

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				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	-	4,854,301	5,023,112	5,113,430	934,020	186,003	1,616,705	556,694	282,662	319,273	179,563	1,038,510
U. Pennsylvania	1	137,448	146,396	139,396	84,856	7,313	14,518	7,361	11,239	0	3,076	11,033
U. Michigan, Ann Arbor	2	104,485	100,931	118,228	16,156	1,716	12,371	23,442	6,694	7,210	3,115	47,524
Harvard U.	3	110,578	123,639	109,083	32,862	2,769	43,542	9,961	18,388	0	1,561	0
U. Wisconsin-Madison	4	88,107	91,878	85,191	11,664	5,267	28,245	14,791	3,389	745	2,087	19,003
Arizona State U.	5	67,049	78,430	81,652	22,167	4,074	33,394	6,877	4,510	6,789	3,841	0
U. Kansas	6	70,001	76,326	80,837	1,015	866	62,676	2,513	18	12,905	112	732
Florida State U.	7	71,549	80,379	77,689	11,049	2,065	36,429	10,527	2,914	7,292	5,020	2,393
New York U.	8	89,471	89,103	76,810	5,973	0	21,308	12,109	23,641	5,391	778	7,610
U. Washington, Seattle	9	77,934	85,569	73,658	100	11,124	35,093	3,206	870	14,831	530	7,904
Virginia Commonwealth U.	10	24,766	28,285	72,243	0	17	23,357	18,381	0	1,596	11,962	16,930
Syracuse U.	11	70,687	71,962	72,037	23,736	3,886	6,477	9,863	5,502	974	4,817	16,782
Georgia State U.	12	69,347	76,064	71,402	14,424	9,375	33,070	569	4,199	7,481	2,284	0
U. Texas, Austin	13	76,182	70,284	70,185	4,969	8,910	16,080	6,706	1,092	11,835	168	20,425
U. South Florida ^a	14	60,357	46,005	65,052	11,211	2,574	36,128	6,101	0	1,181	3,505	4,352
U. Georgia	15	62,627	63,130	64,523	22,849	4,086	9,368	8,725	4,597	2,017	5,609	7,272
U. Virginia, Charlottesville	16	66,759	67,324	59,610	6,002	0	31,557	5,259	1,418	0	360	15,014
Ohio State U.	17	52,848	54,061	59,506	4,522	443	21,418	2,350	721	7,539	984	21,529
U. California, Los Angeles	18	56,841	54,234	58,429	14,856	4,208	29,044	5,471	2,743	0	1,994	113
Purdue U., West Lafayette	19	65,516	48,429	55,952	10,962	1,065	8,979	1,874	0	0	39	33,033
Columbia U. in the City of New York	20	37,919	51,003	55,440	2,539	2,146	5,232	6,692	6,894	29,003	120	2,814
U. Maryland ^b	21	49,324	55,151	54,635	739	231	6,468	4,417	4,165	22,506	311	15,798
Clemson U.	22	53,533	54,255	53,989	1,708	139	3,649	346	0	0	16	48,131
Massachusetts Institute of Technology	23	69,387	61,915	52,737	2,324	129	35,776	3,823	175	182	613	9,715
U. California, Berkeley	24	51,347	43,697	52,025	17,030	5,223	9,931	3,266	16,105	0	470	0
Vanderbilt U. and Vanderbilt U. Medical Center	25	46,559	50,086	50,702	45	0	47,108	1,686	354	0	1	1,508
U. Texas, San Antonio	26	8,607	46,980	47,330	7,414	1,086	5,615	3,465	0	1,331	786	27,633
U. South Carolina, Columbia	27	69,507	31,555	46,932	12,546	109	5,275	6,482	584	5,480	3,264	13,192
Oklahoma State U., Stillwater	28	34,255	33,474	46,863	17,208	1,846	14,570	4,732	0	0	1,160	7,347

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Texas Tech U.	29	46,606	52,481	46,832	14,010	3,300	17,004	4,161	1,689	0	3,350	3,318
U. Oklahoma, Norman and Health Science Center	30	19,304	24,585	45,990	11,021	1,242	17,156	395	49	1,076	702	14,349
U. North Carolina, Chapel Hill	31	40,119	43,949	45,359	1,919	1,600	12,734	3,055	351	15,476	1,336	8,888
Stanford U.	32	45,427	44,141	44,474	384	1,595	40,020	351	1,602	0	163	359
U. Florida	33	47,868	52,546	40,461	3,489	3,384	19,998	4,203	142	2	1,832	7,411
U. California, San Diego	34	9,578	8,387	40,402	576	406	6,065	1,920	0	0	1,668	29,767
Cornell U.	35	40,724	42,944	40,205	3,961	5,709	218	1,626	612	0	2,830	25,249
U. Southern California	36	40,541	41,691	40,040	1,665	8,701	9,202	3,022	919	9,814	2,357	4,360
Texas A&M U., College Station and Health Science Center	37	40,781	40,859	39,523	9,688	403	24,044	1,062	756	431	114	3,025
U. Minnesota, Twin Cities	38	42,900	43,068	38,218	17,600	463	10,490	3,074	2,264	1,204	172	2,951
Michigan State U.	39	43,690	38,813	37,274	6,161	3,290	13,528	3,312	0	1,539	303	9,141
Dartmouth C. and Dartmouth Hitchcock Medical Center	40	38,177	40,798	37,247	15,555	0	80	16,847	0	0	1,120	3,645
Auburn U., Auburn	41	31,768	33,778	36,980	15,167	992	3,968	6,812	0	423	1	9,617
U. Central Florida	42	39,212	34,995	36,435	8,799	870	15,735	1,802	234	1,343	1,593	6,059
American U.	43	31,522	34,334	36,404	5,834	6,415	1,637	2,573	11,579	0	748	7,618
U. California, Irvine	44	26,186	34,144	36,272	4,428	1	24,032	6,392	878	0	540	1
Indiana U., Bloomington	45	37,708	34,734	36,185	5,212	1,325	4,206	2,044	755	0	3,528	19,115
U. Illinois, Urbana-Champaign	46	36,643	30,615	35,349	2,368	226	5,172	3,719	1,418	7,957	1,173	13,316
Pennsylvania State U., University Park and Hershey Medical Center	47	25,648	21,466	34,537	8,760	1,561	16,457	5,333	359	1,012	1,055	0
U. Nebraska, Lincoln	48	32,276	35,528	34,340	10,810	1,952	3,905	6,545	2,718	0	2,464	5,946
U. Missouri, Columbia	49	21,920	28,274	34,279	825	3,556	19,809	676	155	839	204	8,215
Washington State U.	50	42,688	40,370	33,017	7,632	2,043	17,427	1,009	121	152	117	4,516
U. Louisiana, Lafayette	51	12,586	25,845	32,651	9,662	1,180	7,713	8,951	2	0	4,370	773
Texas State U.	52	29,114	31,472	31,997	724	0	6,766	538	21,622	0	127	2,220
U. Iowa	53	24,544	27,790	31,735	6,482	655	12,265	4,320	656	1,007	337	6,013
Georgetown U.	54	30,064	33,155	30,603	10,351	274	1,041	2,221	14,906	0	0	1,810

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				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. Oregon	55	28,433	25,661	30,203	2,854	1,549	13,391	772	1,250	0	248	10,139
Florida International U.	56	34,110	26,584	30,202	8,537	1,100	10,578	5,229	1,241	130	1,751	1,636
U. Alabama, Tuscaloosa	57	15,285	22,940	29,799	7,702	1,117	8,337	3,783	2,333	4,084	1,309	1,134
U. Tennessee, Knoxville ^C	58	25,967	28,093	28,899	9,470	2,466	2,905	5,922	2,832	1,736	1,994	1,574
U. Colorado Boulder	59	27,749	29,125	28,679	1,704	296	24,388	889	1,189	0	0	213
Rutgers, State U. New Jersey, New Brunswick	60	36,055	26,421	28,675	2,405	1,411	5,909	2,217	0	2,076	56	14,601
U. Arizona	61	18,980	17,742	28,655	7,943	123	5,944	4,603	3,529	0	5,041	1,472
Washington U., Saint Louis	62	20,610	25,534	28,558	79	1	305	359	14	27,800	0	0
Georgia Institute of Technology	63	29,091	31,180	28,320	1,226	824	10,757	573	0	0	1,205	13,735
U. Utah	64	52,419	29,823	27,419	2,296	2,628	2,609	308	48	2,805	1,568	15,157
U. Nevada, Las Vegas	65	25,668	28,266	26,894	6,388	907	4,818	3,722	3,143	377	3,111	4,428
Boston U.	66	25,392	29,183	26,605	6,056	559	8,378	3,697	4,204	3,456	80	175
U. Massachusetts, Boston	67	23,020	27,392	26,602	670	10	24,425	1,005	0	168	256	68
U. Notre Dame	68	28,384	26,720	25,936	4,604	0	56	4,403	215	0	266	16,392
U. West Florida	69	26,382	26,275	25,768	22,012	64	2,755	2	25	142	6	762
Iowa State U.	70	15,976	56,769	25,604	9,087	918	3,024	6,993	0	0	1,138	4,444
Northwestern U.	71	29,462	26,992	25,077	10,181	3,019	7,353	2,970	1,108	0	446	0
U. Houston	72	26,489	25,846	24,693	1,459	172	5,093	1,546	943	3,885	109	11,486
U. North Texas, Denton	73	24,168	26,475	24,514	8,973	885	3,972	3,519	348	165	5,809	843
New Jersey Institute of Technology	74	24,431	16,812	23,397	1,966	0	12,540	828	0	0	0	8,063
U. Texas, El Paso	75	14,604	21,191	22,518	4,515	1,568	5,323	3,658	0	1,212	1,874	4,368
U. Arkansas, Fayetteville	76	31,265	24,604	22,171	3,078	84	14,952	406	1,545	278	58	1,770
San Diego State U.	77	18,231	18,845	21,399	5,823	1,250	4,502	5,069	0	1,578	1,314	1,863
George Mason U.	78	22,214	22,083	21,002	1,079	2,496	4,500	1,215	10,642	63	161	846
U. Cincinnati	79	16,399	18,886	20,882	2,523	42	6,706	2,985	43	0	114	8,469
U. Texas, Arlington	80	23,124	26,776	20,484	3,531	22	1,171	725	0	6,150	272	8,613
Temple U.	81	21,084	25,449	19,778	2,271	775	7,950	3,682	2,401	744	708	1,247
Boston C.	82	17,188	19,895	19,430	89	10	11,664	564	586	5,977	66	474
Montana State U., Bozeman	83	14,452	18,842	18,838	1,826	143	3,136	1,686	0	0	1,199	10,848

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(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				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. Buffalo	84	19,538	20,398	18,083	2,475	378	13,691	587	588	67	7	290
U. North Carolina, Greensboro	85	9,825	13,602	18,041	87	117	12,899	421	0	1,346	435	2,736
North Carolina State U.	86	17,976	18,201	17,811	198	0	11,833	5,780	0	0	0	0
U. Illinois, Chicago	87	17,540	16,086	17,681	377	207	5,669	5,307	7	2,448	389	3,277
George Washington U.	88	20,601	20,624	17,607	4,634	4	6,985	1,052	735	0	74	4,123
Wichita State U.	89	15,177	14,146	17,381	654	11	315	377	68	4	0	15,952
U. Denver	90	14,909	18,737	17,378	95	77	7,217	0	234	9,755	0	0
Yale U.	91	15,669	14,439	17,371	3,663	0	3,693	4,329	1,046	0	743	3,897
Mississippi State U.	92	8,852	16,118	17,231	7,804	465	4,601	1,729	93	29	908	1,602
U. Memphis	93	11,475	15,270	16,971	4,923	380	3,656	1,929	1,066	1,224	1,694	2,099
U. Nevada, Reno	94	15,421	15,463	16,820	3,570	22	4,442	1,795	3,808	906	337	1,940
Brandeis U.	95	4,087	13,443	16,617	216	0	237	1,339	0	0	2,408	12,417
Illinois State U.	96	20,498	24,411	16,488	178	0	14,417	20	0	65	76	1,732
U. California, Santa Barbara	97	13,681	12,911	16,161	11,467	370	2,718	1,513	0	0	91	2
California Institute of Technology	98	24,373	30,954	16,133	0	179	0	7,641	0	0	0	8,313
Southern Methodist U.	99	15,059	16,199	15,962	3,684	0	7,241	847	2,579	0	1,199	412
Carnegie Mellon U.	100	13,364	13,865	15,836	8,363	0	34	4,782	0	0	2,562	95
Duke U.	101	13,589	16,429	15,403	11,834	0	61	1,503	705	0	211	1,089
Colorado State U., Fort Collins	102	16,225	23,258	15,066	39	170	732	2,466	642	47	399	10,571
Princeton U.	103	15,039	14,088	14,796	0	103	1,381	8,403	0	8	2,955	1,946
U. New Hampshire	104	11,354	11,057	14,573	2,191	634	5,061	3,875	688	1,347	459	318
Kent State U.	105	14,321	16,378	14,368	4,320	1,374	4,182	2,033	0	6	926	1,527
SUNY, U. Albany	106	19,918	17,604	14,148	3,129	459	4,248	2,915	0	1,772	592	1,033
SUNY, Binghamton U.	107	10,851	11,950	14,075	1,562	85	3,487	4,806	0	374	268	3,493
North Dakota State U.	108	6,658	5,778	14,067	11,450	448	392	952	0	0	376	449
Kansas State U.	109	16,378	14,161	13,647	1,954	322	3,244	1,658	0	0	1,286	5,183
Tulane U.	110	14,489	13,706	13,338	284	151	0	1,323	4,835	0	227	6,518
Louisiana State U., Baton Rouge	111	9,294	8,922	13,166	1,656	984	857	438	867	583	137	7,644
U. Vermont	112	186	12,319	13,013	3,234	342	2,417	5,442	0	242	1,336	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Wayne State U.	113	9,145	13,506	12,825	187	18	3,590	274	175	6,420	27	2,134
U. Massachusetts, Amherst	114	19,292	14,391	12,637	1,463	223	4,014	1,624	39	0	348	4,926
U. Louisville	115	11,740	13,949	12,590	2,464	455	3,620	726	742	3,588	750	245
Northeastern U.	116	9,513	10,266	12,311	1,211	830	3,343	276	2,731	0	300	3,620
Brown U.	117	11,071	9,256	12,193	16	0	5,091	2,722	10	0	166	4,188
U. California, Davis	118	13,098	12,019	12,023	221	283	6,543	929	869	0	3,147	31
Georgia Southern U.	119	1,532	2,117	11,909	3,816	284	3,056	2,701	102	0	1,477	473
U. Baltimore	120	8,977	11,598	11,757	40	0	184	0	1,087	0	0	10,446
U. Mississippi	121	21,334	6,988	11,646	1,392	52	1,080	1,826	2,238	58	228	4,772
San Jose State U.	122	4,491	6,827	11,569	7,233	262	889	1,219	0	322	799	845
Fordham U.	123	13,664	14,984	11,252	3,039	286	729	2,238	2,833	790	0	1,337
Florida A&M U.	124	5,865	7,125	11,179	716	0	1,289	2	0	0	0	9,172
William & Mary	125	9,148	10,906	10,738	1,587	0	6,993	904	994	0	93	167
U. Pittsburgh, Pittsburgh	126	12,205	12,685	10,594	453	4	5,690	266	153	1,723	1	2,304
U. North Dakota	127	9,995	9,616	10,565	1,070	304	3,015	1,676	1,955	166	808	1,571
Virginia Polytechnic Institute and State U.	128	9,815	10,169	10,563	3,748	445	1,992	534	0	72	413	3,359
U. Kentucky	129	12,197	11,543	10,441	3,829	115	684	647	240	749	578	3,599
U. North Florida	130	6,902	8,083	10,424	4,459	16	5,851	45	0	0	36	17
U. Maine	131	8,292	9,184	10,082	1,570	1,042	1,849	2,305	0	596	675	2,045
Emory U.	132	21,085	28,099	9,982	559	77	1,600	2,435	481	112	1,835	2,883
CUNY, John Jay C. of Criminal Justice	133	9,309	9,382	9,883	0	0	256	27	9,341	0	0	259
U. Texas, Dallas	134	13,101	12,661	9,866	7,575	0	693	1,598	0	0	0	0
U. Texas Rio Grande Valley	135	9,302	9,092	9,737	1,950	361	1,510	778	0	338	1,229	3,571
East Carolina U.	136	7,999	10,697	9,609	2,338	0	4,633	153	0	242	3	2,240
Rhode Island C.	137	8,671	8,656	9,361	1,106	0	7,204	2	0	1,046	3	0
U. Montana, Missoula	138	8,419	8,714	9,277	897	189	2,566	1,211	745	3,653	0	16
Chapman U.	139	7,094	12,709	9,226	672	819	1,376	36	862	0	18	5,443
U. Puerto Rico, Rio Piedras	140	6,069	5,007	9,099	135	18	312	160	3	321	7	8,143
U. Rhode Island	141	7,731	7,908	9,030	2,271	481	1,287	609	13	3	0	4,366
Catholic U. of America	142	1,082	1,122	8,991	4,170	0	0	2,300	108	70	0	2,343

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
West Virginia U.	143	8,937	8,103	8,956	2,344	185	2,178	308	410	9	51	3,471
California State U., East Bay	144	ne	3,557	8,817	1,723	137	6,733	71	2	37	0	114
Drexel U.	145	8,574	8,331	8,650	30	2	1,106	1,821	1	0	244	5,446
U. Chicago	146	10,908	10,487	8,646	421	0	3,595	557	14	3,766	0	293
Rensselaer Polytechnic Institute	147	4,413	8,367	8,476	2,302	103	0	0	0	0	959	5,112
Middle Tennessee State U.	148	3,199	3,917	8,291	706	730	670	4,198	0	34	1,266	687
Portland State U.	149	11,319	10,013	8,215	31	59	2,790	280	0	2,115	14	2,926
U. Alabama, Huntsville	150	4,920	7,326	7,902	2,530	126	4,231	559	0	0	405	51
U. Alabama, Birmingham	151	12,502	9,681	7,879	209	0	1,364	0	0	111	0	6,195
Marquette U.	152	8,921	7,984	7,718	854	959	105	1,145	921	0	0	3,734
Western Michigan U. and Homer Stryker M.D. School of Medicine	153	9,911	9,191	7,642	52	0	7,334	29	0	158	7	62
Rochester Institute of Technology	154	8,226	8,205	7,530	26	0	5,413	113	0	0	1,358	620
U. Massachusetts, Lowell	155	7,226	6,870	7,397	3,276	0	1,921	1,673	0	0	471	56
Loyola Marymount U.	156	2,950	2,704	7,383	613	50	2,379	1,057	1,322	0	49	1,913
U. Southern Mississippi	157	11,215	7,826	6,970	44	1	149	697	0	19	1	6,059
Sam Houston State U.	158	3,265	6,679	6,893	44	1	5,854	126	0	0	27	841
U. Delaware	159	5,335	5,928	6,877	914	1,001	4,797	143	0	0	22	0
Naval Postgraduate School	160	6,801	4,627	6,861	2,863	363	1,314	130	15	0	0	2,176
Baylor U.	161	7,013	8,452	6,722	958	563	462	3,004	0	1,221	122	392
Louisiana Tech U.	162	6,383	6,214	6,637	4,425	307	423	592	0	0	572	318
Rice U.	163	5,438	6,468	6,601	1,471	0	3,336	1,351	0	0	83	360
Indiana U.-Purdue U., Indianapolis	164	9,485	7,301	6,475	1,229	22	1,472	939	1	1,174	417	1,221
Johns Hopkins U. ^d	165	4,156	5,825	6,448	0	0	0	6,255	0	0	0	193
U. Connecticut	166	12,730	9,734	6,239	870	200	1,155	433	111	1,521	587	1,362
Bowling Green State U.	167	6,914	7,030	6,202	145	11	4,149	495	0	0	434	968
U. California, Riverside	168	5,509	6,973	6,186	2	0	2,695	1,295	0	0	32	2,162
U. California, Merced	169	2,279	2,545	6,097	536	3	3,691	588	0	0	442	837
U. Wisconsin-Milwaukee	170	2,823	6,287	6,083	247	389	638	2,674	0	504	119	1,512

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				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. Washington, Bothell	171	5,594	5,847	6,065	167	0	5,858	3	0	0	0	37
James Madison U.	172	3,758	4,078	6,000	1,757	639	1,098	635	0	189	673	1,009
Montclair State U.	173	7,628	7,032	5,920	942	363	2,696	709	76	380	464	290
Northern Illinois U.	174	8,233	8,745	5,904	489	0	332	18	70	0	205	4,790
Oregon State U.	175	5,895	5,959	5,737	0	0	98	18	0	0	0	5,621
Salisbury U.	176	4,498	5,064	5,596	740	81	2,354	101	0	1,544	14	762
Ohio U.	177	8,154	9,545	5,565	1,942	153	1,422	784	0	64	613	587
North Carolina Agricultural and Technical State U.	178	4,042	4,769	5,562	1,589	0	860	0	0	0	0	3,113
Villanova U.	179	4,612	5,091	5,526	1,406	67	364	2,584	419	0	39	647
Cleveland State U.	180	6,223	6,097	5,477	1,925	0	2,037	0	812	36	0	667
U. New Mexico	181	6,386	6,126	5,184	586	784	2,045	131	752	379	2	505
Wake Forest U.	182	2,439	3,372	5,051	1	63	1,400	3,057	186	0	341	3
High Tech High Graduate School of Ed.	183	ne	3,304	5,032	0	0	5,032	0	0	0	0	0
U. Colorado Denver ^e	184	na	na	4,972	333	35	2,579	111	0	59	94	1,761
Colorado C.	185	1,180	1,463	4,781	2,809	0	177	189	0	0	1,246	360
Naval War C.	186	4,381	5,220	4,748	0	0	0	0	0	0	0	4,748
St. Edward's U.	187	3,837	4,242	4,738	35	297	4,228	35	25	30	33	55
Kennesaw State U.	188	2,530	3,399	4,719	2,276	681	625	449	26	355	201	106
U. South Dakota	189	3,572	4,513	4,646	945	267	955	621	496	217	424	721
U. Central Oklahoma	190	4,253	4,366	4,508	1	0	4,361	0	0	0	0	146
Southern Illinois U., Edwardsville	191	2,575	4,013	4,441	0	0	0	2,603	0	0	660	1,178
U. North Carolina, Charlotte	192	4,490	4,869	4,419	840	9	1,640	452	0	230	71	1,177
Long Island U.	193	255	3,849	4,407	0	602	773	2,090	0	0	762	180
Seton Hall U.	194	6,246	5,179	4,317	0	0	4,317	0	0	0	0	0
Bryn Mawr C.	195	4,875	6,067	4,184	0	0	171	3,273	0	626	114	0
Brigham Young U., Provo	196	6,307	4,759	4,163	1,111	9	730	1,617	100	0	0	596
New School	197	4,242	3,931	4,119	129	357	501	781	0	933	262	1,156
SUNY, Stony Brook U.	198	3,765	3,267	4,113	51	563	190	2,073	0	719	376	141
Delaware State U.	199	505	3,478	3,999	0	0	3,709	0	0	0	0	290

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Claremont Graduate U.	200	6,081	5,038	3,954	1,537	0	2,417	0	0	0	0	0
Tufts U.	201	16,726	6,958	3,927	31	0	1,304	779	63	67	94	1,589
William Paterson U.	202	5,698	4,631	3,867	903	200	1,336	959	50	38	353	28
Old Dominion U.	203	7,567	6,842	3,854	310	0	3,211	67	0	0	0	266
U. San Diego	204	2,294	4,707	3,806	86	0	1,836	918	530	0	42	394
U. California, Santa Cruz	205	4,503	3,629	3,776	0	179	254	2,378	0	0	965	0
U. Oklahoma, Tulsa	206	2,370	2,892	3,753	0	0	2,930	0	0	822	0	1
California State U., Sacramento	207	3,265	3,514	3,627	721	0	2,129	258	0	198	79	242
California State U., San Bernardino	208	3,643	3,404	3,608	9	2	3,456	0	0	5	4	132
Rutgers, State U. New Jersey, Newark	209	5,370	4,888	3,602	1,732	0	118	77	781	3	33	858
U. New Orleans	210	2,615	2,908	3,581	179	0	382	1,082	0	0	480	1,458
Saint Louis U.	211	4,196	2,670	3,535	133	4	1,118	845	141	226	26	1,042
Florida Atlantic U.	212	4,686	3,843	3,491	1,265	0	544	1	0	90	0	1,591
Texas A&M U.-Corpus Christi	213	3,648	4,038	3,430	90	1	1,045	58	1	0	22	2,213
California Polytechnic State U., San Luis Obispo	214	295	2,926	3,412	2,755	70	367	210	0	0	0	10
U. Idaho	215	5,756	3,626	3,259	32	0	2,006	44	33	0	14	1,130
Michigan Technological U.	216	3,590	3,196	3,208	1,494	0	370	1,061	0	0	283	0
U. Missouri, Saint Louis	217	1,567	2,676	3,148	236	40	1,640	542	0	240	1	449
Kean U.	218	ne	1,125	3,145	10	14	182	61	197	0	0	2,681
Florida Gulf Coast U.	219	4,437	3,217	3,140	220	0	2,819	46	35	3	0	17
Utah State U.	220	3,441	3,362	3,084	1	0	1,310	455	0	0	2	1,316
U. Hawaii, Manoa	221	2,712	2,609	3,076	198	181	1,549	54	15	628	0	451
Tarleton State U.	222	1,605	2,637	3,041	804	179	1,340	291	424	0	0	3
CUNY, Hunter C.	223	4,705	4,394	2,962	0	8	1,670	100	0	1,157	27	0
Duquesne U.	224	3,771	3,634	2,932	1,012	0	693	212	399	0	3	613
Indiana U. Pennsylvania	225	4,482	2,863	2,931	1,334	186	208	1,051	0	0	7	145
Boise State U.	226	4,296	4,388	2,898	689	51	1,502	239	0	62	272	83
San Francisco State U.	227	2,221	2,651	2,886	1,039	347	877	79	84	0	30	430

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021									
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other	
Southern Connecticut State U.	228	1,871	1,887	2,883	980	0	361	469	0	83	216	774	
Azusa Pacific U.	229	2,867	3,459	2,852	260	12	540	1,746	0	169	104	21	
Missouri U. of Science and Technology	230	286	188	2,768	78	7	0	34	0	0	0	2,649	
U. Maryland, Baltimore County	231	3,714	4,198	2,760	11	0	1,955	100	0	27	220	447	
Prairie View A&M U.	232	2,480	2,620	2,715	6	0	333	143	2,136	0	0	97	
California State U., Fullerton	233	1,156	472	2,643	834	145	127	372	0	12	151	1,002	
Ball State U.	234	5,120	2,658	2,564	601	0	287	165	579	147	0	785	
Pratt Institute	235	ne	ne	2,547	0	0	0	0	0	0	0	2,547	
Hofstra U.	236	491	468	2,438	580	116	378	827	217	0	296	24	
Wesleyan U.	237	2,244	2,329	2,413	0	934	784	544	0	0	142	9	
Western Washington U.	238	2,087	2,508	2,405	262	75	1,034	735	0	0	233	66	
Eastern Michigan U.	239	2,469	2,504	2,391	289	56	597	543	109	287	499	11	
Texas A&M U.-Kingsville	240	2,731	2,177	2,298	4	0	1,963	0	0	0	0	331	
North Carolina Central U.	241	2,875	2,134	2,265	41	0	2,050	0	57	117	0	0	
Texas Christian U.	242	2,261	1,736	2,261	26	0	2,045	40	0	150	0	0	
U. Rochester	243	1,685	1,437	2,197	106	0	1,249	96	0	0	455	291	
CUNY, City C.	244	1,433	1,457	2,183	0	0	212	26	5	0	36	1,904	
Lehigh U.	245	2,771	1,637	2,161	110	0	1,820	153	0	0	0	78	
U. Missouri, Kansas City	246	1,860	1,661	2,099	0	15	813	220	3	5	77	966	
Miami U.	247	3,100	2,681	2,093	696	132	428	153	0	72	43	569	
Stevens Institute of Technology	248	1,218	2,107	2,073	638	0	430	1,005	0	0	0	0	
Marshall U.	249	1,799	3,230	2,065	693	0	838	0	0	0	0	534	
West Chester U. Pennsylvania	250	2,990	3,552	2,056	457	8	424	122	0	134	90	821	
U. Central Arkansas	251	1,327	1,348	2,051	0	0	1,038	0	0	0	0	1,013	
U. Puerto Rico, Mayaguez	252	785	657	2,046	888	0	447	0	0	488	0	223	
U. Alaska, Fairbanks	253	2,150	1,935	2,034	157	0	1,294	366	0	0	0	217	
Grinnell C.	254	1,845	2,905	1,993	0	0	173	1,612	0	0	198	10	
Colorado School of Mines	255	3,087	3,754	1,979	66	0	47	15	0	0	0	1,851	

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021									
				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. Virginia's C. Wise	256	ne	ne	1,964	78	0	1	0	0	0	0	0	1,885
Case Western Reserve U.	257	3,142	2,053	1,935	542	0	1,231	120	42	0	0	0	0
U. Tennessee, Chattanooga	258	1,943	1,774	1,812	1,458	58	186	51	0	0	1	58	
Texas A&M U.-Commerce	259	975	1,622	1,796	196	15	188	50	0	14	0	1,333	
Morgan State U.	260	462	274	1,740	145	0	16	7	0	871	0	701	
Erikson Institute	261	2,279	1,992	1,723	0	0	1,723	0	0	0	0	0	
U. North Carolina, Asheville	262	2,376	1,857	1,695	60	0	675	754	0	123	0	83	
Loyola U., Chicago	263	2,013	1,155	1,694	3	0	352	27	22	881	0	409	
Fayetteville State U.	264	2,471	812	1,661	383	150	1,128	0	0	0	0	0	
California State U., Bakersfield	265	979	1,151	1,645	204	0	1,046	171	63	0	70	91	
U. North Carolina, Wilmington	266	1,476	1,539	1,605	643	0	698	47	0	0	0	217	
Creighton U.	267	1,761	i 1,440	i 1,604	i 378	i 62	i 392	i 221	i 174	i 91	i 51	i 235	
Lamar U.	268	1,652	1,988	1,580	422	0	587	48	0	17	7	499	
Northern Arizona U.	269	1,151	1,908	1,571	89	203	1,120	18	0	66	2	73	
Wellesley C.	270	3,734	3,131	1,551	0	0	1,077	87	0	0	25	362	
U. Toledo	271	2,351	2,257	1,540	76	16	764	5	0	290	19	370	
Saint Joseph's U.	272	1,163	1,402	1,524	661	19	770	51	0	0	23	0	
Franklin and Marshall C.	273	1,949	1,704	1,523	21	0	209	90	0	18	49	1,136	
La Sierra U.	274	1,368	1,467	1,511	274	0	930	137	0	0	0	170	
U. Dayton	275	1,419	1,502	1,487	116	23	825	11	0	21	36	455	
U. Nebraska, Omaha	276	2,527	3,256	1,452	67	0	550	8	0	0	7	820	
Worcester Polytechnic Institute	276	2,056	1,143	1,452	885	0	5	148	0	0	0	414	
Reed C.	278	0	1,493	1,450	i 0	i 0	i 0	i 962	i 0	i 0	i 197	i 291	
Suffolk U.	279	ne	1,261	1,408	715	0	138	0	316	0	0	239	
Texas A&M International U.	280	2,034	1,354	1,404	116	0	131	2	0	0	58	1,097	
Purdue U., Northwest	281	2,161	1,424	1,387	737	0	140	15	0	0	260	235	
DePaul U.	282	903	803	1,382	554	38	94	114	76	18	166	322	
Yeshiva U.	283	0	0	1,369	0	0	0	0	1,369	0	0	0	
California State U., Northridge	284	2,337	1,823	1,353	213	0	596	224	163	112	0	45	

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Lewis and Clark C.	285	1,380	1,443	1,345	0	0	47	34	1,264	0	0	0
Williams C.	286	1,453	1,375	1,342	1	0	0	681	0	0	97	563
Virginia State U.	287	2,234	2,188	1,339	10	0	1,249	0	0	0	0	80
Central Michigan U.	288	1,495	1,398	1,336	502	47	88	112	0	0	5	582
Jackson State U.	289	103	102	1,335	28	0	897	102	0	308	0	0
U. Colorado Anschutz Medical Campus ^e	290	na	na	1,328	0	0	356	0	0	304	0	668
Johnson C. Smith U.	291	1,114	1,385	1,308	0	0	1,106	0	0	0	0	202
Pace U.	292	1,471	1,195	1,303	144	1	1,016	95	36	0	0	11
Babson C.	293	1,845	2,352	1,286	1,286	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	294	1,322	599	1,259	0	0	1	9	541	0	0	708
Clarkson U.	295	936	1,009	1,253	358	39	704	105	0	0	2	45
C. Charleston	296	2,404	1,586	1,252	179	52	376	138	0	0	93	414
Texas Southern U.	297	0	1,538	1,248	0	0	0	0	0	0	0	1,248
U. Texas of the Permian Basin	298	ne	1,166	1,236	74	0	122	274	0	0	0	766
Winston-Salem State U.	299	543	1,403	1,233	163	0	1,042	27	0	0	0	1
CUNY, Lehman C.	300	2,096	725	1,213	1	0	826	47	0	0	11	328
National Defense U.	301	2,076	2,000	1,200	0	0	1,200	0	0	0	0	0
St. Cloud State U.	301	1,840	2,016	1,200	141	0	988	12	0	3	25	31
Purdue U., Fort Wayne	303	1,196	884	1,178	197	0	94	91	0	0	65	731
Winthrop U.	304	1,043	1,017	1,145	0	0	1,136	1	0	2	6	0
CUNY, Queens C.	305	748	864	1,117	0	12	656	33	0	0	8	408
Elon U.	306	1,383	1,078	1,111	354	217	78	245	0	0	192	25
U. South Alabama	307	572	531	1,110	0	0	719	0	0	0	0	391
Texas Woman's U.	308	1,481	897	1,093	8	0	618	0	0	0	0	467
Lawrence Technological U.	309	377	646	1,091	795	0	0	3	0	0	0	293
Pepperdine U.	309	1,145	853	1,091	194	61	319	170	210	0	109	28
Western U. of Health Sciences	311	1,015	1,033	1,090	0	0	1,090	0	0	0	0	0
New Mexico State U.	312	1,424	1,458	1,060	16	38	723	9	7	75	25	167
East Tennessee State U.	313	294	307	1,053	157	64	65	0	0	0	0	767

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Seattle U.	313	1,095	1,152	1,053	10	0	894	10	69	10	0	60
U. of the District of Columbia	315	757	648	1,050	0	0	0	0	0	0	0	1,050
Southern U. and A&M C., Baton Rouge	316	779	617	1,044	0	0	321	723	0	0	0	0
Texas Tech U., Health Sciences Center	317	1,113	1,033	1,016	0	0	817	0	0	0	0	199
Willamette U.	318	1,058	881	1,007	31	0	461	96	301	0	31	87
California State U., San Marcos	319	1,149	1,332	993	30	0	398	0	0	0	40	525
U. Wyoming	320	425	1,323	972	0	0	43	0	0	104	0	825
Howard U.	321	936	856	970	0	163	213	0	0	594	0	0
Hamilton C.	322	1,209	1,084	966	0	0	214	247	0	0	328	177
Florida Institute of Technology	323	1,029	995	957	157	21	11	0	0	0	0	768
California State U., Fresno	324	358	509	929	166	0	499	0	121	0	0	143
Kettering U.	325	152	310	928	595	0	0	0	0	0	0	333
California State U., Long Beach	326	1,205	784	924	8	53	312	199	0	163	106	83
Pacific U.	327	2,146	1,302	923	8	0	595	289	0	0	31	0
CUNY, Graduate Center	328	1,236	1,174	913	0	0	161	0	0	0	20	732
West Texas A&M U.	329	416	732	906	0	0	123	0	0	0	0	783
Swarthmore C.	330	1,408	1,004	900	0	0	90	134	0	0	628	48
Grambling State U.	331	1,909	1,572	886	0	0	181	59	0	591	0	55
U. Maryland Center for Environmental Science	332	912	884	879	0	0	876	0	0	0	0	3
Appalachian State U.	333	208	753	859	128	0	563	51	6	86	12	13
Western Kentucky U.	334	1,409	1,219	852	41	61	366	268	0	97	7	12
U. Northern Colorado	335	1,414	1,376	850	58	5	733	0	0	0	0	54
U. Colorado Colorado Springs	336	1,280	1,172	843	569	0	83	0	0	0	0	191
U. Houston-Downtown	337	1,735	1,617	834	0	0	759	3	0	0	0	72
Colorado State U., Pueblo	338	1,099	1,167	831	0	0	0	0	0	0	0	831
U. North Georgia	339	1,517	1,542	819	0	2	693	124	0	0	0	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Carleton C.	340	442	974	816	0	0	0	795	0	0	21	0
Texas Tech U., Health Sciences Center, El Paso	341	234	127	805	0	0	481	0	0	0	0	324
Sacred Heart U.	342	ne	ne	798	7	0	572	8	0	0	0	211
Dillard U.	343	42	36	795	0	0	666	129	0	0	0	0
Eastern Connecticut State U.	343	788	742	795	96	77	109	427	0	0	86	0
Hope C.	345	51	665	782	0	0	43	355	0	0	0	384
Embry-Riddle Aeronautical U.	346	171	350	776	183	0	54	0	0	0	0	539
Tennessee Technological U.	347	694	472	771	55	0	282	1	0	0	3	430
U. Tulsa	348	468	300	761	6	0	642	3	13	0	29	68
U. Massachusetts, Dartmouth	349	1,482	1,510	743	11	10	720	0	2	0	0	0
U. Alaska, Anchorage	350	1,069	590	742	247	0	386	23	0	0	0	86
Rhode Island School of Design	351	336 i	318 i	724 i	0 i	0 i	0 i	239 i	0 i	0 i	191 i	294 i
U. Miami	352	2,095	940	711	0	5	593	86	0	0	27	0
California State U., Dominguez Hills	353	394	255	705	42	26	553	54	0	0	24	6
Drake U.	354	380	ne	704	13	0	610	0	32	0	0	49
South Carolina State U.	355	649	673 i	697 i	128 i	0 i	569 i	0 i	0 i	0 i	0 i	0 i
Franklin W. Olin C. of Engineering	356	1,121	913	691	0	0	691	0	0	0	0	0
U. of Mary Washington	357	1,035	944	687	546	1	22	118	0	0	0	0
U. Massachusetts, central office	358	1,479	953	686	0	0	652	0	0	0	0	34
Stephen F. Austin State U.	359	438	1,216	684	0	0	283	29	0	196	25	151
Mills C.	360	1,413	1,412	683	0	0	683	0	0	0	0	0
U. of St. Thomas (MN)	361	475	632	675	0	0	154	0	123	0	0	398
Austin Peay State U.	362	1,116	859	657	0	0	28	0	0	0	536	93
U.S. Military Academy	363	4,333	601	656	0	0	0	111	133	0	0	412
Furman U.	364	0	22	655	5	0	0	10	0	0	0	640
Des Moines U.	365	311	626	654 i	0 i	0 i	654 i	0 i	0 i	0 i	0 i	0 i
Southeastern Louisiana U.	366	831	694	652	652	0	0	0	0	0	0	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021									
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other	
Haverford C.	396	428	0	411	0	0	0	411	0	0	0	0	0
Amherst C.	397	945	915	410	0	0	0	238	0	0	0	172	0
Pennsylvania State U., Behrend	398	146	30	407	118	8	259	14	0	0	0	8	0
Wright State U.	398	429	851	407	186	0	60	0	1	87	0	0	73
Western Carolina U.	400	115	344	406	35	0	0	0	0	76	36	259	0
Elizabeth City State U.	401	ne	463	398	0	0	331	6	0	0	0	0	61
Spelman C.	402	747	614	396	0	0	0	396	0	0	0	0	0
Fairfield U.	403	575	526	392	217	19	17	124	0	7	7	1	0
South Dakota State U.	404	332	339	389	0	158	6	13	0	0	0	212	0
U. California, Office of the President	405	0	0	386	0	0	127	0	0	0	0	0	259
Roger Williams U.	406	393	246	384	0	0	173	0	151	0	0	0	60
Rowan U.	407	912	749	372	5	0	227	20	120	0	0	0	0
U. San Francisco	408	1,517	1,004	368	75	8	233	34	0	0	16	2	0
Indiana State U.	409	432	403	365	8	0	356	0	0	1	0	0	0
U. Nebraska, central administration	410	1,163	858	364	0	0	0	0	0	0	0	0	364
Saint John's U.	411	631	599	352	28	5	168	109	0	0	42	0	0
Santa Clara U.	411	99	113	352	107	37	16	0	114	0	0	0	78
Manhattan C.	413	221	243	342	162	0	180	0	0	0	0	0	0
Bucknell U.	414	1,564	406	340	61	0	2	151	0	0	18	108	0
CUNY, New York City C. of Technology	415	135	228	338	0	0	319	19	0	0	0	0	0
U. Minnesota, Morris	416	600	463	335	0	4	4	71	0	0	9	247	0
U. Nebraska, Kearney	417	283	116	334	14	251	15	0	0	1	18	35	0
Nova Southeastern U.	418	290	559	328	10	0	280	0	24	0	0	14	0
U. Illinois, Springfield	419	149	547	326	0	0	140	20	0	0	0	166	0
C. of Saint Benedict	420	614	582	322	27	4	154	98	0	0	39	0	0
U. Houston-Clear Lake	421	257	235	317	44	0	35	5	0	0	0	233	0
Claremont McKenna C.	422	291	443	311	0	0	0	311	0	0	0	0	0
Central Connecticut State U.	423	415	583	307	17	10	174	106	0	0	0	0	0
Trinity U.	423	551	638	307	37	13	15	161	0	0	76	5	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Bowdoin C.	425	314	165	305	0	0	71	44	0	0	160	30
U. Michigan, Dearborn	426	721	636	298	188	0	16	19	0	0	0	75
SUNY, C. of Environmental Science and Forestry	427	158	296	295	168	0	0	0	0	119	0	8
Pennsylvania State U., Harrisburg	428	308	68	286	94	0	74	1	0	117	0	0
Christopher Newport U.	429	0	364	283	129	24	0	88	0	0	32	10
U. Michigan, Flint	430	914	493	278	0	0	46	11	0	9	2	210
Pomona C.	431	746	273	268	0	33	0	148	0	0	87	0
Albion C.	432	287	266	259	0	20	23	114	0	1	100	1
New Mexico Institute of Mining and Technology	433	93	324	258	103	0	155	0	0	0	0	0
Langston U.	434	393	455	255	0	0	185	0	22	0	0	48
C. Wooster	435	172	253	247	0	2	12	132	0	0	68	33
St. John's U., New York	436	43	352	244	0	1	57	129	19	0	0	38
Loma Linda U.	437	317	279	241	241	0	0	0	0	0	0	0
Northern Michigan U.	438	473	360	237	63	1	3	151	0	0	17	2
Doane U.	439	206	212	228	0	0	228	0	0	0	0	0
CUNY, Baruch C.	440	400	153	224	30	7	3	49	3	0	10	122
U. Wisconsin-Oshkosh	440	195	209	224	60	0	0	0	0	0	36	128
SUNY, Geneseo	442	181	114	223	18	9	6	25	0	0	6	159
U. North Carolina, general administration	443	0	10	219	18	0	22	0	0	0	0	179
Niagara U.	444	1,486	922	218	11	0	68	26	0	6	72	35
Liberty U.	445	351	727	215	0	0	0	0	0	0	0	215
Northland C.	445	ne	ne	215	50	0	116	49	0	0	0	0
Jacksonville State U.	447	2,262	1,186	208	0	0	208	0	0	0	0	0
Idaho State U.	448	412	246	207	27	0	103	22	0	0	1	54
California State U., Maritime Academy	449	0	0	196	0	0	0	0	0	0	0	196
U. Wisconsin-Platteville	450	255	261	194	53	0	108	27	0	0	6	0
Davidson C.	451	228	421	187	0	0	0	0	0	0	0	187
Abilene Christian U.	452	ne	ne	185	0	0	31	94	0	7	8	45

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Indiana U., South Bend	453	ne	ne	184	15	0	21	0	0	0	47	101
Coastal Carolina U.	454	0	0	183	16	1	118	47	1	0	0	0
Albany State U.	455	162	330	182	0	0	182	0	0	0	0	0
Clark U.	456	767	482	181	0	0	116	0	0	0	38	27
Mount Holyoke C.	456	290	121	181	0	0	43	45	0	0	87	6
Clark Atlanta U.	458	540	193	180	0	0	0	0	0	31	0	149
Fisk U.	459	142	0	177	0	0	177	0	0	0	0	0
U. Richmond	459	472	396	177	75	18	0	35	0	0	49	0
U. Texas, Tyler	461	34	125	165	32	0	100	0	0	0	0	33
U. Wisconsin-River Falls	462	ne	395	162	0	0	0	0	0	0	0	162
Dakota State U.	463	4	0	161	0	0	41	25	0	0	0	95
Illinois Institute of Technology	464	114	119	156	0	0	130	0	0	0	0	26
Lafayette C.	464	453	205	156	0	0	0	92	0	0	41	23
U. Detroit Mercy	464	40	30	156	0	1	90	0	65	0	0	0
Troy U.	467	ne	103	154	0	1	148	0	0	0	5	0
U. Wisconsin-La Crosse	467	337	225	154	46	0	0	22	0	0	4	82
Macalester C.	469	226	190	147	0	0	0	147	0	0	0	0
U. Southern Maine	470	596	455	139	0	0	0	0	0	0	30	109
Xavier U. Louisiana	470	153	52	139	0	2	32	105	0	0	0	0
Western Illinois U.	472	66	164	138	0	0	132	0	0	6	0	0
Northern Kentucky U.	473	338	282	137	7	10	12	15	0	9	16	68
Minnesota State U., Mankato	474	727	415	136	3	0	38	0	0	1	0	94
CUNY, C. Staten Island	475	469	148	134	4	43	13	73	0	0	1	0
California State Polytechnic U., Pomona	476	776	245	133	0	0	0	0	0	0	0	133
Keck Graduate Institute	476	126	129	133	133	0	0	0	0	0	0	0
Mercyhurst U.	478	128	131	129	35	5	35	20	0	8	4	22
U. Wisconsin-Green Bay	479	147	133	127	24	5	44	14	0	8	0	32
West Virginia State U.	479	66	0	127	0	0	0	0	0	0	0	127
SUNY, Polytechnic Institute	481	101	132	124	0	0	0	124	0	0	0	0
U. Hawaii, Maui C.	482	ne	ne	110	0	0	110	0	0	0	0	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Vassar C.	483	0	15	108	0	0	10	95	0	0	3	0
Florida Polytechnic U.	484	25	20	103	103	0	0	0	0	0	0	0
Mercer U.	485	91	161	94	22	0	70	2	0	0	0	0
Roseman U. of Health Sciences	486	0	0	92	0	0	0	0	0	0	0	92
Eastern Kentucky U.	487	150	98	89	3	0	0	0	0	0	0	86
St. Olaf C.	487	174	159	89	0	0	8	39	17	0	24	1
Murray State U.	489	34	26	87	81	0	0	1	0	0	0	5
U. of the Incarnate Word	489	372	61	87	20	0	67	0	0	0	0	0
C. New Jersey	491	ne	75	84	5	3	7	63	0	0	6	0
California State U., Channel Islands	492	55	98	79	0	0	14	4	0	0	7	54
Sonoma State U.	492	ne	86	79	0	5	43	25	0	0	5	1
U. Northern Iowa	492	27	100	79	0	0	48	23	0	0	1	7
Black Hills State U.	495	777	60	76	0	0	76	0	0	0	0	0
New York Institute of Technology	495	115	107	76	5	0	71	0	0	0	0	0
U. Wisconsin-Eau Claire	497	62	43	75	0	0	51	0	0	0	0	24
Oberlin C.	498	85	35	74	0	0	0	66	0	0	8	0
CUNY, York C.	499	47	43	73	0	0	2	11	0	5	0	55
Fort Hays State U.	500	266	220	71	9	0	26	0	14	0	0	22
U.S. Naval Academy	500	140	296	71	0	0	0	71	0	0	0	0
Skidmore C.	502	88	96	66	5	0	0	0	0	14	17	30
Augusta U.	503	106	75	65	0	2	32	0	0	0	4	27
Ithaca C.	504	ne	70	64	0	0	0	6	0	0	0	58
Occidental C.	504	0	0	64	0	0	64	0	0	0	0	0
U. Louisiana, Monroe	506	5	13	63	0	0	0	37	0	0	0	26
Biola U.	507	58	57	58	13	2	16	8	5	3	2	9
Hobart and William Smith Colleges	508	73	107	55	2	0	8	21	0	0	6	18
Trinity C., Hartford	508	279	119	55	0	0	0	44	0	0	9	2
U. New Haven	510	17	107	54	21	12	20	1	0	0	0	0
U. Ana G. Mendez, Gurabo	511	122	24	52	52	0	0	0	0	0	0	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Calvin U.	512	56	53	51	0	0	0	48	0	3	0	0
SUNY, C. Plattsburgh	512	80	33	51	0	0	51	0	0	0	0	0
Wheaton C., Wheaton	512	110	24	51	0	0	6	45	0	0	0	0
U. South Carolina, Aiken	515	336	101	48	10	0	2	0	0	0	0	36
Arkansas State U., Jonesboro	516	39	3	43	1	0	0	10	0	0	32	0
Bates C.	516	61	66	43	0	0	19	6	0	0	18	0
Union C., Schenectady	516	286	225	43	0	0	0	4	0	0	15	24
Saginaw Valley State U.	519	68	42	42	23	0	1	5	1	2	2	8
California State U., Monterey Bay	520	252	111	38	0	0	3	0	0	0	0	35
SUNY, Oswego	521	102	34	37	23	2	2	2	0	0	8	0
Hawaii Pacific U.	522	20	0	32	32	0	0	0	0	0	0	0
Teachers C., Columbia U.	522	631	460	32	0	0	32	0	0	0	0	0
U. Hawaii, Hilo	522	46	35	32	0	0	0	0	0	0	0	32
Harvey Mudd C.	525	61	66	31	0	0	0	31	0	0	0	0
Andrews U.	526	78	63	30	0	0	0	3	0	0	0	27
California State U., Stanislaus	527	42	74	29	0	0	7	2	0	3	17	0
Thomas Jefferson U.	527	0	23	29	0	0	0	0	0	0	0	29
SUNY, Buffalo State	529	115	45	27	0	0	0	0	0	0	0	27
Fort Lewis C.	530	0	0	20	0	0	16	0	0	0	4	0
Missouri State U.	530	241	111	20	0	0	0	13	0	0	0	7
Lipscomb U.	532	ne	18	19	0	0	19	0	0	0	0	0
Morehead State U.	532	404	21	19	0	0	19	0	0	0	0	0
Cold Spring Harbor Laboratory	534	0	147	18	0	0	0	18	0	0	0	0
Oregon Health and Science U.	535	0	64	14	0	0	0	0	14	0	0	0
Touro U.	535	0	12	14	0	0	0	0	0	0	0	14
Dordt U.	537	ne	ne	12	0	0	0	12	0	0	0	0
Providence C.	538	26	32	11	0	0	3	2	0	0	6	0
Augustana U.	539	0	ne	10	0	10	0	0	0	0	0	0

TABLE 58

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2021 non-S&E fields: FYs 2019–21 and by subfield for FY 2021

(Dollars in thousands)

Institution	Rank	2019	2020	2021								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Central Washington U.	539	18	54	10	0	0	0	9	1	0	0	0
Gallaudet U.	539	2,127	1,695	10	0	10	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	539	ne	8	10	0	0	10	0	0	0	0	0
Norfolk State U.	543	115	32	8	0	0	0	0	0	8	0	0
U. Wisconsin-Stevens Point	543	48 ⁱ	51	8	0	0	0	0	0	0	0	8
Oklahoma State U., Center for Health Sciences	545	69	36	6	6	0	0	0	0	0	0	0
U. Hartford	546	0	197	5	0	0	0	0	0	5	0	0
U. New England	546	0	5	5	0	0	5	0	0	0	0	0
U. Wisconsin-Superior	548	0	6	4	4	0	0	0	0	0	0	0
CUNY, Advanced Science Research Center	549	10	147	3	0	0	0	0	0	0	3	0
Eastern Washington U.	549	53	61	3	0	0	3	0	0	0	0	0
SUNY, C. Brockport	549	18	6	3	0	0	0	0	0	3	0	0
Alaska Pacific U.	552	147	27	2	0	0	2	0	0	0	0	0
U. of the Pacific	553	691	23	1	0	0	0	0	0	0	0	1
All other surveyed institutions	-	41,058	39,377	0	0	0	0	0	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 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.

^b 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.

^c 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.

^d Johns Hopkins University includes the Applied Physics Laboratory (APL), with zero imputed for total non-S&E R&D expenditures in FY 2021. Total expenditures by field for Johns Hopkins University are flagged as imputed because APL was unable to distribute a portion of institutionally funded R&D by field.

^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 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.