

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 2021

(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	-	5,410,561	707,395	653,911	734,797	205,576	1,070,906	80,771	154,079	96,865	1,391,029	315,232
Woods Hole Oceanographic Institution	1	120,859	0	65,308	0	0	0	0	0	0	55,551	0
U. Illinois, Urbana-Champaign	2	120,001	43,553	2,213	7,341	1,901	20,035	2,475	1,021	333	37,188	3,941
U. Washington, Seattle	3	115,139	9,210	29,179	10,708	1,983	14,316	3,022	2,472	0	31,224	13,025
Texas A&M U., College Station and Health Science Center	4	111,581	5,591	64,804	5,606	3,424	8,037	0	762	209	22,362	786
Cornell U.	5	110,332	12,648	2,588	16,815	1,973	43,374	699	2,506	0	28,518	1,211
U. Michigan, Ann Arbor	6	97,499	3,305	2,217	11,687	4,100	13,744	1,783	16,297	314	38,842	5,210
U. Texas, Austin	7	97,303	36,412	8,124	7,446	2,526	9,619	546	1,930	0	27,325	3,375
Massachusetts Institute of Technology	8	93,738	13,933	8,213	7,932	3,762	29,118	177	1,556	1,705	25,949	1,393
U. California, San Diego	9	90,861	14,622	27,072	5,090	2,520	6,290	2,914	563	5,057	26,493	240
U. Wisconsin-Madison	10	90,800	10,666	11,018	12,117	3,196	28,107	1,288	1,822	1,731	14,291	6,564
Columbia U. in the City of New York	11	89,066	10,268	34,547	7,354	1,786	16,377	424	1,102	0	12,975	4,233
California Institute of Technology	12	88,858	2,441	6,789	2,614	605	71,651	0	0	0	4,175	583
U. Colorado Boulder	13	87,115	10,193	19,629	4,913	1,607	19,014	492	4,105	730	14,878	11,554
Stanford U.	14	79,576	5,854	4,509	9,539	3,017	14,718	1,048	3,072	0	15,182	22,637
Michigan State U.	15	71,392	3,258	878	17,197	3,363	32,201	937	1,651	942	5,676	5,289
Carnegie Mellon U.	16	70,532	46,110	277	926	1,823	3,706	1,557	495	3,641	11,848	149
Purdue U., West Lafayette	17	70,105	7,776	1,664	6,551	483	8,790	302	1,156	16	38,310	5,057
Arizona State U.	18	69,074	5,504	4,227	10,834	1,076	5,466	668	6,130	6,670	26,866	1,633
Pennsylvania State U., University Park and Hershey Medical Center	19	68,873	7,819	7,301	8,337	2,826	13,972	1,784	1,856	0	19,360	5,618
U. Minnesota, Twin Cities	20	68,332	7,111	7,674	12,167	3,954	7,946	1,134	2,545	126	24,191	1,484
Princeton U.	21	66,663	11,167	9,146	4,399	3,700	22,328	1,373	1,705	0	12,690	155
U. California, Berkeley	22	63,624	144	1,879	8,193	4,979	15,377	1,337	1,095	4,842	23,224	2,554
Georgia Institute of Technology	23	60,036	9,167	2,415	2,899	3,160	7,224	101	535	0	31,407	3,128
U. California, Los Angeles	24	59,959	6,070	6,792	5,704	3,889	8,588	1,563	2,151	4,801	13,264	7,137
U. Chicago	25	58,602	12,985	5,358	3,280	2,976	18,525	1,052	5,614	0	7,473	1,339
North Carolina State U.	26	55,951	9,154	1,746	7,341	4,986	3,567	561	552	218	24,066	3,760
U. Maryland ^a	27	54,776	7,810	3,919	6,792	2,113	16,619	215	2,945	264	11,892	2,207
Northwestern U.	28	53,359	3,189	406	3,596	1,005	14,197	357	2,546	11,277	16,322	464

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Florida State U.	29	53,176	2,572	3,474	3,561	980	26,805	365	745	0	12,107	2,567
Oregon State U.	30	50,582	1,819	22,912	8,569	469	1,720	291	803	2,285	8,113	3,601
U. Southern California	31	49,721	15,276	4,289	7,274	901	3,627	472	1,316	143	12,397	4,026
U. Florida	32	49,024	4,659	6,337	7,400	496	7,244	111	952	0	16,731	5,094
Virginia Polytechnic Institute and State U.	33	48,740	5,475	996	9,992	1,678	7,174	120	432	29	21,916	928
Ohio State U.	34	48,648	5,301	2,675	7,635	2,374	10,536	1,602	2,580	2,311	12,763	871
U. Arizona	35	48,592	2,660	5,188	14,233	1,661	10,158	217	2,969	2,072	7,949	1,485
U. California, Santa Barbara	36	47,941	3,028	8,177	3,131	848	16,592	839	0	0	14,635	691
U. California, Irvine	37	47,367	7,937	3,521	5,144	2,196	8,682	1,210	1,127	0	11,443	6,107
Northeastern U.	38	47,090	9,634	1,689	2,024	721	4,706	285	1,448	0	23,408	3,175
Harvard U.	39	47,086	3,358	3,177	7,554	2,199	12,741	196	1,904	0	13,286	2,671
U. Pennsylvania	40	47,054	4,808	455	3,930	1,262	15,419	1,154	1,502	1	10,877	7,646
New York U.	41	42,854	5,646	71	5,626	5,958	6,890	2,747	3,264	0	9,799	2,853
Rutgers, State U. New Jersey, New Brunswick	42	41,762	3,616	4,173	9,138	4,794	5,879	421	136	25	10,827	2,753
SUNY, Stony Brook U.	43	40,234	6,758	3,451	2,229	2,032	16,705	564	255	2,823	5,055	362
U. North Carolina, Chapel Hill	44	40,150	10,719	3,516	4,553	3,526	8,794	469	2,024	0	1,507	5,042
Indiana U., Bloomington	45	39,460	17,143	964	4,059	841	7,416	1,744	1,342	29	2,811	3,111
U. Utah	46	38,298	12,172	2,891	3,529	1,551	8,585	200	596	0	6,715	2,059
Johns Hopkins U. ^b	47	36,823	3,427	2,787	4,047	1,355	10,756	531	111	82	12,990	737
U. Alaska, Fairbanks	48	36,484	53	22,242	9,461	118	2,287	0	410	50	961	902
U. Virginia, Charlottesville	49	35,864	7,508	2,402	4,599	1,089	5,589	686	2,561	986	8,295	2,149
Rice U.	50	35,401	3,691	994	1,716	2,095	7,459	764	602	393	15,488	2,199
U. California, Davis	51	34,803	3,022	2,298	12,092	3,165	4,296	478	945	2	6,830	1,675
U. Massachusetts, Amherst	52	34,549	7,425	1,177	4,377	1,060	4,905	1,374	1,197	0	9,959	3,075
Duke U.	53	33,567	3,165	1,153	7,213	3,577	3,527	126	2,578	7	11,470	751
Boston U.	54	33,284	3,261	1,270	2,398	756	7,322	1,150	460	1,184	13,451	2,032
U. Delaware	55	32,207	1,498	5,820	3,610	1,023	6,990	828	1,545	658	9,112	1,123
Yale U.	56	31,835	4,015	1,565	10,441	1,515	5,608	1,006	1,519	0	6,054	112
Iowa State U.	57	30,813	1,873	828	7,369	1,367	3,584	198	310	0	13,499	1,785
U. Georgia	58	30,420	982	3,606	15,172	751	2,185	1,590	1,149	39	3,130	1,816

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U. Hawaii, Manoa	59	29,782	2,130	19,054	1,407	370	3,418	7	1,028	405	1,857	106
U. Pittsburgh, Pittsburgh	60	29,667	2,560	830	4,808	1,238	5,560	330	561	2,739	9,600	1,441
SUNY, U. Buffalo	61	29,583	8,135	1,590	1,408	330	4,732	622	179	0	11,654	933
U. Notre Dame	62	28,682	3,792	0	1,418	2,344	10,724	393	529	536	8,596	350
Colorado State U., Fort Collins	63	27,501	1,640	6,472	5,267	1,323	3,371	1,254	264	328	5,698	1,884
U. Nebraska, Lincoln	64	27,251	3,507	312	10,787	486	6,230	191	593	0	3,579	1,566
U. California, Riverside	65	26,166	4,063	987	5,854	859	6,006	309	488	0	7,023	577
Brown U.	66	26,053	2,467	2,481	6,138	4,616	4,463	0	321	1,055	4,482	30
Vanderbilt U. and Vanderbilt U. Medical Center	67	25,555	4,336	504	3,503	548	1,916	1,839	258	0	6,142	6,509
U. New Mexico	68	23,926	1,719	3,776	3,589	789	2,006	14	1,356	0	8,895	1,782
U. Central Florida	69	23,480	2,874	14	910	547	3,102	29	313	90	13,569	2,032
Florida International U.	70	22,802	7,133	2,791	2,122	520	2,326	416	162	731	6,550	51
U. Connecticut	71	22,779	2,090	2,570	6,018	999	2,429	1,006	499	41	6,634	493
U. Tennessee, Knoxville	72	22,000	3,466	581	3,323	434	2,335	641	146	619	9,948	507
U. Illinois, Chicago	73	21,630	3,936	126	2,078	1,966	3,795	4	196	0	7,431	2,098
Washington U., Saint Louis	74	19,938	2,453	1,078	4,153	652	3,814	62	537	1,949	5,040	200
U. Rhode Island	75	19,473	376	9,006	2,132	0	900	0	67	4,336	2,336	320
U. Kansas	76	19,377	1,315	2,505	6,011	332	4,471	522	626	0	3,125	470
Dartmouth C. and Dartmouth Hitchcock Medical Center	77	18,918	2,812	771	1,401	331	3,149	1,963	613	633	6,982	263
Washington State U.	78	18,295	3,034	1,178	4,888	59	2,524	91	431	137	5,001	952
Clemson U.	79	17,932	1,647	0	1,247	872	1,617	344	730	0	10,036	1,439
U. Rochester	80	17,335	2,545	1,822	1,890	210	5,094	400	149	664	3,414	1,147
Louisiana State U., Baton Rouge	81	17,191	1,120	1,581	2,350	1,232	5,684	50	400	102	3,725	947
U. Wyoming	82	17,125	360	5,336	3,012	582	1,101	47	387	4,636	1,640	24
U. Kentucky	83	16,540	1,185	354	4,045	432	3,421	34	206	74	6,290	499
Montana State U., Bozeman	84	16,102	709	1,798	2,502	545	6,024	0	43	1,436	2,627	418
U. Houston	85	14,994	1,422	798	1,192	2,170	2,367	163	214	233	6,326	109
U. Missouri, Columbia	86	14,915	1,337	458	5,902	633	1,102	515	284	661	2,529	1,494
Colorado School of Mines	87	14,905	2,462	1,389	105	163	2,885	0	233	0	5,892	1,776
U. New Hampshire	88	14,761	551	4,760	2,892	335	1,215	11	342	0	4,211	444
U. Texas, Dallas	89	14,529	3,721	128	318	673	2,433	63	730	0	5,992	471

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U. South Carolina, Columbia	90	14,409	1,406	1,432	4,970	681	669	3	363	0	2,274	2,611
Drexel U.	91	14,399	2,826	0	1,678	550	840	0	709	238	5,782	1,776
U. Arkansas, Fayetteville	92	14,101	1,624	1,491	3,540	34	1,563	54	220	0	5,403	172
Kansas State U.	93	14,066	829	291	5,075	123	2,080	0	329	89	3,642	1,608
U. Idaho	94	14,048	1,210	669	8,620	142	0	0	583	0	1,303	1,521
U. Oregon	95	14,016	570	2,409	1,895	641	4,043	322	933	0	0	3,203
Emory U.	96	13,948	799	19	3,047	834	7,524	218	674	0	745	88
U. California, Santa Cruz	97	13,870	2,005	3,710	1,026	139	3,459	13	482	0	2,780	256
U. Alabama, Tuscaloosa	98	13,801	988	361	2,232	243	1,457	41	624	0	6,274	1,581
Tufts U.	99	13,665	559	181	1,715	2,185	1,685	163	807	115	5,369	886
U. Oklahoma, Norman and Health Science Center	100	13,514	1,764	2,520	3,033	402	1,530	132	997	0	2,614	522
George Washington U.	101	13,487	1,654	59	1,851	345	1,365	239	1,596	875	4,845	658
U. South Florida ^C	102	13,081	1,807	2,394	1,307	484	1,677	103	654	237	3,912	506
U. Montana, Missoula	103	12,999	555	2,551	8,193	366	830	0	473	0	0	31
U. Nevada, Reno	104	12,778	1,879	1,416	3,078	404	2,060	596	62	0	3,011	272
Syracuse U.	105	12,585	1,035	999	976	457	4,127	0	720	3	4,188	80
New Mexico State U.	106	12,458	3,165	1,252	1,705	57	2,871	89	104	24	2,880	311
George Mason U.	107	12,345	3,490	1,407	789	568	752	291	363	14	2,906	1,765
Boise State U.	108	11,953	942	1,783	4,505	1,030	368	0	8	193	1,873	1,251
Lehigh U.	109	11,749	1,232	677	718	127	667	235	0	0	7,803	290
U. Maine	110	11,636	774	2,207	3,317	18	760	0	13	3,301	824	422
U. Texas, El Paso	111	11,223	3,658	1,087	1,683	137	1,235	368	315	0	2,362	378
U. Maryland, Baltimore County	112	11,141	4,332	806	908	228	1,536	0	97	1,173	1,408	653
CUNY, City C.	113	11,056	375	343	839	125	4,722	0	0	0	4,566	86
Worcester Polytechnic Institute	114	10,889	3,843	0	428	503	1,320	0	410	0	3,702	683
Rensselaer Polytechnic Institute	115	10,817	1,164	318	828	329	929	150	196	25	6,690	188
Temple U.	116	10,764	1,661	257	1,830	363	3,152	1,366	168	0	888	1,079
U. North Carolina, Charlotte	117	10,744	5,505	254	332	383	890	14	936	0	1,930	500
U. Iowa	118	10,635	1,024	318	1,041	223	2,841	192	555	99	3,121	1,221
New Jersey Institute of Technology	119	10,324	2,423	0	307	1,170	3,096	0	0	0	3,154	174
Auburn U., Auburn	120	10,226	900	678	2,373	395	2,107	40	113	219	3,230	171

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Wayne State U.	121	10,172	1,257	63	1,020	499	4,135	168	279	201	2,100	450
West Virginia U.	122	9,945	714	167	930	352	4,168	30	352	137	2,240	855
U. Miami	123	9,921	374	6,718	854	356	1,020	194	16	0	382	7
Utah State U.	124	9,915	1,765	623	2,368	172	879	40	15	0	3,520	533
North Dakota State U.	125	9,637	346	105	3,296	55	2,586	260	21	1,858	799	311
Northern Arizona U.	126	9,634	661	2,600	3,930	0	880	0	0	130	859	574
U. Vermont	127	9,574	355	417	3,745	53	1,281	20	182	2,787	609	125
U. California, San Francisco	128	9,402	0	0	5,596	0	3,806	0	0	0	0	0
U. Texas, Arlington	129	9,340	2,369	65	1,069	492	2,382	0	7	0	2,547	409
Rochester Institute of Technology	130	9,216	3,008	0	289	921	2,064	0	159	0	1,470	1,305
Mississippi State U.	131	9,215	1,083	128	671	189	1,153	0	169	0	5,315	507
Oklahoma State U., Stillwater	132	9,134	406	24	2,513	472	649	111	98	1,662	2,754	445
North Carolina Agricultural and Technical State U.	133	9,073	519	0	1,375	658	903	121	8	0	4,018	1,471
Case Western Reserve U.	134	9,028	1,022	30	1,276	310	2,143	22	182	0	3,387	656
U. Wisconsin-Milwaukee	134	9,028	0	418	362	0	6,957	14	192	0	964	121
U. Cincinnati	136	8,595	188	89	1,051	287	2,057	23	319	0	3,892	689
Georgia State U.	137	8,515	756	294	475	385	3,374	338	797	0	0	2,096
Brigham Young U., Provo	138	8,317	289	164	905	403	1,580	48	103	0	4,814	11
U. Texas, San Antonio	139	8,001	3,136	495	732	116	788	85	532	18	1,761	338
SUNY, U. Albany	140	7,863	778	3,431	1,180	248	631	35	162	0	531	867
San Diego State U.	141	7,803	465	173	1,780	1,036	1,065	547	566	31	1,011	1,129
Texas Tech U.	142	7,510	861	675	762	177	690	264	34	0	3,227	820
U. Alabama, Huntsville	143	7,400	1,465	686	121	15	4,239	0	0	0	869	5
U. Louisville	144	7,312	0	163	597	99	622	205	35	0	5,494	97
U. Puerto Rico, Rio Piedras	145	7,136	258	1,573	937	0	1,563	0	15	1,499	1,152	139
Virginia Commonwealth U.	146	7,003	917	179	1,072	404	931	109	160	0	2,658	573
New Mexico Institute of Mining and Technology	147	6,970	1,008	5,082	9	0	700	0	0	0	126	45
Portland State U.	148	6,865	1,146	356	1,593	585	395	14	464	367	822	1,123
Michigan Technological U.	149	6,820	746	2,152	311	166	455	37	389	180	2,257	127
Jackson State U.	150	6,726	317	0	138	11	5,483	118	46	0	368	245
Boston C.	151	6,635	159	435	383	908	1,905	1,002	529	0	0	1,314

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U. Alabama, Birmingham	152	6,607	1,166	0	2,017	362	2,090	0	0	0	263	709
SUNY, Binghamton U.	153	6,535	1,186	187	161	85	2,401	0	193	0	1,995	327
Missouri U. of Science and Technology	154	6,504	613	0	26	250	1,469	0	44	0	4,102	0
U. Massachusetts, Lowell	155	6,447	1,106	714	89	60	337	784	10	0	3,032	315
Stevens Institute of Technology	156	6,391	1,716	0	10	42	676	0	0	0	3,575	372
Indiana U.-Purdue U., Indianapolis	157	6,271	2,214	413	524	334	505	68	472	274	1,241	226
Howard U.	158	6,166	616	0	815	0	198	349	136	0	4,052	0
William & Mary	159	6,095	1,024	2,255	733	88	1,363	178	37	0	0	417
U. California, Merced	160	6,067	302	1,531	481	639	954	0	11	171	1,740	238
Georgetown U.	161	6,029	1,810	0	1,169	180	1,420	253	915	0	0	282
U. Puerto Rico, Mayaguez	162	5,980	0	88	323	87	399	0	6	0	5,077	0
U. of the Virgin Islands	163	5,892	90	4,196	0	439	975	0	192	0	0	0
U. North Texas, Denton	164	5,805	1,141	140	950	121	1,328	0	246	0	1,558	321
Brandeis U.	165	5,621	520	0	415	509	3,574	134	15	0	253	201
Tuskegee U.	166	5,608	415	0	0	1,146	169	0	0	0	3,878	0
South Dakota School of Mines and Technology	167	5,514	33	0	0	129	287	0	0	0	5,065	0
Illinois Institute of Technology	168	5,506	1,908	123	60	312	456	0	13	4	2,630	0
Southern Methodist U.	169	5,167	105	305	0	675	1,680	0	38	0	868	1,496
Old Dominion U.	170	5,120	430	1,003	1,025	187	599	114	17	0	1,224	521
Tulane U.	171	5,047	330	953	159	305	1,715	0	116	0	1,378	91
Rutgers, State U. New Jersey, Newark	172	5,041	209	843	1,659	0	1,325	120	108	0	0	777
U. Nevada, Las Vegas	173	4,880	398	595	1,146	48	609	0	51	0	1,576	457
Cold Spring Harbor Laboratory	174	4,826	0	0	4,826	0	0	0	0	0	0	0
U. Louisiana, Lafayette	175	4,776	1,923	745	596	163	97	0	0	57	786	409
U. Massachusetts, Boston	176	4,775	412	155	490	0	1,997	183	900	0	237	401
U. Southern Mississippi	177	4,732	5	901	968	0	2,748	0	46	0	49	15
U. Memphis	178	4,496	2,537	19	179	240	719	0	0	0	511	291
Florida A&M U.	179	4,413	14	896	1,286	0	62	189	0	0	1,779	187
St. Edward's U.	180	4,309	500	259	1,000	600	450	0	0	0	0	1,500
San Francisco State U.	181	4,297	537	826	1,383	256	299	0	251	370	105	270
U. South Alabama	182	4,207	1,128	858	716	116	35	0	68	0	708	578

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 2021

(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
Kent State U.	183	4,203	372	79	543	212	1,735	161	121	0	272	708
Florida Atlantic U.	184	4,111	1,045	75	947	200	178	16	0	0	1,378	272
U. Akron	185	4,107	32	116	209	117	2,172	10	6	0	1,404	41
Marquette U.	186	4,056	489	0	505	335	1,532	0	0	0	929	266
U. Colorado Denver ^d	187	4,029	134	119	503	833	748	0	130	0	971	591
Texas State U.	188	4,006	586	105	419	830	974	0	103	30	285	674
California State U., Northridge	189	3,948	358	344	1,170	582	1,248	54	0	0	92	100
U. Mississippi	190	3,939	119	155	785	201	1,875	0	1	0	692	111
East Carolina U.	191	3,758	301	264	647	0	693	67	470	0	744	572
Western Michigan U. and Homer Stryker M.D. School of Medicine	192	3,750	150	38	310	9	561	0	4	33	419	2,226
U. Guam	193	3,650	0	3,193	0	81	0	0	0	0	0	376
U. South Dakota	194	3,574	86	0	1,322	0	1,464	0	12	0	690	0
California State U., East Bay	195	3,564	0	20	131	28	645	0	0	0	0	2,740
Villanova U.	196	3,411	71	139	509	20	736	273	0	0	1,043	620
Scripps Research Institute	197	3,365	0	0	3,365	0	0	0	0	0	0	0
Teachers C., Columbia U.	198	3,352	1,425	0	35	0	0	0	1,892	0	0	0
California Polytechnic State U., San Luis Obispo	199	3,293	221	189	397	1,213	560	0	0	0	513	200
Tennessee State U.	200	3,267	317	0	1,082	0	41	257	503	0	926	141
Delaware State U.	201	3,244	5	4	2,473	0	561	3	0	0	198	0
Hampton U.	202	3,235	994	985	319	0	358	0	0	0	573	6
Rowan U.	203	3,215	253	33	93	100	1,196	0	58	126	1,356	0
Morgan State U.	204	3,149	338	64	303	129	25	0	93	0	1,588	609
U. Maryland Center for Environmental Science	205	3,142	0	1,386	993	0	61	0	33	0	0	669
U. Colorado Anschutz Medical Campus ^d	206	3,108	0	0	2,665	0	44	0	0	0	306	93
Idaho State U.	207	3,047	404	760	1,026	0	538	170	0	0	95	54
U. of the District of Columbia	208	3,030	242	0	63	447	0	0	0	0	1,268	1,010
Louisiana Tech U.	209	2,968	0	0	134	265	346	127	0	0	2,026	70
U. Alaska, Anchorage	210	2,959	20	371	1,560	0	442	0	243	15	188	120
Clarkson U.	211	2,948	500	47	90	149	337	0	0	0	1,706	119

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 2021

(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, Advanced Science Research Center	212	2,931	0	720	580	0	568	0	0	0	1,063	0
U. Tulsa	213	2,898	1,329	89	214	0	64	0	56	0	1,135	11
Ohio U.	214	2,838	0	146	329	25	1,207	87	210	0	803	31
California State U., San Bernardino	215	2,809	169	51	0	102	1,630	317	0	0	0	540
Saint Louis U.	216	2,799	433	144	1,423	8	276	0	160	0	328	27
Fisk U.	217	2,770	385	0	1,284	407	680	0	0	0	0	14
Southern U. and A&M C., Baton Rouge	218	2,743	183	0	171	50	154	0	0	0	1,872	313
Northern Illinois U.	219	2,741	99	673	504	31	1,153	96	23	0	118	44
U. North Dakota	220	2,725	107	452	882	0	532	0	13	4	379	356
Tennessee Technological U.	221	2,722	1,423	0	22	0	509	0	0	0	768	0
U. North Carolina, Greensboro	222	2,717	268	0	319	182	335	0	137	0	0	1,476
U. Denver	223	2,704	22	30	530	37	858	347	208	0	357	315
North Carolina Central U.	224	2,691	0	164	0	0	2,036	0	0	0	264	227
Miami U.	225	2,687	0	468	654	196	913	0	253	0	91	112
U. Tennessee, Chattanooga	226	2,686	646	0	549	36	0	0	8	17	1,339	91
Bowling Green State U.	227	2,676	22	762	183	82	737	0	0	0	35	855
U. Texas Rio Grande Valley	228	2,650	22	92	62	345	604	0	0	0	1,096	429
U. Toledo	229	2,637	0	264	165	0	473	39	0	0	1,610	86
Embry-Riddle Aeronautical U.	230	2,626	583	0	0	62	698	0	39	0	849	395
Wake Forest U.	231	2,607	99	0	1,448	23	783	34	24	0	148	48
Western Washington U.	232	2,598	22	584	130	227	930	42	52	173	230	208
U. Minnesota, Duluth	233	2,594	136	181	1,644	134	317	0	107	0	44	31
Baylor U.	234	2,560	51	159	645	384	893	0	0	36	388	4
Oakland U.	235	2,522	403	0	429	55	684	193	0	0	758	0
U. Nebraska, Omaha	236	2,517	1,395	16	199	304	47	93	0	0	0	463
Montclair State U.	237	2,511	107	281	265	317	159	70	62	0	0	1,250
Morehouse C.	238	2,426	385	0	90	882	627	59	0	383	0	0
CUNY, Queens C.	239	2,421	253	168	216	221	843	1	112	0	0	607
Loyola U., Chicago	240	2,349	71	0	862	67	521	418	233	0	0	177
California State U., San Marcos	241	2,311	543	0	121	0	501	504	0	613	0	29
SUNY, Polytechnic Institute	241	2,311	0	0	46	0	0	0	0	0	2,265	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 2021

(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	243	2,278	292	0	664	20	1,015	19	0	23	116	129
American U.	244	2,220	65	394	61	195	136	0	710	0	0	659
U. North Carolina, Wilmington	245	2,194	41	732	963	20	332	0	19	0	87	0
Baylor C. of Medicine	246	2,184	0	0	2,184	0	0	0	0	0	0	0
South Dakota State U.	247	2,142	0	0	1,095	103	380	0	347	0	178	39
Clark Atlanta U.	248	2,129	98	0	669	255	1,049	0	0	0	11	47
Illinois State U.	249	2,109	76	347	536	119	923	0	0	0	0	108
Florida Institute of Technology	250	2,107	129	783	204	132	459	0	0	0	400	0
U. Massachusetts, Dartmouth	251	2,100	60	534	38	290	3	0	16	0	626	533
California State U., Fresno	252	2,075	140	366	147	431	428	0	0	0	285	278
Southern Illinois U., Carbondale	253	2,039	0	704	173	5	569	83	0	7	498	0
CUNY, Graduate Center	254	2,020	22	0	92	332	391	370	559	131	0	123
California State U., Fullerton	255	1,985	0	48	414	107	1,049	0	25	0	333	9
DePaul U.	256	1,980	1,369	235	142	0	117	116	0	0	0	1
California State U., Los Angeles	257	1,968	182	0	211	26	890	0	220	0	279	160
U. Washington, Bothell	258	1,938	63	182	211	0	681	0	0	0	2	799
Prairie View A&M U.	259	1,935	105	0	61	81	73	0	0	0	1,454	161
Texas A&M U.-Corpus Christi	260	1,861	258	774	443	0	46	0	88	0	108	144
U. Colorado Colorado Springs	261	1,837	1,045	49	68	0	74	125	17	0	198	261
Middle Tennessee State U.	262	1,833	274	0	122	316	1,049	72	0	0	0	0
Barnard C.	263	1,827	63	152	184	0	934	348	41	0	0	105
Wellesley C.	264	1,792	339	60	751	262	155	31	194	0	0	0
U. Hawaii, Hilo	265	1,731	91	0	814	753	39	0	34	0	0	0
Occidental C.	266	1,708	280	148	279	97	352	352	136	0	0	64
San Jose State U.	267	1,698	0	621	8	167	432	85	19	0	366	0
Wichita State U.	267	1,698	0	255	381	139	186	0	0	0	728	9
U. Missouri, Kansas City	269	1,696	408	93	16	0	487	0	0	0	665	27
Toyota Technological Institute, Chicago	270	1,647	1,647	0	0	0	0	0	0	0	0	0
Winston-Salem State U.	271	1,645	251	0	189	0	652	356	197	0	0	0
Texas A&M U.-Kingsville	272	1,633	0	0	0	0	0	0	0	0	1,633	0
South Carolina State U.	273	1,630	108	0	0	0	650	0	0	0	303	569

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 2021

(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
Norfolk State U.	274	1,613	3	0	88	29	449	0	58	0	986	0
CUNY, Lehman C.	275	1,574	0	0	0	328	320	0	152	0	0	774
Clark U.	276	1,572	17	206	482	0	635	0	232	0	0	0
California State U., Long Beach	277	1,561	9	191	54	277	507	305	38	0	33	147
Desert Research Institute	278	1,557	0	1,557	0	0	0	0	0	0	0	0
Pace U.	279	1,497	430	0	53	0	0	0	0	0	0	1,014
Hope C.	280	1,459	0	0	270	0	1,042	0	0	0	147	0
Wesleyan U.	281	1,455	0	17	43	215	456	438	11	0	0	275
California State U., Sacramento	282	1,437	208	24	7	34	125	54	7	15	147	816
Spelman C.	283	1,431	13	0	575	96	425	269	53	0	0	0
Smith C.	284	1,415	221	5	391	94	265	0	0	0	439	0
Texas Southern U.	284	1,415	106	79	0	167	1,036	0	0	0	27	0
James Madison U.	286	1,400	26	45	417	15	856	0	0	0	39	2
Arkansas State U., Jonesboro	287	1,395	9	0	772	0	347	0	0	267	0	0
U. San Diego	288	1,393	0	100	19	31	392	0	0	0	518	333
CUNY, Hunter C.	289	1,386	99	7	96	22	460	23	383	0	0	296
U. Texas Southwestern Medical Center	290	1,384	0	0	1,384	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	291	1,380	0	1,380	0	0	0	0	0	0	0	0
Harvey Mudd C.	292	1,349	512	0	316	33	163	0	0	69	256	0
Middlebury C.	293	1,340	85	364	539	0	271	0	81	0	0	0
Alabama State U.	294	1,322	0	0	1,322	0	0	0	0	0	0	0
Rockefeller U.	295	1,318	0	0	1,096	41	181	0	0	0	0	0
Bates C.	296	1,303	19	26	992	0	196	43	27	0	0	0
U. Virginia's C. Wise	297	1,297	1,174	0	105	0	18	0	0	0	0	0
Icahn School of Medicine at Mount Sinai	298	1,293	0	0	1,293	0	0	0	0	0	0	0
Virginia State U.	299	1,261	0	0	38	217	0	95	0	0	56	855
Central Michigan U.	300	1,252	0	278	732	1	21	14	111	0	95	0
C. Charleston	301	1,249	169	468	281	0	331	0	0	0	0	0
California State U., Chico	302	1,246	0	414	0	0	162	0	0	0	505	165
Southern Illinois U., Edwardsville	303	1,238	11	144	36	33	176	0	56	0	7	775
Murray State U.	304	1,220	0	0	808	306	26	0	0	0	0	80

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 2021

(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, Medical Sciences Campus	305	1,216	0	0	1,216	0	0	0	0	0	0	0
Reed C.	306	1,215	65	0	823	125	137	63	2	0	0	0
Fort Lewis C.	307	1,203	0	0	0	4	761	0	0	0	438	0
U. of St. Thomas (MN)	308	1,202	323	222	113	28	60	0	0	0	456	0
Sonoma State U.	309	1,194	0	481	211	226	209	53	0	14	0	0
U. Missouri, Saint Louis	310	1,193	0	0	278	211	356	0	126	0	0	222
U. Michigan, Dearborn	311	1,186	0	0	52	81	0	0	0	0	1,053	0
Chapman U.	312	1,176	0	30	356	0	190	0	22	0	8	570
CUNY, C. Staten Island	313	1,168	2	0	125	301	333	172	0	0	235	0
Kennesaw State U.	314	1,163	35	0	141	57	375	0	292	0	47	216
Elizabeth City State U.	315	1,152	466	0	637	0	0	0	0	0	0	49
Oregon Health and Science U.	316	1,150	0	0	671	0	0	0	0	0	479	0
Catholic U. of America	317	1,149	0	0	41	53	387	198	0	0	470	0
Carleton C.	318	1,142	40	759	115	17	211	0	0	0	0	0
Fayetteville State U.	319	1,138	30	0	0	0	147	0	0	0	145	816
U. Massachusetts, Medical School	320	1,118	0	0	1,118	0	0	0	0	0	0	0
Georgia Southern U.	321	1,105	38	116	126	30	555	0	0	8	157	75
Cleveland State U.	322	1,096	0	0	0	126	0	96	0	0	484	390
California State U., Monterey Bay	323	1,091	721	233	68	12	57	0	0	0	0	0
Hofstra U.	324	1,086	0	36	267	0	0	0	0	0	478	305
CUNY, Brooklyn C.	325	1,082	290	4	196	65	357	37	1	0	0	132
Colgate U.	326	1,063	65	403	309	65	196	0	25	0	0	0
West Texas A&M U.	327	1,048	161	562	0	0	169	0	0	0	156	0
Skidmore C.	328	1,044	0	141	330	0	557	16	0	0	0	0
Central Washington U.	329	1,041	0	543	122	149	182	0	0	0	45	0
Bucknell U.	330	1,026	82	0	280	76	267	0	0	0	321	0
Seattle U.	331	1,023	0	54	25	25	79	0	0	0	0	840
California State U., Stanislaus	332	1,009	186	0	417	253	0	118	35	0	0	0
Pennsylvania State U., Behrend	333	1,005	77	42	0	166	126	12	37	0	294	251
Amherst C.	334	999	35	6	211	162	476	109	0	0	0	0
Appalachian State U.	335	993	301	144	265	0	167	38	78	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 2021

(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. Arkansas, Little Rock	336	980	595	0	128	0	257	0	0	0	0	0
New Mexico Highlands U.	337	976 i	141 i	198 i	69 i	0 i	568 i	0 i	0 i	0 i	0 i	0 i
U. New Orleans	338	972	0	9	144	20	652	0	37	0	110	0
Rutgers, State U. New Jersey, Camden	339	961	903	0	0	0	0	0	58	0	0	0
Union C., Schenectady	340	952	57	198	4	0	102	0	0	0	591	0
U. North Florida	341	947	166	0	159	0	264	0	12	0	25	321
CUNY, Baruch C.	342	925	23	8	495	203	0	168	19	0	0	9
Florida Gulf Coast U.	343	924	13	732	62	0	106	3	5	0	0	3
California State U., Bakersfield	344	918	0	29	0	677	159	0	0	0	53	0
Williams C.	345	915 i	62 i	100 i	249 i	236 i	212 i	0 i	56 i	0 i	0 i	0 i
Dakota State U.	346	912	752	32	80	0	48	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	347	910	0	409	211	0	68	0	6	0	216	0
Sam Houston State U.	348	900	0	85	181	404	230	0	0	0	0	0
Naval Postgraduate School	349	881	152	563	0	22	5	0	0	0	139	0
California State U., Dominguez Hills	350	874	496	0	61	16	0	21	62	0	0	218
Xavier U. Louisiana	351	841	73	0	226	0	484	0	0	0	26	32
U. Dayton	352	838	49	11	205	0	181	0	0	0	356	36
Mount Holyoke C.	353	836	150	0	119	57	421	69	20	0	0	0
Towson U.	353	836	189	81	222	94	250	0	0	0	0	0
Marshall U.	355	833	35	38	627	0	29	0	0	0	104	0
U. Nebraska, Medical Center	356	830	0	0	830	0	0	0	0	0	0	0
California State U., Channel Islands	357	828	0	0	0	248	73	0	0	388	79	40
U. Nebraska, central administration	358	823	0	0	823	0	0	0	0	0	0	0
Bowdoin C.	359	822	74	19	529	5	125	0	1	0	0	69
CUNY, New York City C. of Technology	360	814	156	0	113	0	195	0	5	0	32	313
Northwest Indian C.	361	813 i	1 i	443 i	92 i	0 i	0 i	0 i	0 i	0 i	0 i	277 i
Northeastern Illinois U.	362	802	46	68	0	71	34	0	40	0	0	543
U. Texas Medical Branch	363	792	0	0	792	0	0	0	0	0	0	0
Santa Clara U.	364	791	0	0	51	15	246	0	63	0	286	130
Purdue U., Northwest	365	784	146	0	13	0	102	0	0	40	483	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 2021

(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
Citadel Military C. South Carolina	366	780	254	0	0	0	0	0	0	0	71	455
U. Texas Health Science Center, Houston	367	773	0	0	773	0	0	0	0	0	0	0
Willamette U.	368	770	0	0	277	0	83	0	0	0	0	410
CUNY, system office	369	768	0	0	37	0	0	0	0	0	731	0
U. Northern Colorado	369	768	0	117	197	18	53	50	333	0	0	0
Doane U.	371	754	i 189	i 0	i 276	i 0	i 67	i 0	i 0	i 0	i 0	i 222
Fordham U.	372	748	0	0	359	70	168	73	0	0	0	78
Texas A&M U.-Commerce	373	747	0	0	0	0	691	0	0	0	0	56
U. Hawaii, Maui C.	374	736	432	0	194	0	0	0	0	0	0	110
C. New Jersey	375	722	175	0	227	10	310	0	0	0	0	0
New School	376	720	0	143	27	0	0	144	42	0	364	0
Alabama A&M U.	377	711	i 99	i 0	i 117	i 29	i 147	i 11	i 21	i 0	i 239	i 48
U. New Haven	378	706	633	73	0	0	0	0	0	0	0	0
Pacific U.	379	697	0	0	76	3	223	0	4	0	0	391
Johnson C. Smith U.	380	688	i 0	i 0	i 0	i 0	i 318	i 0	i 0	i 0	i 370	i 0
U. Texas M. D. Anderson Cancer Center	381	669	0	0	591	26	52	0	0	0	0	0
Wright State U.	382	663	0	60	138	0	203	6	0	0	256	0
Furman U.	383	662	0	0	9	0	496	157	0	0	0	0
Eastern Michigan U.	384	656	0	42	348	78	37	0	9	0	0	142
U. Washington, Tacoma	385	655	164	111	9	25	0	0	44	0	0	302
Black Hills State U.	386	654	295	0	234	0	94	0	0	0	0	31
Fielding Graduate U.	387	640	0	0	0	0	0	0	640	0	0	0
Tougaloo C.	387	640	i 0	i 0	i 311	i 0	i 329	i 0	i 0	i 0	i 0	i 0
U. Richmond	389	631	0	0	293	0	202	99	37	0	0	0
Bryn Mawr C.	390	619	134	0	136	121	228	0	0	0	0	0
U. West Florida	391	618	305	0	69	0	14	0	0	0	0	230
Western Kentucky U.	392	614	0	82	105	4	328	8	0	0	74	13
New York Institute of Technology	393	609	183	0	17	0	3	0	0	0	391	15
Alfred U.	394	603	0	0	0	0	0	0	0	0	603	0
Vassar C.	394	603	142	0	60	301	58	8	34	0	0	0
Bowie State U.	396	601	115	0	72	0	387	0	0	0	0	27

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 2021

(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
Saint Joseph's U.	396	601	0	0	246	0	0	2	0	0	0	353
U. Puerto Rico, Humacao	398	600	0	17	0	0	583	0	0	0	0	0
Swarthmore C.	399	595	0	0	252	67	176	0	42	21	0	37
U. Wisconsin-Eau Claire	400	592	0	5	42	49	496	0	0	0	0	0
Colby C.	401	585	78	144	102	0	134	0	0	0	0	127
Franklin and Marshall C.	402	574	0	0	261	0	304	9	0	0	0	0
Creighton U.	403	563	i 130	i 0	i 86	i 36	i 221	i 14	i 27	i 0	i 0	i 49
U. Northern Iowa	404	559	0	0	0	0	15	0	544	0	0	0
Pomona C.	405	558	118	40	160	73	163	4	0	0	0	0
California State U., Maritime Academy	406	548	0	0	0	0	0	0	0	0	450	98
Christopher Newport U.	407	533	0	0	0	172	351	0	0	0	0	10
Lewis and Clark C.	407	533	0	152	215	56	110	0	0	0	0	0
Salisbury U.	409	524	100	37	88	0	0	0	0	0	0	299
SUNY, Geneseo	410	516	0	84	0	0	421	0	11	0	0	0
Duquesne U.	411	511	0	0	77	40	343	0	0	0	0	51
Texas Woman's U.	411	511	11	0	494	0	6	0	0	0	0	0
Haverford C.	413	506	16	79	0	12	365	34	0	0	0	0
Central State U.	414	504	0	0	105	69	67	0	0	164	99	0
U. North Carolina, Asheville	415	502	96	70	0	0	35	0	0	0	0	301
Medical C. Wisconsin	416	485	0	0	312	0	0	0	0	0	173	0
Louisiana State U., Health Sciences Center, New Orleans	417	481	0	0	481	0	0	0	0	0	0	0
Franklin W. Olin C. of Engineering	418	479	0	0	0	0	0	0	0	0	479	0
Davidson C.	419	472	0	0	211	6	158	17	80	0	0	0
East Tennessee State U.	420	471	0	0	367	37	67	0	0	0	0	0
Providence C.	421	470	0	144	242	0	67	0	0	0	17	0
Roger Williams U.	422	469	0	66	226	0	0	0	0	0	0	177
U. Alaska, Southeast	423	467	0	27	381	0	0	0	0	59	0	0
Morehouse School of Medicine	424	463	0	0	463	0	0	0	0	0	0	0
St. John's U., New York	425	453	59	0	194	0	198	2	0	0	0	0
Macalester C.	426	445	0	172	10	58	205	0	0	0	0	0
Fort Valley State U.	427	431	0	18	337	0	76	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 2021

(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 Tech U., Health Sciences Center	428	429	0	0	410	0	0	0	0	0	0	19
Trinity C., Hartford	429	421	0	0	287	54	80	0	0	0	0	0
U.S. Naval Academy	430	420	64	34	0	24	217	0	0	0	81	0
Montana Technological U.	431	416	0	141	0	0	38	0	0	0	237	0
Pepperdine U.	431	416	0	0	111	0	0	0	0	0	0	305
U. Central Oklahoma	431	416 i	139 i	0 i	129 i	98 i	4 i	0 i	0 i	46 i	0 i	0 i
Texas Christian U.	434	412	86	0	0	0	121	45	28	0	0	132
U. Wisconsin-La Crosse	435	410	31	0	0	70	309	0	0	0	0	0
Missouri State U.	436	405	0	105	141	0	77	28	54	0	0	0
Winthrop U.	437	395	30	0	7	0	221	0	0	1	0	136
Gallaudet U.	438	392	134	0	0	0	89	152	7	0	0	10
Dordt U.	439	389	69	0	207	84	0	0	0	0	29	0
Ball State U.	440	388	22	0	20	16	242	80	8	0	0	0
Grambling State U.	441	386	0	0	0	0	386	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	442	385	10	0	48	12	45	80	30	45	0	115
Milwaukee School of Engineering	442	385	47	0	0	0	0	0	0	0	338	0
Calvin U.	444	381 i	11 i	0 i	155 i	0 i	194 i	0 i	0 i	0 i	21 i	0 i
Grand Valley State U.	445	378	0	24	238	18	61	29	0	0	0	8
Humboldt State U.	445	378	27	266	78	0	7	0	0	0	0	0
Oberlin C.	447	373	30	25	89	39	190	0	0	0	0	0
Trinity U.	447	373	0	14	0	37	322	0	0	0	0	0
Augustana U.	449	362	0	0	134	0	228	0	0	0	0	0
Colorado C.	450	361	0	96	97	0	0	0	0	0	0	168
Medical U. South Carolina	451	351	0	0	351	0	0	0	0	0	0	0
U. New England	451	351	0	113	238	0	0	0	0	0	0	0
Claremont McKenna C.	453	349	0	0	159	103	56	31	0	0	0	0
Grinnell C.	454	344	77	0	17	63	124	0	28	0	0	35
Lamar U.	455	338	33	0	17	83	49	0	0	0	142	14
U. Texas Health Science Center, San Antonio	456	337	0	0	337	0	0	0	0	0	0	0
Indiana U., South Bend	457	336	0	0	0	0	256	0	5	0	0	75

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 2021

(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. Arkansas for Medical Sciences	457	336	0	0	336	0	0	0	0	0	0	0
William Paterson U.	459	333	0	309	24	0	0	0	0	0	0	0
Minnesota State U., Mankato	460	331	0	6	206	0	0	0	0	0	119	0
SUNY, Buffalo State	461	320	0	208	0	112	0	0	0	0	0	0
CUNY, York C.	462	319	0	319	0	0	0	0	0	0	0	0
Youngstown State U.	463	317	28	0	0	0	268	0	0	0	21	0
Western Carolina U.	464	307	0	47	185	3	0	0	0	0	72	0
St. Cloud State U.	465	304	0	0	0	0	0	0	0	0	0	304
Long Island U.	466	297	5	150	8	0	123	0	0	0	0	11
Eastern Kentucky U.	467	293	0	0	122	0	115	0	0	0	56	0
Lincoln U., Jefferson City	468	291	6	23	172	90	0	0	0	0	0	0
U. Oklahoma, Tulsa	469	290	0	0	0	0	0	0	0	0	290	0
Clafin U.	470	288	32	26	1	0	57	0	107	0	65	0
Northland C.	470	288	0	45	173	31	0	15	7	0	0	17
Lafayette C.	472	286	0	0	0	13	180	0	0	0	84	9
U. of the Incarnate Word	473	285	0	0	5	42	238	0	0	0	0	0
U. Central Arkansas	474	281	15	0	7	16	227	0	0	0	0	16
Savannah State U.	475	276	0	186	3	0	34	0	0	31	22	0
Mills C.	476	275	0	0	0	0	0	0	0	0	0	275
West Chester U. Pennsylvania	477	274	0	0	98	0	111	0	0	0	0	65
Colorado State U., Pueblo	478	270	190	0	18	19	0	0	0	0	43	0
Ithaca C.	479	266	73	20	0	74	15	0	84	0	0	0
Loyola Marymount U.	480	265	0	0	195	70	0	0	0	0	0	0
West Virginia State U.	481	263	0	0	263	0	0	0	0	0	0	0
Yeshiva U.	482	258	0	0	5	0	253	0	0	0	0	0
Albany State U.	483	254	0	0	90	0	74	0	0	0	0	90
Dillard U.	483	254	0	41	213	0	0	0	0	0	0	0
U. Houston-Downtown	485	248	41	35	0	17	88	0	0	0	0	67
U. Wisconsin-Oshkosh	485	248	0	114	12	0	5	0	0	0	73	44
Drake U.	487	245	0	0	14	27	193	0	11	0	0	0
U. Nebraska, Kearney	487	245	0	0	159	0	40	5	0	0	0	41
U. of the Pacific	489	241	0	43	61	0	131	6	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 2021

(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. Olaf C.	490	236	85	10	138	0	3	0	0	0	0	0
U. Texas, Tyler	491	231	13	0	122	2	0	0	18	0	76	0
Stephen F. Austin State U.	492	226	0	0	0	93	0	0	0	0	0	133
Kean U.	493	224	151	61	0	0	0	0	0	12	0	0
U. of Mary Washington	494	223	0	25	119	4	75	0	0	0	0	0
Florida Polytechnic U.	495	220	47	0	0	0	0	0	0	0	138	35
Southern Connecticut State U.	495	220	0	0	0	0	200	2	0	9	0	9
Keene State C.	497	218	0	0	104	0	0	0	0	0	114	0
Coastal Carolina U.	498	216	21	120	75	0	0	0	0	0	0	0
Northern Michigan U.	499	211	37	89	68	0	0	0	17	0	0	0
Kentucky State U.	500	210	15	2	0	193	0	0	0	0	0	0
Indiana U. Pennsylvania	501	209	0	32	43	0	84	50	0	0	0	0
Purdue U., Fort Wayne	502	207	0	0	0	5	82	0	0	0	120	0
Texas A&M International U.	503	206	0	0	0	0	0	0	0	206	0	0
Sacred Heart U.	504	201	7	0	0	0	64	0	0	24	0	106
U. Ana G. Mendez, Gurabo	504	201	0	0	172	0	29	0	0	0	0	0
Hamilton C.	506	199	0	0	86	0	8	0	105	0	0	0
Northern Kentucky U.	507	195	3	0	0	59	123	0	10	0	0	0
Pratt Institute	508	194	0	0	0	0	0	0	0	0	0	194
Augusta U.	509	180	48	0	88	44	0	0	0	0	0	0
Manhattan C.	510	176	0	0	0	108	0	0	0	0	68	0
Marymount U.	511	174	174	0	0	0	0	0	0	0	0	0
Canisius C.	512	173	0	0	0	0	173	0	0	0	0	0
Hobart and William Smith Colleges	513	165	0	19	37	5	104	0	0	0	0	0
Lipscomb U.	514	161	0	0	0	0	0	0	0	0	142	19
U. Arkansas, Pine Bluff	515	160	0	0	0	0	160	0	0	0	0	0
Claremont Graduate U.	516	148	0	0	0	27	0	52	38	0	0	31
CUNY, Graduate School of Public Health and Health Policy	517	147	0	0	147	0	0	0	0	0	0	0
C. Wooster	518	146	0	22	3	58	63	0	0	0	0	0
U. Wisconsin-River Falls	518	146	86	0	0	0	60	0	0	0	0	0
U. Baltimore	520	144	16	0	0	0	0	0	128	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 2021

(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	
Austin Peay State U.	550	86	0	0	86	0	0	0	0	0	0	0	
SUNY, Upstate Medical U.	553	83	0	0	83	0	0	0	0	0	0	0	
Andrews U.	554	82	0	32	0	0	0	0	0	0	50	0	
Connecticut C.	555	79	0	0	79	0	0	0	0	0	0	0	
Central Connecticut State U.	556	76	0	0	0	0	21	0	0	0	0	55	
Elon U.	557	75	0	0	23	11	0	28	0	0	13	0	
Wheaton C., Wheaton	557	75	0	56	0	0	19	0	0	0	0	0	
Abilene Christian U.	559	74	0	0	0	0	74	0	0	0	0	0	
Albion C.	559	74	i	0	i	0	i	0	i	0	i	0	i
Biola U.	561	72	i	9	i	0	i	6	i	3	i	15	i
U. Massachusetts, central office	562	70	0	0	0	0	0	0	0	0	0	70	
Northeast Ohio Medical U.	563	69	0	0	54	0	0	0	15	0	0	0	
U. Detroit Mercy	564	68	0	0	39	0	0	0	0	0	29	0	
U. Wisconsin-Platteville	564	68	i	12	i	0	i	11	i	5	i	15	i
Rush U.	566	64	0	0	64	0	0	0	0	0	0	0	
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	567	57	0	0	57	0	0	0	0	0	0	0	
Pittsburg State U.	568	56	0	0	56	0	0	0	0	0	0	0	
U.S. Military Academy	568	56	56	0	0	0	0	0	0	0	0	0	
Mercyhurst U.	570	52	i	11	i	7	i	7	i	3	i	18	i
Rhode Island School of Design	571	49	i	0	i	0	i	0	i	0	i	13	i
Erikson Institute	572	42	0	0	0	0	0	0	0	0	0	42	
Langston U.	572	42	0	0	0	0	26	0	0	0	0	16	
U. North Texas, Health Science Center	572	42	0	0	42	0	0	0	0	0	0	0	
U. Southern Maine	575	41	0	7	2	11	0	0	21	0	0	0	
Keck Graduate Institute	576	40	i	0	i	0	i	12	i	0	i	0	i
SUNY, Downstate Health Sciences U.	577	38	0	0	38	0	0	0	0	0	0	0	
Jacksonville State U.	578	37	0	0	31	0	0	0	0	0	6	0	
Oregon Institute of Technology	578	37	i	11	i	1	i	13	i	5	i	0	i
Troy U.	578	37	0	0	37	0	0	0	0	0	0	0	
U. Louisiana, Monroe	578	37	0	35	2	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 2021

(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
Western Illinois U.	582	35	0	0	19	0	16	0	0	0	0	0
U. Wisconsin-Stevens Point	583	33	0	0	20	0	13	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	584	32	0	0	0	0	0	0	0	0	32	0
Monmouth U.	585	27	0	0	0	0	15	12	0	0	0	0
Pennsylvania State U., Harrisburg	586	21	1	0	18	2	0	0	0	0	0	0
Touro U.	586	21	0	0	21	0	0	0	0	0	0	0
C. of Saint Benedict	588	20	2	0	6	2	7	1	1	0	0	1
U. Texas of the Permian Basin	589	18	0	0	0	0	0	18	0	0	0	0
Kettering U.	590	17	0	0	0	0	14	0	0	0	3	0
Azusa Pacific U.	591	15	9	0	0	0	0	0	0	0	0	6
U. Illinois, Springfield	591	15	0	0	0	0	0	0	0	0	0	15
Nova Southeastern U.	593	12	0	12	0	0	0	0	0	0	0	0
Thomas Jefferson U.	593	12	0	0	12	0	0	0	0	0	0	0
Edward Via C. of Osteopathic Medicine	595	11	0	0	11	0	0	0	0	0	0	0
Framingham State U.	595	11	0	0	0	0	0	11	0	0	0	0
U. Puerto Rico, Cayey	595	11	0	0	11	0	0	0	0	0	0	0
U. Wisconsin-Superior	595	11	0	11	0	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	599	9	0	0	9	0	0	0	0	0	0	0
Marshall B. Ketchum U.	600	7	0	0	7	0	0	0	0	0	0	0
Meharry Medical C.	600	7	0	0	7	0	0	0	0	0	0	0
U. California, Office of the President	602	5	0	0	1	0	0	0	0	4	0	0
Des Moines U.	603	1	0	1	0	0	0	0	0	0	0	0
Stockton U.	603	1	0	1	0	0	0	0	0	0	0	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 \$2,484 thousand in R&D expenditures financed by NSF in FY 2021.

^c 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.

^d 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 2021 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 2021.