

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
All institutions	-	1,238,035	1,355,932	1,490,752	97,962	42,707	783,518	68,956	32,391	181,943	21,188	262,087
U. Washington, Seattle	1	37,000	46,225	49,224	0	4,873	26,232	3,428	101	10,326	1,409	2,855
Ohio State U.	2	33,733	35,971	42,579	71	147	15,899	914	12	5,346	520	19,670
U. Kansas	3	33,020	30,542	35,791	276	1,092	20,894	984	0	11,867	137	541
U. North Carolina, Chapel Hill	4	20,294	20,850	30,311	976	279	9,132	264	12	11,580	2,255	5,813
U. Texas, Austin	5	21,951	24,298	29,763	669	1,494	14,865	626	0	8,519	150	3,440
Columbia U. in the City of New York	6	18,374	27,114	28,963	379	0	4,458	298	526	22,908	0	394
U. Virginia, Charlottesville	7	17,919	14,801	25,882	3	12	20,573	3,285	294	0	18	1,697
Stanford U.	8	25,472	26,065	24,794	6	602	24,044	12	110	0	0	20
Florida State U.	9	21,067	22,599	24,597	67	1,427	21,672	244	0	1,041	49	97
Washington State U.	10	19,600	17,081	23,985	3,183	1,152	17,663	462	0	28	5	1,492
Virginia Commonwealth U.	11	17,485	19,474	21,941	0	5	20,525	62	0	313	27	1,009
Vanderbilt U. and Vanderbilt U. Medical Center	12	21,966	19,390	21,318	0	0	20,858	83	0	0	20	357
U. Missouri, Columbia	13	19,161	18,506	20,709	46	43	17,425	55	152	63	0	2,925
Arizona State U.	14	15,773	17,666	20,599	3,269	664	9,787	793	2	5,962	122	0
U. Louisiana, Lafayette	15	14,125	17,648	20,572	7,227	0	8,657	4,348	0	0	114	226
Texas A&M U., College Station and Health Science Center	16	16,093	15,927	20,456	591	101	18,012	429	39	0	0	1,284
Texas State U.	17	13,652	15,180	20,181	0	0	5,708	200	13,935	0	0	338
U. California, Los Angeles	18	12,811	14,850	20,027	2,418	626	15,921	139	198	0	589	136
U. Wisconsin-Madison	19	14,656	15,444	19,870	58	541	16,569	1,072	0	0	0	1,630
U. Pennsylvania	20	15,517	16,017	19,812	811	5,851	5,119	1,534	630	0	197	5,670
U. Maryland ^a	21	20,102	19,989	19,789	926	205	4,732	1,308	242	8,521	16	3,839
Washington U., Saint Louis	22	14,855	17,410	19,218	0	0	0	0	16	19,180	0	22
U. South Florida ^b	23	16,872	24,086	19,061	274	381	17,397	97	0	115	33	764
U. Southern California	24	12,592	15,153	18,166	900	608	2,785	47	591	6,550	1,973	4,712
U. Florida	25	21,625	18,722	17,766	2,235	710	11,803	52	48	0	528	2,390
Purdue U., West Lafayette	26	12,964	17,615	17,765	1,748	352	4,096	73	0	0	0	11,496
Pennsylvania State U., University Park and Hershey Medical Center	27	6,685	16,343	16,991	3,002	1,426	10,486	1,130	428	505	14	0
Georgia State U.	28	15,364	18,398	16,205	378	1,793	10,150	0	700	2,883	301	0
U. Colorado Boulder	29	15,393	15,435	15,952	1,535	92	13,834	183	0	57	0	251
New York U.	30	15,252	12,475	15,767	214	0	10,045	410	192	2,682	96	2,128
U. California, Irvine	31	15,767	17,136	14,611	154	0	14,402	4	28	0	23	0
U. Oregon	32	15,096	13,625	14,397	96	637	10,807	251	72	0	0	2,534

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(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
U. North Carolina, Greensboro	33	9,868	12,066	14,360	263	0	11,509	26	0	1,009	2	1,551
Georgia Institute of Technology	34	9,624	14,134	13,768	352	698	9,754	726	0	0	684	1,554
U. Illinois, Urbana-Champaign	35	11,348	12,238	13,675	748	62	3,316	182	51	1,974	164	7,178
U. Oklahoma, Norman and Health Science Center	36	4,088	12,251	13,473	788	101	11,371	5	80	202	55	871
U. California, San Diego	37	753	27,633	12,527	2	0	2,470	1,244	0	0	0	8,811
Michigan State U.	38	11,863	10,275	12,202	1,156	1,484	7,512	905	0	433	10	702
U. West Florida	39	9,681	9,624	11,381	10,397	0	949	0	0	0	0	35
U. Denver	40	10,202	9,902	10,496	122	0	2,909	126	38	7,301	0	0
Clemson U.	41	7,765	6,152	10,391	34	31	2,355	43	0	0	0	7,928
Montana State U., Bozeman	42	8,799	8,284	9,710	60	0	1,679	1	0	0	0	7,970
Virginia Polytechnic Institute and State U.	43	1,840	2,442	9,161	110	218	892	118	0	0	15	7,808
U. Michigan, Ann Arbor	44	7,501	8,958	9,046	226	0	5,505	498	6	2,353	247	211
U. California, Berkeley	45	4,886	6,331	9,024	985	729	5,946	179	1,151	0	2	32
U. Minnesota, Twin Cities	46	10,678	8,249	9,022	498	161	6,305	921	356	436	41	304
U. Utah	47	7,394	10,897	8,505	563	1,376	68	1,201	7	0	3,825	1,465
U. Massachusetts, Boston	48	12,568	8,735	8,308	0	0	7,934	72	0	0	302	0
U. Alabama, Tuscaloosa	49	5,819	7,491	8,283	725	1	4,568	30	0	2,935	0	24
Rutgers, State U. New Jersey, New Brunswick	50	7,257	6,982	8,213	1,506	410	3,331	429	0	1,681	12	844
Harvard U.	51	7,290	7,279	8,186	0	37	6,601	1,328	220	0	0	0
U. Illinois, Chicago	52	7,040	7,809	8,085	411	0	2,592	1,641	0	1,070	15	2,356
Iowa State U.	53	4,759	8,657	8,013	3,494	245	634	725	0	0	428	2,487
U. Central Florida	54	6,715	6,711	7,494	313	23	4,475	66	0	856	0	1,761
U. Chicago	55	4,713	4,177	7,350	426	0	1,068	399	0	3,377	0	2,080
Indiana U., Bloomington	56	4,318	5,735	7,113	361	161	3,033	144	0	0	0	3,414
Boston U.	57	5,785	5,758	6,951	110	0	4,445	85	34	2,277	0	0
U. Notre Dame	58	4,287	4,986	6,852	161	0	0	582	40	0	0	6,069
U. Iowa	59	4,022	5,148	6,812	497	398	2,385	2,927	30	567	0	8
Colorado State U., Fort Collins	60	10,237	7,834	6,723	200	186	3,561	2,004	502	93	177	0
California State U., East Bay	61	1,330	1,858	6,615	0	18	6,597	0	0	0	0	0
Drexel U.	62	4,611	5,319	6,305	0	0	2,023	265	0	0	68	3,949
George Mason U.	63	4,738	3,802	5,963	2,011	374	3,042	253	0	0	0	283
Oregon State U.	64	5,848	5,648	5,865	0	0	39	0	0	0	0	5,826
U. Georgia	65	4,004	3,604	5,838	184	132	2,422	115	62	1,808	0	1,115

TABLE 59
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(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
U. South Carolina, Columbia	66	6,857	5,702	5,779	470	0	1,521	377	0	643	0	2,768
Northeastern U.	67	4,521	4,780	5,771	867	232	2,578	194	843	0	470	587
William & Mary	68	4,976	5,395	5,751	256	0	4,786	258	422	0	0	29
Portland State U.	69	6,563	5,745	5,746	0	146	1,273	144	0	1,058	0	3,125
Boston C.	70	5,825	5,519	5,720	54	0	2,094	0	0	3,572	0	0
U. Houston	71	2,792	4,255	5,608	342	112	2,836	53	42	2,223	0	0
Florida A&M U.	72	3,114	5,092	5,534	390	0	1,892	0	364	0	0	2,888
Syracuse U.	73	4,323	4,846	5,487	1,487	257	287	0	2,739	197	0	520
U. Massachusetts, Amherst	74	3,624	4,203	5,446	138	91	2,393	100	18	0	16	2,690
U. California, Davis	75	3,897	4,488	5,429	99	162	3,569	298	0	0	1,301	0
North Carolina State U.	76	4,146	4,934	5,423	0	0	2,280	3,143	0	0	0	0
U. Delaware	77	4,460	5,060	5,401	414	0	3,953	3	0	0	0	1,031
Delaware State U.	78	3,478	3,999	5,342	195	0	4,733	0	0	414	0	0
Temple U.	79	8,036	7,215	5,177	1,857	14	1,852	2	264	609	37	542
Western Michigan U. and Homer Stryker M.D. School of Medicine	80	7,813	6,091	5,159	0	0	5,159	0	0	0	0	0
U. Montana, Missoula	81	3,322	3,846	4,961	0	81	1,517	4	0	3,359	0	0
Rochester Institute of Technology	82	4,013	3,484	4,953	0	0	4,220	200	0	0	454	79
Cornell U.	83	3,675	4,358	4,677	176	1,310	250	122	41	0	427	2,351
Naval War C.	84	5,220	4,748	4,600	0	0	0	0	0	0	0	4,600
Florida International U.	85	5,608	4,839	4,517	2,064	0	2,326	109	0	0	9	9
U. Pittsburgh, Pittsburgh	86	6,558	5,243	4,480	226	0	2,088	0	4	883	0	1,279
Winston-Salem State U.	87	1,264	651	4,461	208	107	569	41	0	0	0	3,536
U. North Florida	88	3,401	5,350	4,449	1,349	0	3,061	0	0	0	0	39
American U.	89	2,632	3,012	4,407	403	1,138	502	0	1,219	0	0	1,145
Wayne State U.	90	4,601	6,268	4,360	0	0	605	106	3	3,030	18	598
Naval Postgraduate School	91	3,161	5,489	4,316	1,008	63	732	0	0	0	0	2,513
North Carolina A&T State U.	92	3,168	3,920	4,297	931	0	851	0	0	132	0	2,383
California Institute of Technology	93	7,133	5,387	4,294	0	0	0	4,135	0	0	0	159
New Jersey Institute of Technology	94	3,415	5,197	4,137	212	0	2,775	84	0	0	0	1,066
Rhode Island C.	95	3,026	3,424	4,074	465	0	3,140	0	0	459	0	10
Morgan State U.	96	85	1,112	3,931	342	0	2,731	80	0	408	0	370
U. Baltimore	97	10,724	10,844	3,761	0	0	0	0	120	0	0	3,641
U. Kentucky	98	2,816	2,137	3,700	752	79	445	0	0	1,106	0	1,318

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SUNY, U. Buffalo	99	4,326	3,033	3,672	116	192	3,032	260	0	68	0	4
U. Memphis	100	2,136	4,040	3,657	11	0	1,804	0	0	137	0	1,705
Johns Hopkins U. ^c	101	2,673	2,121	3,641	0	0	0	3,594	0	0	0	47
U. Nebraska, Lincoln	102	2,505	2,974	3,618	184	0	2,035	805	0	0	40	554
Northwestern U.	103	3,696	3,100	3,608	982	889	1,470	36	231	0	0	0
U. Tennessee, Knoxville ^d	104	1,661	2,129	3,607	528	1,017	1,275	21	12	7	1	746
San Diego State U.	105	2,068	3,086	3,567	339	145	2,349	48	0	682	0	4
Northwest Indian C.	106	2,540	3,021	3,507	0	65	3,442	0	0	0	0	0
Mississippi State U.	107	1,523	2,221	3,427	20	0	3,172	10	0	0	0	225
U. Connecticut	108	4,085	2,604	3,401	181	77	1,073	26	0	1,534	510	0
Kansas State U.	109	2,936	2,849	3,312	15	5	1,343	127	0	0	0	1,822
U. Texas, San Antonio	110	1,822	1,775	3,309	41	102	1,377	34	0	795	47	913
West Virginia U.	111	2,202	4,085	3,273	134	231	1,633	35	0	22	10	1,208
Salisbury U.	112	2,209	2,855	3,265	334	0	1,980	0	0	825	0	126
Yale U.	113	2,595	6,126	3,226	1,338	0	1,172	704	0	0	0	12
Auburn U., Auburn	114	624	771	3,220	0	0	600	173	0	0	0	2,447
Massachusetts Institute of Technology	115	4,557	3,434	3,211	933	141	606	422	0	136	31	942
U. Mississippi	116	1,438	2,831	3,168	205	34	508	6	932	0	0	1,483
U. Arkansas, Fayetteville	117	2,258	2,860	3,164	0	0	2,348	1	530	0	0	285
U. Texas, Arlington	118	2,793	2,812	3,083	49	0	687	20	0	625	0	1,702
U. Rhode Island	119	1,382	1,931	3,072	811	346	273	463	0	581	0	598
U. Cincinnati	120	2,840	2,686	3,071	425	0	1,766	20	0	0	0	860
Rice U.	121	2,093	2,534	3,038	66	0	2,938	0	0	0	0	34
U. Arizona	122	3,186	2,630	3,005	384	25	1,874	12	106	0	16	588
U. Toledo	123	358	190	2,929	104	0	2,534	0	0	254	0	37
Southern Methodist U.	124	2,193	3,083	2,882	0	0	2,759	123	0	0	0	0
Illinois State U.	125	5,080	4,593	2,876	81	0	2,792	3	0	0	0	0
California State U., San Bernardino	126	2,312	2,604	2,836	0	0	2,836	0	0	0	0	0
East Carolina U.	127	3,585	3,180	2,835	106	0	2,206	427	0	59	0	37
Oklahoma State U., Stillwater	128	1,454	2,185	2,801	285	38	717	61	126	0	9	1,565
Louisiana State U., Baton Rouge	129	920	5,193	2,794	0	149	405	101	0	644	56	1,439
U. New Mexico	130	2,745	2,625	2,787	563	0	1,420	115	157	0	0	532
U. Louisville	131	4,625	5,251	2,735	0	227	438	0	154	1,914	0	2

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Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

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Lehigh U.	132	1,242	1,568	2,726	0	0	2,502	86	0	0	0	138
U. New Hampshire	133	5,819	3,744	2,681	13	40	2,255	30	0	295	0	48
U. Alabama, Birmingham	134	2,904	2,081	2,556	25	0	650	0	0	328	0	1,553
U. North Dakota	135	2,132	1,721	2,549	0	161	1,144	0	0	12	0	1,232
U. New Orleans	136	127	108	2,506	58	0	0	200	0	0	0	2,248
George Washington U.	137	3,507	2,874	2,495	640	0	753	301	52	0	0	749
Bowling Green State U.	138	1,842	2,074	2,481	0	0	1,981	7	0	0	0	493
Florida Gulf Coast U.	139	2,665	2,057	2,474	5	0	1,601	0	14	0	0	854
U. Colorado Denver ^e	140	na	2,808	2,423	377	19	1,630	77	0	0	97	223
Old Dominion U.	141	3,426	2,356	2,380	43	0	2,249	88	0	0	0	0
U. Puerto Rico, Mayaguez	142	0	390	2,300	1,029	290	451	0	0	0	101	429
CUNY, Hunter C.	143	2,387	1,891	2,202	0	0	1,728	4	0	157	0	313
U. Rochester	144	1,087	1,221	2,201	163	0	1,876	0	0	0	5	157
U. Maine	145	1,621	1,999	2,185	0	22	267	216	0	15	0	1,665
Indiana U.-Purdue U., Indianapolis	146	1,573	1,749	2,184	111	0	506	128	0	727	0	712
Brown U.	147	2,496	3,272	2,168	0	0	1,370	291	3	0	0	504
Texas Tech U.	148	1,790	1,809	2,122	953	320	549	95	0	0	58	147
U. Southern Mississippi	149	1,079	1,323	2,113	17	0	66	94	0	0	850	1,086
U. Texas, El Paso	150	1,631	1,545	2,096	0	0	1,190	25	0	879	1	1
U. Maryland, Baltimore County	151	1,213	1,565	2,032	0	0	1,811	0	0	0	0	221
New Mexico Institute of Mining and Technology	152	324	258	2,024	173	0	0	3	0	0	0	1,848
Utah State U.	153	723	1,234	2,009	0	0	1,007	0	0	0	0	1,002
U. California, Merced	154	495	1,641	2,003	183	11	459	0	0	0	4	1,346
U. Massachusetts, Lowell	155	1,267	1,209	1,973	34	0	983	330	0	0	0	626
Kent State U.	156	1,598	1,559	1,967	0	0	1,275	0	0	0	0	692
SUNY, Stony Brook U.	157	952	1,420	1,942	0	182	355	400	0	921	0	84
Winthrop U.	158	866	816	1,914	0	0	1,894	0	0	20	0	0
U. North Carolina, Charlotte	159	1,283	1,341	1,906	166	0	1,026	231	0	146	10	327
U. Alaska, Fairbanks	160	1,842	1,982	1,813	105	14	626	50	0	0	0	1,018
Brigham Young U., Provo	161	1,843	1,825	1,792	313	0	358	1,028	0	0	0	93
Sam Houston State U.	162	2,320	3,160	1,720	0	0	1,635	26	0	0	0	59
Rensselaer Polytechnic Institute	163	4,216	2,629	1,655	232	0	0	0	0	0	14	1,409
U. Nevada, Las Vegas	164	1,065	1,414	1,623	5	64	1,368	0	0	0	0	186

TABLE 59
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CUNY, John Jay C. of Criminal Justice	165	2,825	2,769	1,615	0	0	0	20	1,575	0	0	20
Wichita State U.	166	3,498	4,940	1,610	4	0	29	30	0	0	0	1,547
Texas A&M U.-Corpus Christi	167	896	1,185	1,607	167	0	1,080	26	0	0	0	334
Duke U.	168	1,723	1,586	1,587	595	0	0	52	338	0	74	528
U. Idaho	169	1,632	1,715	1,579	0	0	1,507	0	0	0	0	72
U. California, Santa Barbara	170	2,078	2,965	1,547	139	110	961	337	0	0	0	0
Northern Arizona U.	171	895	854	1,528	0	93	1,435	0	0	0	0	0
Johnson C. Smith U.	172	1,143	1,644	1,498	86	65	431	61	0	0	0	855
San Jose State U.	173	2,041	1,021	1,496	1,358	0	0	29	0	11	0	98
U. California, Riverside	174	2,268	1,702	1,481	0	0	1,458	22	0	0	0	1
SUNY, Binghamton U.	175	537	1,213	1,475	257	0	886	0	0	0	0	332
Fordham U.	176	997	963	1,472	0	0	628	2	30	781	0	31
Rutgers, State U. New Jersey, Newark	177	1,471	1,390	1,458	1,415	0	0	37	0	0	0	6
Boise State U.	178	1,793	1,304	1,456	322	0	1,085	22	0	0	0	27
Worcester Polytechnic Institute	179	754	964	1,452	906	0	0	0	0	0	0	546
Tufts U.	180	2,847	1,587	1,414	0	0	773	213	0	0	64	364
Texas A&M U.-Kingsville	181	1,357	1,443	1,391	0	0	1,391	0	0	0	0	0
Virginia State U.	182	1,012	855	1,364	0	0	1,019	0	0	0	0	345
U. Dayton	183	886	966	1,308	0	0	1,009	0	0	0	52	247
U. of the District of Columbia	184	644	1,050	1,304	0	0	0	0	0	0	0	1,304
Montclair State U.	185	1,016	1,330	1,272	0	0	656	257	40	1	0	318
U. North Texas, Denton	186	1,634	1,892	1,257	456	0	731	30	0	0	25	15
CUNY, Graduate Center	187	355	245	1,246	0	0	290	425	0	0	0	531
U. South Alabama	188	466	834	1,176	0	0	544	0	0	0	0	632
Embry-Riddle Aeronautical U.	189	151	601	1,164	84	378	598	0	0	0	0	104
North Carolina Central U.	190	904	845	1,148	0	0	1,108	0	0	40	0	0
Miami U.	191	1,644	558	1,130	0	24	641	143	0	0	60	262
North Dakota State U.	192	505	5,177	1,089	0	18	235	0	0	0	0	836
Pace U.	193	877	1,014	1,062	0	0	1,062	0	0	0	0	0
U. Hawaii, Manoa	194	603	819	1,051	0	61	17	0	0	530	0	443
Emory U.	195	1,149	931	1,047	0	108	535	245	0	0	32	127
Loyola Marymount U.	196	108	831	1,038	0	0	1,019	0	0	0	0	19
U. North Carolina, Wilmington	197	799	738	1,031	388	0	407	113	0	0	101	22

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
SUNY, U. Albany	198	877	947	1,021	209	0	598	51	0	119	0	44
California State U., Dominguez Hills	199	73	473	1,013	0	0	1,013	0	0	0	0	0
California State U., Bakersfield	200	242	660	990	0	0	990	0	0	0	0	0
La Sierra U.	201	614	812	972	0	0	972	0	0	0	0	0
Loyola U., Chicago	202	741	969	967	0	0	432	0	5	520	0	10
Claremont Graduate U.	203	6	526	961	0	0	961	0	0	0	0	0
St. Edward's U.	204	3,132	3,620	930	0	0	930	0	0	0	0	0
Western U. of Health Sciences	205	431	600	929	0	0	929	0	0	0	0	0
Florida Atlantic U.	206	908	1,031	924	0	0	218	0	0	93	0	613
U. Massachusetts, Dartmouth	207	440	597	923	0	196	727	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	208	413	378	912	22	1	793	96	0	0	0	0
Seton Hall U.	209	2,186	1,134	907	0	0	907	0	0	0	0	0
Princeton U.	210	812	570	885	0	148	0	525	0	0	52	160
Villanova U.	210	445	721	885	0	0	0	81	43	0	0	761
Cleveland State U.	212	522	564	881	19	0	713	0	110	37	0	2
Wesleyan U.	213	746	580	877	0	0	877	0	0	0	0	0
U. Maryland Center for Environmental Science	214	876	830	869	0	0	869	0	0	0	0	0
U. Washington, Bothell	215	1,555	1,053	864	45	0	819	0	0	0	0	0
California State U., Northridge	216	783	626	854	76	0	581	61	77	0	0	59
U. Miami	217	410	369	846	0	0	812	34	0	0	0	0
Dartmouth C. and Dartmouth Hitchcock Medical Center	218	1,179	886	824	65	0	9	323	0	0	163	264
U. Nebraska, central administration	218	858	326	824	0	0	0	0	0	0	0	824
Case Western Reserve U.	220	838	780	821	97	0	724	0	0	0	0	0
Hawaii Pacific U.	221	0	0	819	0	0	266	3	0	521	0	29
Erikson Institute	222	1,006	772	815	0	0	815	0	0	0	0	0
California State U., San Marcos	223	1,237	905	793	9	0	349	14	0	0	0	421
Stevens Institute of Technology	224	1,320	1,373	789	383	0	314	92	0	0	0	0
Jackson State U.	225	102	1,099	784	0	0	744	40	0	0	0	0
Texas Southern U.	226	659	610	782	0	0	0	0	0	0	0	782
Pacific U.	227	877	544	769	0	0	670	99	0	0	0	0
California State Polytechnic U., Pomona	228	214	129	764	0	0	0	0	0	0	0	764
U. Guam	229	358	454	763	0	0	705	0	0	0	0	58
California State U., Sacramento	230	801	1,263	762	0	0	636	49	0	6	0	71

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
South Carolina State U.	231	673	697	757	139	0	618	0	0	0	0	0
Duquesne U.	232	402	585	747	349	0	10	62	0	0	0	326
U. Colorado Colorado Springs	233	398	261	739	0	0	160	0	0	0	0	579
U. Nevada, Reno	234	966	1,006	727	626	21	4	0	36	0	40	0
U. Oklahoma, Tulsa	235	394	586	706	0	0	426	0	0	280	0	0
Seattle U.	236	816	840	691	0	0	691	0	0	0	0	0
Western Washington U.	237	128	327	687	0	4	683	0	0	0	0	0
Drake U.	238	ne	645	686	0	0	616	0	42	0	0	28
Colorado School of Mines	239	1,685	1,874	682	22	0	31	0	0	0	0	629
Pennsylvania State U., Harrisburg	240	14	19	677	0	0	668	0	0	9	0	0
DePaul U.	241	132	52	673	20	0	653	0	0	0	0	0
Colorado C.	242	105	3,528	669	0	0	181	0	0	0	488	0
Ball State U.	243	107	370	667	22	0	305	0	0	82	0	258
U. California, Santa Cruz	244	655	376	648	0	0	302	260	0	0	86	0
Chapman U.	245	537	693	644	0	47	90	0	98	0	0	409
Howard U.	246	471	536	635	0	150	35	0	0	450	0	0
U. Texas, Dallas	247	758	471	633	137	0	362	134	0	0	0	0
U. Arkansas, Little Rock	248	629	501	632	0	0	506	0	40	0	0	86
Citadel Military C. South Carolina	249	266	456	629	10	0	619	0	0	0	0	0
Southern Illinois U., Edwardsville	250	903	1,044	621	0	0	0	440	30	0	143	8
U. Alabama, Huntsville	251	689	530	617	332	1	196	49	0	0	8	31
Morehouse C.	252	139	431	608	199	0	0	0	0	0	193	216
California State U., Long Beach	253	168	329	607	0	168	133	306	0	0	0	0
Fayetteville State U.	253	209	1,009	607	0	0	607	0	0	0	0	0
Texas Woman's U.	255	818	505	597	0	0	597	0	0	0	0	0
Georgetown U.	256	544	1,621	588	168	73	0	61	84	0	0	202
Texas Tech U., Health Sciences Center, El Paso	256	28	265	588	0	0	580	0	0	0	0	8
California State U., Chico	258	577	552	587	0	0	587	0	0	0	0	0
U. Texas Rio Grande Valley	259	503	663	584	20	0	486	0	0	11	0	67
William Paterson U.	260	824	653	578	1	0	577	0	0	0	0	0
CUNY, City C.	261	68	118	568	0	0	28	0	0	0	2	538
U. Missouri, Kansas City	262	399	419	563	26	0	246	143	0	0	0	148
Northeastern Illinois U.	263	640	543	561	0	0	561	0	0	0	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
U. Houston-Downtown	264	1,118	665	558	0	0	558	0	0	0	0	0
Lamar U.	265	989	716	555	148	0	189	0	0	0	0	218
U. Wisconsin-Milwaukee	265	641	453	555	0	0	328	10	0	0	3	214
Tulane U.	267	74	385	554	0	0	0	0	0	0	0	554
Purdue U., Northwest	268	27	115	550	0	0	14	0	0	0	90	446
U. North Carolina, Asheville	269	557	547	547	45	0	401	54	0	0	0	47
Saint Louis U.	270	256	783	545	0	6	115	21	0	354	0	49
Tennessee Technological U.	271	133	364	544	0	0	274	0	0	0	0	270
Florida Institute of Technology	272	551	663	541	30	0	0	0	0	0	0	511
Fort Lewis C.	273	0	16	537	0	0	163	0	0	0	0	374
Kennesaw State U.	273	287	542	537	21	0	248	258	0	0	10	0
Lawrence Technological U.	275	109	32	521	0	0	1	0	0	0	0	520
Pepperdine U.	276	432	425	519	0	0	396	7	116	0	0	0
Eastern Michigan U.	277	78	208	518	42	5	393	0	0	78	0	0
Elizabeth City State U.	278	463	337	517	0	2	470	45	0	0	0	0
National Defense U.	279	2,000	1,200	500	0	0	500	0	0	0	0	0
U. Colorado Anschutz Medical Campus ^e	280	na	668	497	0	0	0	0	0	399	0	98
Marshall U.	281	8	332	494	133	0	338	0	0	0	0	23
Clarkson U.	282	219	374	492	58	0	300	134	0	0	0	0
East Stroudsburg U. Pennsylvania	283	ne	ne	470	0	0	470	0	0	0	0	0
California State U., Los Angeles	284	292	410	459	0	0	414	0	0	0	0	45
U. Alaska, Anchorage	285	162	227	440	21	0	382	0	0	0	0	37
Marquette U.	286	206	448	433	0	0	0	0	0	0	0	433
Dillard U.	287	36	416	430	0	0	330	24	57	0	0	19
Pennsylvania State U., Behrend	288	0	272	412	2	13	387	2	0	0	8	0
Santa Clara U.	289	35	174	411	92	0	214	0	0	0	0	105
San Francisco State U.	290	320	323	408	408	0	0	0	0	0	0	0
U. San Diego	291	350	557	407	0	0	348	54	5	0	0	0
Saginaw Valley State U.	292	0	0	401	13	5	324	21	35	0	3	0
Saint Joseph's U.	293	272	506	398	0	0	398	0	0	0	0	0
U. Northern Colorado	294	620	580	392	0	0	392	0	0	0	0	0
CUNY, New York City C. of Technology	295	226	313	386	0	0	0	0	0	0	0	386
CUNY, Lehman C.	296	583	776	376	0	0	78	17	0	0	0	281

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Roger Williams U.	297	201	230	369	0	0	235	0	134	0	0	0
U.S. Military Academy	298	338	51	364	0	0	0	331	20	0	0	13
Alabama A&M U.	299	211 i	280 i	347 i	28 i	9 i	189 i	12 i	0 i	35 i	2 i	72 i
Baylor U.	300	167	146	344	0	0	191	132	0	21	0	0
New Mexico State U.	301	915	464	341	27	0	221	0	0	0	0	93
U. Vermont	302	305	436	336	0	0	336	0	0	0	0	0
Brandeis U.	303	625	746	335	189	0	27	16	0	0	0	103
U. Illinois, Springfield	304	5	15	329	0	0	308	21	0	0	0	0
U. Tulsa	305	142	352	328	0	0	205	6	10	0	12	95
Kean U.	306	253	120	327	55	0	206	61	0	2	0	3
Grambling State U.	307	428	295	326 i	0 i	0 i	200 i	65 i	0 i	0 i	0 i	61 i
Norfolk State U.	308	27	0	316	0	0	103	0	0	0	0	213
Indiana State U.	309	314	290	315	0	0	315	0	0	0	0	0
St. Cloud State U.	310	318	304	311	0	0	311	0	0	0	0	0
Hofstra U.	311	391	306	298	0	0	298	0	0	0	0	0
U. Missouri, Saint Louis	312	306	513	295	29	0	221	0	0	45	0	0
Bentley U.	313	ne	ne	286	0	0	286	0	0	0	0	0
Texas A&M U.-Commerce	314	222	198	282	21	0	108	0	0	0	0	153
Gallaudet U.	315	942	10	273	0	225	0	0	0	0	0	48
West Texas A&M U.	315	289	280	273	0	0	42	0	0	0	0	231
Michigan Technological U.	317	260	382	266	0	0	266	0	0	0	0	0
Western Carolina U.	318	92	72	265	0	0	0	0	0	265	0	0
U. of Mary Washington	319	453	239	264	148	0	0	88	0	0	0	28
Middle Tennessee State U.	320	1,166	52	259	3	0	0	130	0	0	0	126
Georgia Southern U.	321	31	75	249	0	0	249	0	0	0	0	0
U. Central Arkansas	321	47	505	249	0	0	249	0	0	0	0	0
Prairie View A&M U.	323	115	251	240	0	0	64	0	0	0	0	176
Bowie State U.	324	599	418	239	0	0	0	0	0	0	0	239
Tougaloo C.	325	0	0 i	238 i	15 i	0 i	134 i	12 i	0 i	19 i	0 i	58 i
Pratt Institute	326	ne	294	228	0	0	0	0	0	0	0	228
Ohio U.	327	77	116	227	0	1	218	0	0	0	6	2
Hampton U.	328	436	336	225	0	0	8	0	0	0	0	217
Creighton U.	329	139 i	159 i	223 i	10 i	8 i	97 i	15 i	8 i	50 i	3 i	32 i

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2022 non-S&E fields: FYs 2020–22 and by subfield for FY 2022

(Dollars in thousands)

Institution	Rank	2020	2021	2022								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
U. of St. Thomas (MN)	396	0	0	55	0	0	55	0	0	0	0	0
Coastal Carolina U.	397	0	4	54	0	0	54	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	398	429	375	50	5	0	45	0	0	0	0	0
SUNY, Geneseo	398	0	86	50	0	0	0	0	0	0	0	50
U. North Carolina, general administration	398	10	66	50	0	0	0	0	0	0	0	50
Albion C.	401	0	0	46	4	1	31	4	1	0	5	0
Stephen F. Austin State U.	401	373	215	46	0	0	27	0	0	19	0	0
SUNY, Buffalo State	403	1	0	44	0	0	44	0	0	0	0	0
Central Connecticut State U.	404	383	155	41	0	0	18	23	0	0	0	0
CUNY, C. Staten Island	404	33	0	41	0	0	0	41	0	0	0	0
St. John's U., New York	406	0	19	40	0	0	40	0	0	0	0	0
Alaska Pacific U.	407	27	2	39	0	0	39	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	407	16	0	39	39	0	0	0	0	0	0	0
U. Wisconsin-Platteville	407	44	32	39	1	0	37	1	0	0	0	0
U. Puget Sound	410	4	ne	37	0	0	0	37	0	0	0	0
U. Wisconsin-Green Bay	410	31	31	37	1	1	20	1	0	4	0	10
Towson U.	412	11	15	35	0	0	3	0	0	0	0	32
CUNY, system office	413	15	0	34	0	0	0	0	0	0	0	34
Grinnell C.	414	27	35	33	0	0	33	0	0	0	0	0
Middlebury C.	414	0	0	33	0	0	0	0	0	0	33	0
Purdue U., Fort Wayne	414	28	22	33	0	0	0	16	0	0	0	17
Framingham State U.	417	0	0	32	1	0	29	2	0	0	0	0
Tuskegee U.	418	0	0	31	0	0	0	0	0	31	0	0
Babson C.	419	14	0	29	29	0	0	0	0	0	0	0
SUNY, C. Brockport	420	0	0	28	0	0	0	28	0	0	0	0
U. Minnesota, Duluth	420	61	43	28	0	0	0	0	0	0	0	28
Christopher Newport U.	422	18	10	27	0	0	0	7	0	0	0	20
Illinois Institute of Technology	423	92	113	25	0	0	6	0	0	0	0	19
U. Detroit Mercy	424	25	102	23	0	0	0	0	23	0	0	0
CUNY, York C.	425	33	33	21	0	0	0	0	0	0	0	21
SUNY, Polytechnic Institute	425	5	0	21	0	0	0	21	0	0	0	0
U. Akron	425	65	71	21	1	0	18	0	0	0	2	0
Missouri U. of Science and Technology	428	7	0	19	0	18	0	1	0	0	0	0

i = imputed. na = not applicable; institution did not exist or did not exist as a separate entity. ne = not eligible; institution did not meet the criteria for inclusion.

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 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.

^c Johns Hopkins University includes the Applied Physics Laboratory, with zero in federally financed non-S&E R&D expenditures in FY 2022.

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

^e 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.