i 0	i 10	i 4
Babson C.	579	29	0	0	0	0	0	0	0	0	0	29
Central Connecticut State U.	579	29	0	0	0	0	6	0	0	0	0	23
U. Wisconsin-Superior	581	28	0	28	0	0	0	0	0	0	0	0
U.S. Air Force Academy	581	28	0	0	0	28	0	0	0	0	0	0
Mercyhurst U.	583	24	0	0	0	0	24	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	583	24	0	0	24	0	0	0	0	0	0	0
C. of Saint Benedict	585	23	i 3	i 0	i 7	i 2	i 8	i 1	i 1	i 0	i 0	i 1
U. Illinois, Springfield	586	21	0	0	0	0	0	0	0	0	0	21
Des Moines U.	587	20	0	10	10	0	0	0	0	0	0	0
Thomas Jefferson U.	588	17	0	0	17	0	0	0	0	0	0	0
Virginia Military Institute	588	17	0	0	0	0	17	0	0	0	0	0
Eastern Virginia Medical School	590	16	0	0	16	0	0	0	0	0	0	0
U.S. Military Academy	591	14	14	0	0	0	0	0	0	0	0	0
Western U. of Health Sciences	591	14	0	0	14	0	0	0	0	0	0	0

TABLE 64

**Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2022**

(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
Rush U.	593	11	0	0	11	0	0	0	0	0	0	0
Kettering U.	594	10	8	0	0	0	2	0	0	0	0	0
Touro U., California	594	10	0	0	10	0	0	0	0	0	0	0
Marshall B. Ketchum U.	596	8 i	0 i	0 i	8 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Louisiana, Monroe	597	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 \$2,553 thousand in R&D expenditures financed by NSF in FY 2022.

<sup>c</sup> The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.

<sup>d</sup> The University of Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of Colorado Denver and Anschutz Medical Campus.

**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2022 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 2022.