

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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	-	4,641,376	4,864,950	5,035,615	878,721	191,813	1,603,978	563,007	267,565	307,145	171,605	1,051,781
U. Pennsylvania	1	137,640	137,448	146,396	89,756	6,079	16,188	9,065	12,632	0	2,918	9,758
Harvard U.	2	106,759	110,578	123,639	36,568	3,004	50,226	10,009	21,871	0	1,961	0
U. Michigan, Ann Arbor	3	107,516	104,485	100,931	13,243	1,821	12,071	25,098	4,437	7,954	3,825	32,482
U. Wisconsin-Madison	4	91,550	88,107	91,878	11,647	4,152	29,494	14,630	3,865	815	2,099	25,176
New York U.	5	85,597	89,471	89,103	7,050	0	27,628	14,449	21,952	9,578	1,069	7,377
U. Washington, Seattle	6	71,393	77,934	85,569	521	11,359	37,374	1,818	1,312	14,934	391	17,860
Florida State U.	7	37,175	71,549	80,379	12,108	2,447	33,404	10,933	4,063	9,082	5,912	2,430
Arizona State U.	8	58,326	67,049	78,430	20,895	5,797	29,988	7,714	4,490	6,217	3,329	0
U. Kansas	9	69,552	70,001	76,326	311	35	60,801	1,426	119	12,160	26	1,448
Georgia State U.	10	67,933	69,347	76,064	20,524	11,742	28,711	581	3,860	7,910	2,449	287
Syracuse U.	11	69,109	70,687	71,962	22,783	4,452	7,565	11,013	5,417	940	4,962	14,830
U. Texas, Austin	12	62,214	76,182	70,284	4,708	10,087	19,359	9,673	691	6,528	158	19,080
U. Virginia, Charlottesville	13	60,859	66,759	67,324	6,512	0	35,808	7,195	1,454	0	548	15,807
U. Georgia	14	62,476	62,627	63,130	19,776	4,040	9,560	9,408	4,404	2,061	5,771	8,110
Massachusetts Institute of Technology	15	70,828	69,387	61,915	7	41	46,996	5,859	482	174	659	7,697
Iowa State U.	16	17,316	15,976	56,769	2,246	607	3,168	7,528	0	0	2,317	40,903
U. Maryland ^a	17	na	49,324	55,151	1,103	517	3,540	5,322	4,477	21,864	445	17,883
Clemson U.	18	53,097	53,533	54,255	1,272	52	4,071	205	0	0	15	48,640
U. California, Los Angeles	19	75,491	56,841	54,234	13,019	4,400	24,926	6,443	3,303	0	1,965	178
Ohio State U.	20	56,586	52,848	54,061	1,090	466	20,898	2,339	761	5,341	1,788	21,378
U. Florida	21	33,731	47,868	52,546	4,848	3,419	18,990	6,181	121	8	1,366	17,613
Texas Tech U.	22	46,242	46,606	52,481	14,030	3,378	21,878	4,021	2,458	0	3,419	3,297
U. Central Florida	23	39,238	39,212	51,555	10,344	3,644	13,171	2,488	209	1,855	1,756	18,088
Columbia U. in the City of New York	24	38,733	37,919	51,003	3,460	2,107	5,335	10,222	5,096	19,152	319	5,312
Vanderbilt U. and Vanderbilt U. Medical Center	25	36,492	46,559	50,086	63	0	47,100	1,466	444	0	0	1,013
Purdue U., West Lafayette	26	95,748	65,516	48,429	10,976	1,607	10,039	3,433	0	0	250	22,124
U. Texas, San Antonio	27	6,490	8,607	46,980	7,081	964	6,649	3,166	0	588	640	27,892
U. South Florida, Tampa	28	50,742	60,357	46,005	6,675	2,240	23,240	5,466	0	1,281	2,922	4,181

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Stanford U.	29	51,283	45,427	44,141	432	890	41,378	957	433	2	0	49
U. North Carolina, Chapel Hill	30	42,095	40,119	43,949	2,554	1,998	12,874	2,943	302	13,796	1,700	7,782
U. California, Berkeley	31	48,815	51,347	43,697	12,957	5,834	7,287	3,425	13,449	0	745	0
U. Minnesota, Twin Cities	32	38,885	42,900	43,068	16,907	713	15,212	3,385	1,728	1,436	252	3,435
Cornell U.	33	37,881	40,724	42,944	5,459	4,985	399	2,145	654	0	2,843	26,459
U. Southern California	34	36,952	40,541	41,691	1,947	6,699	9,021	2,804	1,129	8,761	4,004	7,326
Texas A&M U., College Station and Health Science Center	35	39,987	40,781	40,859	10,234	426	26,397	1,543	791	248	212	1,008
Dartmouth C. and Dartmouth Hitchcock Medical Center	36	35,976	38,177	40,798	16,848	0	115	18,104	0	0	1,752	3,979
Washington State U.	37	42,098	42,688	40,370	5,411	3,611	23,605	1,037	295	133	83	6,195
Michigan State U.	38	41,331	43,690	38,813	5,991	3,630	16,078	2,912	0	1,291	446	8,465
Indiana U., Bloomington	39	32,096	37,708	35,808	7,235	533	4,401	2,098	1,531	0	3,850	16,160
U. Nebraska, Lincoln	40	32,892	32,276	35,528	11,151	1,247	3,209	6,924	3,339	0	2,608	7,050
American U.	41	29,835	31,522	34,334	5,403	6,801	1,130	2,955	12,393	0	798	4,854
U. California, Irvine	42	27,315	26,186	34,144	5,039	31	20,942	7,246	641	0	244	1
Auburn U., Auburn	43	28,275	31,768	33,778	14,782	1,018	4,190	7,030	1	205	0	6,552
Oklahoma State U., Stillwater	44	34,338	34,255	33,474	17,027	1,693	2,946	5,139	0	0	1,269	5,400
Georgetown U.	45	29,289	30,064	33,155	13,641	371	1,235	4,704	12,122	0	0	1,082
U. South Carolina, Columbia	46	60,616	69,507	31,555	1,845	179	2,284	762	304	7,509	556	18,116
Texas State U.	47	34,878	29,114	31,472	965	0	7,833	786	19,399	0	0	2,489
Georgia Institute of Technology	48	32,719	29,091	31,180	3,564	1,291	3,690	601	0	0	6,239	15,795
California Institute of Technology	49	27,996	24,373	30,954	0	91	0	10,411	0	0	0	20,452
U. Illinois, Urbana-Champaign	50	42,725	36,643	30,615	1,950	236	6,631	3,699	1,166	3,813	798	12,322
U. Utah	51	18,098	52,419	29,823	924	2,771	472	269	16	1,685	1,127	22,559
U. West Florida	52	25,325	29,802	29,555	20,282	302	6,381	400	24	116	9	2,041
Boston U.	53	48,341	25,392	29,183	7,766	628	9,023	2,736	3,992	4,354	123	561
U. Colorado Boulder	54	25,690	27,749	29,125	2,008	210	24,361	903	1,397	1	0	245
Virginia Commonwealth U.	55	23,433	24,766	28,285	0	18	22,720	1,290	0	1,454	462	2,341

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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. Missouri, Columbia	56	19,273	21,920	28,274	3	2,455	18,319	270	50	968	57	6,152
U. Nevada, Las Vegas	57	21,089	25,668	28,266	6,387	1,067	4,710	3,673	3,411	578	3,149	5,291
Emory U.	58	19,245	21,085	28,099	877	260	2,548	2,959	710	0	2,341	18,404
U. Tennessee, Knoxville ^b	59	25,902	25,967	28,093	8,215	1,913	2,810	5,775	3,026	1,760	2,108	2,486
U. Iowa	60	27,720	24,544	27,790	5,337	347	11,774	2,441	829	1,405	184	5,473
U. Massachusetts, Boston	61	27,608	23,020	27,392	990	6	24,700	1,179	0	176	227	114
Northwestern U.	62	29,214	29,462	26,992	11,847	3,298	6,237	3,986	993	0	631	0
U. Texas, Arlington	63	18,431	23,124	26,776	4,463	87	1,278	1,303	0	9,201	431	10,013
U. Notre Dame	64	29,524	28,384	26,720	6,139	0	53	6,020	586	0	476	13,446
Florida International U.	65	30,432	34,110	26,584	7,964	892	10,002	2,982	1,153	142	1,691	1,758
U. North Texas, Denton	66	6,294	24,168	26,475	9,588	1,588	4,938	2,725	0	166	6,971	499
Rutgers, State U. New Jersey, New Brunswick	67	39,914	36,055	26,421	1,837	1,236	5,752	4,723	0	3,067	1,024	8,782
U. Houston	68	18,941	26,489	25,846	1,644	37	3,404	1,371	409	6,006	19	12,956
U. Louisiana, Lafayette	69	21,901	12,586	25,845	6,428	1,468	8,750	6,185	0	1	1,492	1,521
U. Oregon	70	28,764	28,433	25,661	1,413	1,335	13,375	1,137	93	0	77	8,231
Washington U., Saint Louis	71	18,872	20,610	25,534	187	5	577	836	0	23,729	160	40
Temple U.	72	22,463	21,084	25,449	2,515	885	10,668	3,979	2,345	1,282	1,018	2,757
Illinois State U.	73	15,898	20,498	25,054	3	1	21,992	5	0	30	162	2,861
U. Arkansas, Fayetteville	74	29,469	31,265	24,604	3,862	152	14,355	455	1,415	206	77	4,082
U. Oklahoma, Norman and Health Science Center	75	20,775	19,304	24,585	543	1,636	1,469	131	53	415	606	19,732
Colorado State U., Fort Collins	76	18,004	16,225	23,258	446	816	2,435	587	118	176	46	18,634
U. Alabama, Tuscaloosa	77	12,081	15,285	22,940	8,544	901	6,622	555	474	3,819	783	1,242
George Mason U.	78	23,722	22,214	22,083	881	3,225	4,940	1,084	10,736	0	126	1,091
Pennsylvania State U., University Park and Hershey Medical Center	79	23,047	25,648	21,466	3,480	504	10,890	5,592	279	0	721	0
U. Texas, El Paso	80	10,208	14,604	21,191	6,679	1,167	2,554	3,280	0	1,636	2,001	3,874
George Washington U.	81	18,627	20,601	20,624	4,689	25	9,338	1,667	1,451	0	270	3,184
SUNY, U. Buffalo	82	16,979	19,538	20,398	3,913	161	14,352	457	524	0	217	774
Boston C.	83	14,229	17,188	19,895	36	58	11,563	806	543	6,369	50	470

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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. Cincinnati	84	15,806	16,399	18,886	2,707	80	6,264	3,037	0	0	187	6,611
San Diego State U.	85	18,319	18,231	18,845	3,968	904	3,532	5,813	0	1,230	1,586	1,812
Montana State U., Bozeman	86	10,633	14,452	18,842	441	246	2,645	1,786	0	12	1,975	11,737
U. Denver	87	5,652	14,909	18,737	29	110	7,724	14	148	10,613	99	0
North Carolina State U.	88	11,990	17,976	18,201	395	0	13,618	4,188	0	0	0	0
U. Arizona	89	15,028	18,980	17,742	2,633	71	2,823	4,499	890	0	5,690	1,136
SUNY, U. Albany	90	21,728	19,918	17,604	4,205	816	5,311	3,486	0	1,991	702	1,093
Duke U.	91	13,664	13,589	16,429	13,537	0	96	1,622	741	0	47	386
Kent State U.	92	16,089	14,321	16,378	4,112	1,516	4,823	2,894	0	34	1,472	1,527
Southern Methodist U.	93	9,635	15,059	16,199	3,110	0	7,161	2,907	1,745	0	38	1,238
Mississippi State U.	94	8,521	8,852	16,118	5,929	622	4,733	2,196	12	30	637	1,959
U. Illinois, Chicago	95	18,436	17,540	16,086	845	274	5,777	4,347	3	1,684	195	2,961
New Jersey Institute of Technology	96	37,784	24,431	15,662	1,868	0	7,306	304	0	0	0	6,184
U. South Florida, Saint Petersburg	97	5,732	8,997	15,651	1,247	252	12,661	939	0	0	307	245
U. Nevada, Reno	98	17,377	15,421	15,463	4,012	39	3,981	1,837	3,961	1,037	339	257
U. Memphis	99	13,478	11,475	15,270	4,474	440	3,263	1,995	1,099	857	1,989	1,153
Fordham U.	100	13,308	13,664	14,984	2,950	232	1,131	3,589	5,321	880	0	881
Yale U.	101	17,543	15,669	14,439	3,514	0	124	5,846	553	0	385	4,017
U. Massachusetts, Amherst	102	17,645	19,292	14,391	1,550	124	4,079	2,507	95	542	117	5,377
Kansas State U.	103	16,433	16,378	14,161	2,219	407	3,683	1,688	0	0	1,347	4,817
Wichita State U.	104	14,221	15,177	14,146	28	15	43	126	82	554	0	13,298
Princeton U.	105	13,710	15,039	14,088	0	0	746	8,544	0	44	3,451	1,303
U. Louisville	106	8,222	11,740	13,949	2,986	263	2,805	872	856	4,308	766	1,093
Carnegie Mellon U.	107	13,165	13,364	13,865	8,364	0	91	4,430	0	0	876	104
Tulane U.	108	13,481	14,489	13,706	0	68	6	1,226	5,547	0	483	6,376
U. North Carolina, Greensboro	109	8,369	9,825	13,602	65	12	10,009	140	0	717	353	2,306
Wayne State U.	110	8,628	9,145	13,506	380	52	2,749	186	33	7,898	185	2,023
U. California, Santa Barbara	111	11,815	13,681	12,911	8,112	348	2,853	1,391	0	0	105	102
Chapman U.	112	4,246	7,094	12,709	0	585	3,318	362	939	0	6	7,499

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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. Pittsburgh, Pittsburgh	113	10,751	12,205	12,685	1,291	16	6,804	598	630	1,433	90	1,823
U. Texas, Dallas	114	12,365	13,101	12,661	7,877	0	750	4,034	0	0	0	0
U. Vermont	115	114	186	12,319	3,386	346	1,897	5,059	0	139	1,492	0
U. California, Davis	116	14,057	13,098	12,019	206	559	6,678	1,140	652	0	2,775	9
SUNY, Binghamton U.	117	8,834	10,851	11,950	1,503	78	3,284	3,691	0	346	333	2,715
U. Baltimore	118	6,762	8,977	11,598	0	0	166	0	749	0	0	10,683
U. Kentucky	119	10,061	12,197	11,543	4,446	320	792	330	74	1,454	602	3,525
U. New Hampshire	120	13,052	11,354	11,057	3,485	43	4,869	1,414	228	911	0	107
William & Mary	121	10,761	9,148	10,906	1,031	0	6,609	1,440	725	0	120	981
East Carolina U.	122	3,008	7,999	10,697	3,403	58	4,426	1,476	0	141	126	1,067
U. Chicago	123	11,202	10,908	10,487	897	0	4,249	784	0	4,021	0	536
Northeastern U.	124	10,165	9,513	10,266	1,090	776	3,209	570	1,883	0	199	2,539
Virginia Polytechnic Institute and State U.	125	11,061	9,815	10,169	3,232	159	2,437	461	0	73	522	3,285
Portland State U.	126	10,385	11,319	10,013	0	7	2,068	84	5	3,000	0	4,849
U. Connecticut	127	12,859	12,730	9,734	939	245	1,874	1,287	102	2,885	607	1,795
U. Alabama, Birmingham	128	13,147	12,502	9,681	94	0	1,767	1	0	268	0	7,551
U. North Dakota	129	9,804	9,995	9,616	1,208	406	2,654	1,619	886	149	806	1,888
Ohio U.	130	3,785	8,154	9,545	3,389	388	1,508	1,343	0	1,559	586	772
CUNY, John Jay C. of Criminal Justice	131	8,417	9,309	9,382	184	4	51	9	9,011	0	0	123
Brown U.	132	11,149	11,071	9,256	65	0	3,906	2,735	16	0	212	2,322
Western Michigan U. and Homer Stryker M.D. School of Medicine	133	5,271	9,911	9,191	61	19	8,877	49	0	12	160	13
U. Maine	134	884	8,292	9,184	1,684	865	1,452	2,366	0	548	651	1,618
U. Texas Rio Grande Valley	135	1,502	9,302	9,092	1,793	381	1,460	753	0	277	1,225	3,203
Louisiana State U., Baton Rouge	136	8,651	9,294	8,922	1,351	442	480	717	489	114	61	5,268
U.S. Air Force Academy	137	2,458	9,001	8,889	802	0	7,841	0	0	0	0	246
Northern Illinois U.	138	4,315	8,233	8,745	808	2	474	0	4	0	196	7,261
U. Montana, Missoula	139	4,467	8,419	8,714	785	234	2,832	1,269	685	2,793	0	116
Rhode Island C.	140	8,511	8,671	8,656	780	0	7,054	0	0	822	0	0

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020									
				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.-Purdue U., Indianapolis	141	6,231	9,485	8,596	1,324	53	1,281	1,267	78	1,183	368	3,042	
Brandeis U.	142	4,889	4,087	8,539	0	0	2,004	0	0	0	79	6,456	
Baylor U.	143	6,647	7,013	8,452	2,173	429	296	3,366	0	1,444	96	648	
U. California, San Diego	144	9,025	9,578	8,387	664	1,164	2,515	2,131	0	0	1,428	485	
Drexel U.	145	7,801	8,574	8,331	76	12	4,014	208	17	0	320	3,684	
Rochester Institute of Technology	146	5,734	8,226	8,205	31	8	5,753	241	0	0	1,374	798	
West Virginia U.	147	9,028	8,937	8,103	1,884	84	1,309	248	162	94	55	4,267	
U. North Florida	148	4,328	6,902	8,083	3,645	16	4,140	151	0	0	104	27	
Marquette U.	149	7,848	8,921	7,984	397	825	158	1,464	1,109	0	62	3,969	
U. Rhode Island	150	6,219	7,731	7,908	1,001	1,438	2,289	88	2	0	0	3,090	
U. Southern Mississippi	151	11,551	11,215	7,826	103	0	73	873	0	235	1	6,541	
Rensselaer Polytechnic Institute	152	6,635	4,413	7,403	89	23	0	153	488	16	750	5,884	
U. Alabama, Huntsville	153	4,886	4,920	7,326	2,675	136	3,385	739	0	0	391	0	
U. Colorado Denver and Anschutz Medical Campus	154	7,782	6,913	7,162	324	32	4,440	167	0	193	0	2,006	
Florida A&M U.	155	5,245	5,865	7,125	811	0	1,394	0	0	0	0	4,920	
Montclair State U.	156	3,015	7,628	7,032	935	311	3,965	1,005	25	198	487	106	
Bowling Green State U.	157	8,421	6,914	7,030	32	339	5,638	372	0	3	572	74	
U. Mississippi	158	20,131	21,334	6,988	1,019	143	1,191	1,827	2,016	75	335	382	
U. California, Riverside	159	5,793	5,509	6,973	23	0	3,335	1,670	0	0	19	1,926	
Tufts U.	160	15,979	16,726	6,958	109	0	3,128	1,135	0	11	156	2,419	
U. Massachusetts, Lowell	161	7,206	7,226	6,870	2,273	0	2,106	1,772	0	0	542	177	
Old Dominion U.	162	8,574	7,567	6,842	365	0	5,761	311	0	0	214	191	
San Jose State U.	163	3,114	4,491	6,827	5,751	4	4	62	0	108	0	898	
Sam Houston State U.	164	1,530	3,265	6,679	146	8	5,435	12	0	0	16	1,062	
Rice U.	165	4,479	5,438	6,468	877	0	3,996	1,286	0	0	75	234	
U. Wisconsin-Milwaukee	166	2,186	2,823	6,287	298	396	788	2,598	0	672	300	1,235	
Louisiana Tech U.	167	6,566	6,383	6,214	4,781	0	380	461	0	0	471	121	
U. New Mexico	168	5,922	6,386	6,126	749	1,020	2,025	578	593	380	16	765	
Cleveland State U.	169	6,438	6,223	6,097	1,901	0	1,984	0	897	60	0	1,255	

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Bryn Mawr C.	170	4,574	4,875	6,067	0	0	159	4,236	0	1,247	266	159
Oregon State U.	171	5,749	5,895	5,959	0	0	0	94	0	0	0	5,865
U. Delaware	172	6,632	5,335	5,928	478	444	4,703	303	0	0	0	0
U. Washington, Bothell	173	6,736	5,594	5,847	293	41	5,469	0	0	0	0	44
Johns Hopkins U. ^c	174	4,881	4,156	5,825	0	0	0	5,696	0	0	0	129
North Dakota State U.	175	5,162	6,658	5,778	2,362	639	560	1,118	0	0	589	510
Naval War C.	176	0	4,381	5,220	0	0	0	0	0	0	0	5,220
Seton Hall U.	177	5,812	6,246	5,179	0	0	5,179	0	0	0	0	0
Villanova U.	178	4,354	4,612	5,091	2,382	95	380	1,506	254	0	29	445
Salisbury U.	179	4,252	4,498	5,064	683	127	2,016	141	1	1,402	69	625
Claremont Graduate U.	180	5,590	6,081	5,038	455	0	3,127	0	0	0	0	1,456
U. Puerto Rico, Rio Piedras	181	3,196	6,069	5,007	93	0	301	164	0	269	0	4,180
Rutgers, State U. New Jersey, Newark	182	4,016	5,370	4,888	2,436	0	4	208	672	20	190	1,358
U. North Carolina, Charlotte	183	5,018	4,490	4,869	1,267	3	2,035	347	0	330	30	857
North Carolina Agricultural and Technical State U.	184	3,426	4,042	4,769	1,524	0	996	0	0	0	0	2,249
Brigham Young U., Provo	185	6,479	6,307	4,759	963	0	1,634	1,788	146	0	0	228
U. San Diego	186	2,151	2,294	4,707	671	149	1,150	754	1,419	0	190	374
William Paterson U.	187	5,765	5,698	4,631	1,001	249	1,564	1,496	0	0	321	0
Naval Postgraduate School	188	6,662	6,801	4,627	2,955	128	914	0	127	0	0	503
U. South Dakota	189	3,775	3,572	4,513	887	268	752	491	515	220	429	951
CUNY, Hunter C.	190	3,950	4,705	4,394	0	8	2,015	529	0	1,818	24	0
Boise State U.	191	3,423	4,296	4,388	1,018	122	2,313	318	0	36	380	201
U. Central Oklahoma	192	3,876	4,253	4,366	1	0	4,225	0	0	0	0	140
St. Edward's U.	193	7,618	3,837	4,242	435	303	2,754	328	55	30	32	305
U. Maryland, Baltimore County	194	1,123	3,714	4,198	1,198	0	449	89	0	0	143	2,319
James Madison U.	195	332	3,758	4,078	937	124	451	517	3	629	101	1,316
Texas A&M U.-Corpus Christi	196	2,176	3,648	4,038	14	2	1,033	15	2	0	35	2,937
Southern Illinois U., Edwardsville	197	1,506	2,575	4,013	0	0	836	1,642	12	0	41	1,482
New School	198	5,494	4,242	3,931	713	73	570	693	0	544	523	815

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Middle Tennessee State U.	199	3,397	3,199	3,917	114	73	1,208	2,465	0	37	0	20
Long Island U.	200	674	255	3,849	0	942	202	1,825	0	0	815	65
Florida Atlantic U.	201	3,390	4,686	3,843	816	0	514	0	0	26	0	2,487
Colorado School of Mines	202	2,084	3,087	3,754	36	0	59	8	0	0	0	3,651
Duquesne U.	203	3,299	3,771	3,634	1,188	0	1,071	615	412	0	18	330
U. California, Santa Cruz	204	4,317	4,503	3,629	0	162	387	2,283	0	0	797	0
U. Idaho	205	6,012	5,756	3,626	28	88	1,939	83	65	0	40	1,383
California State U., East Bay	206	ne	ne	3,557	1,044	43	2,189	149	0	24	88	20
West Chester U. Pennsylvania	207	3,093	2,990	3,552	557	71	566	488	0	164	283	1,423
California State U., Sacramento	208	3,412	3,265	3,514	817	0	1,735	402	0	248	125	187
Azusa Pacific U.	209	4,173	2,867	3,459	639	57	687	1,358	0	216	346	156
California State U., San Bernardino	210	5,167	3,643	3,404	0	0	3,397	0	0	4	0	3
Kennesaw State U.	211	3,208	10,186	3,399	2,072	420	346	378	0	53	26	104
Wake Forest U.	212	380	2,439	3,372	119	119	972	1,796	70	0	261	35
Utah State U.	213	3,403	3,441	3,362	655	0	1,130	132	59	0	9	1,377
High Tech High Graduate School of Ed.	214	861	ne	3,304	0	0	3,304	0	0	0	0	0
SUNY, Stony Brook U.	215	4,067	3,765	3,267	135	637	397	1,358	0	378	261	101
U. Nebraska, Omaha	216	1,956	2,527	3,256	667	0	1,632	21	0	0	46	890
Marshall U.	217	2,007	1,799	3,230	484	0	1,746	0	0	0	0	1,000
Florida Gulf Coast U.	218	3,373	4,437	3,217	900	0	2,203	3	38	0	7	66
Michigan Technological U.	219	3,484	3,590	3,196	1,557	0	266	1,078	0	0	295	0
Wellesley C.	220	6,634	3,734	3,131	0	1,231	1,530	134	38	0	86	112
California Polytechnic State U., San Luis Obispo	221	492	295	2,926	2,003	97	266	555	0	0	0	5
U. New Orleans	222	2,289	2,615	2,908	203	0	407	1,234	0	0	491	573
Grinnell C.	223	1,775	1,845	2,905	0	0	144	1,570	0	0	1,026	165
U. Oklahoma, Tulsa	224	2,365	2,370	2,892	0	0	2,399	0	0	419	0	74
Indiana U. Pennsylvania	225	3,976	4,482	2,863	1,163	243	238	978	0	0	49	192
Loyola Marymount U.	226	3,791	2,950	2,704	578	87	274	816	647	0	34	268

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Miami U.	227	2,538	3,100	2,681	485	103	1,577	53	0	45	17	401
U. Missouri, Saint Louis	228	1,558	1,567	2,676	322	97	1,352	370	0	139	20	376
Saint Louis U.	229	4,467	4,196	2,670	0	2	1,129	869	292	229	11	138
Ball State U.	230	4,751	5,120	2,658	638	0	353	238	228	82	0	1,119
Tarleton State U.	231	543	1,605	2,637	725	154	1,243	248	267	0	0	0
Prairie View A&M U.	232	2,512	2,480	2,620	37	0	325	170	1,970	0	0	118
U. Hawaii, Manoa	233	3,417	2,712	2,609	189	271	1,523	132	44	137	8	305
U. California, Merced	234	2,473	2,279	2,545	0	0	0	436	0	0	0	2,109
Western Washington U.	235	2,163	2,087	2,508	122	3	422	1,221	64	0	586	90
Eastern Michigan U.	236	2,963	2,469	2,504	895	81	370	369	1	273	515	0
Babson C.	237	693 i	1,845 i	2,352 i	2,352 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Wesleyan U.	238	2,133	2,244	2,329	0	338	940	790	0	0	239	22
San Francisco State U.	239	3,062	2,221	2,299 i	671 i	136 i	953 i	318 i	0 i	1 i	115 i	105 i
U. Toledo	240	2,136	2,351	2,257	313	59	935	80	47	231	29	563
Virginia State U.	241	1,999	2,234	2,188	0	0	2,000	0	0	0	0	188
Texas A&M U.-Kingsville	242	2,707	2,731	2,177	21	0	1,920	0	0	0	0	236
North Carolina Central U.	243	3,643	2,875	2,134	211	122	1,035	0	163	109	59	435
Georgia Southern U.	244	828	1,532	2,117	857	0	521	17	0	3	0	719
Stevens Institute of Technology	245	1,495	1,218	2,107	702	0	8	0	0	0	638	759
Case Western Reserve U.	246	4,062	3,142	2,053	556	0	1,398	2	82	0	0	15
St. Cloud State U.	247	2,031	1,840	2,016	0	6	1,467	15	0	2	20	506
National Defense U.	248	2,057	2,076	2,000	0	0	2,000	0	0	0	0	0
Erikson Institute	249	3,583	2,279	1,992	0	0	1,992	0	0	0	0	0
Lamar U.	250	279	1,652	1,988	628	4	848	36	0	0	17	455
U. Alaska, Fairbanks	251	1,928	2,150	1,935	73	0	1,788	0	0	0	0	74
Northern Arizona U.	252	794	1,151	1,908	363	87	1,171	68	0	165	54	0
Southern Connecticut State U.	253	1,079	1,871	1,887	504	5	505	563	0	93	22	195
U. North Carolina, Asheville	254	773	2,376	1,857	54	56	636	884	0	132	0	95
California State U., Northridge	255	2,582	2,337	1,823	267	0	898	190	45	159	0	264

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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. Tennessee, Chattanooga	256	1,751	1,943	1,774	1,564	78	41	91	0	0	0	0
Texas Christian U.	257	2,529	2,261	1,736	113	0	1,440	0	0	9	40	134
Franklin and Marshall C.	258	1,858	1,949	1,704	38	0	200	149	0	0	62	1,255
Gallaudet U.	259	571	2,127	1,695	0	957	25	695	0	0	1	17
U. Missouri, Kansas City	260	2,279	1,860	1,661	6	10	976	190	5	0	57	417
Lehigh U.	261	2,825	2,771	1,637	63	7	1,322	161	0	0	0	84
Texas A&M U.-Commerce	262	873	975	1,622	189	0	235	117	0	14	0	1,067
U. Houston-Downtown	263	1,555	1,735	1,617	9	0	1,519	0	0	0	0	89
U. South Florida, Sarasota-Manatee	264	1,496	1,354	1,612	886	0	142	175	0	93	0	316
C. Charleston	265	1,925	2,404	1,586	212	7	359	265	0	0	136	607
Grambling State U.	266	1,638	1,909	1,572	0	45	328	0	0	1,141	0	58
U. North Georgia	267	1,921	1,517	1,542	0	10	995	517	0	0	20	0
U. North Carolina, Wilmington	268	1,897	1,476	1,539	582	0	714	36	0	0	20	187
U. Massachusetts, Dartmouth	269	2,090	1,482	1,510	11	115	1,159	0	0	0	12	213
U. Dayton	270	3,365	1,419	1,502	74	20	882	32	0	259	9	226
Reed C.	271	0	0	1,493	0	0	0	985	0	0	205	303
Bucknell U.	272	630	1,564	1,482	60	0	2	758	0	0	54	608
La Sierra U.	273	2,080	1,368	1,467	125	0	839	235	0	0	0	268
Colorado C.	274	1,266	1,180	1,463	0	2	164	303	0	300	404	290
New Mexico State U.	275	2,277	1,424	1,458	5	25	1,199	25	0	0	9	195
CUNY, City C.	276	847	1,433	1,457	0	0	121	17	0	0	47	1,272
Lewis and Clark C.	277	1,404	1,380	1,443	0	9	107	81	1,219	0	27	0
Creighton U.	278	1,691	1,761	1,440	352	51	355	221	133	71	47	210
U. Rochester	279	1,573	1,685	1,437	124	0	1,150	141	0	0	12	10
Purdue U., Northwest	280	3,367	2,161	1,424	1,016	0	68	141	0	0	64	135
Mills C.	281	1,806	1,413	1,412	10	0	1,362	30	0	0	10	0
Winston-Salem State U.	282	340	543	1,403	0	0	1,248	79	0	0	7	69
Saint Joseph's U.	283	896	1,163	1,402	756	8	496	119	0	0	19	4
Central Michigan U.	284	2,210	1,495	1,398	368	51	90	59	0	0	18	812

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Johnson C. Smith U.	285	1,043	1,114	1,385	0	0	1,043	0	0	0	0	342
U. Northern Colorado	286	1,367	1,414	1,376	351	15	902	13	0	0	18	77
Williams C.	287	1,134	1,453	1,375	i 1 i	0 i	0 i	698	i 0 i	0 i	99 i	577 i
Texas A&M International U.	288	2,006	2,034	1,354	91	0	68	2	0	0	11	1,182
U. Central Arkansas	289	1,367	1,327	1,348	0	0	708	0	0	0	2	638
California State U., San Marcos	290	1,163	1,149	1,332	12	0	502	0	0	0	41	777
U. Wyoming	291	206	425	1,323	0	0	210	0	0	0	0	1,113
Pacific U.	292	2,108	2,146	1,302	67	0	937	298	0	0	0	0
Oregon Institute of Technology	293	18	i 1,436 i	i 1,299 i	i 1,155 i	144 i	0 i	0 i	0 i	0 i	0 i	0 i
Suffolk U.	294	ne	ne	1,261	903	0	241	0	44	0	0	73
Western Kentucky U.	295	1,614	1,409	1,219	256	49	379	399	0	89	31	16
Stephen F. Austin State U.	296	737	438	1,216	3	2	490	80	0	180	11	450
Pace U.	297	2,134	1,471	1,195	169	3	943	8	56	0	0	16
Jacksonville State U.	298	2,628	2,262	1,186	0	0	1,186	0	0	0	0	0
CUNY, Graduate Center	299	636	1,236	1,174	0	0	409	0	5	0	0	760
U. Colorado Colorado Springs	300	1,246	1,280	1,172	562	0	108	0	0	0	0	502
Colorado State U., Pueblo	301	ne	1,099	1,167	0	0	0	0	0	0	0	1,167
U. Texas of the Permian Basin	302	368	ne	1,166	521	0	2	170	0	0	0	473
Loyola U., Chicago	303	2,283	2,013	1,155	7	0	138	13	49	738	0	210
Seattle U.	304	1,167	1,095	1,152	1	0	831	20	247	5	5	43
California State U., Bakersfield	305	944	979	1,151	107	93	592	291	0	0	67	1
Worcester Polytechnic Institute	306	1,590	2,056	1,143	369	0	311	97	0	0	0	366
Kean U.	307	ne	ne	1,125	29	0	847	47	186	0	16	0
Catholic U. of America	308	1,228	1,082	1,122	0	0	0	223	161	180	0	558
Hamilton C.	309	916	1,209	1,084	0	0	301	557	0	0	194	32
Elon U.	310	1,182	1,383	1,078	337	220	76	245	0	0	174	26
Stockton U.	311	0	4	1,038	296	0	33	102	0	2	411	194

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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., Health Sciences Center	312	1,035	1,113	1,033	0	0	921	0	0	0	0	112
Western U. of Health Sciences	312	1,077	1,015	1,033	0	0	1,033	0	0	0	0	0
Winthrop U.	314	1,142	1,043	1,017	8	0	901	44	0	53	1	10
Clarkson U.	315	1,147	936	1,009	574	13	322	88	0	0	2	10
Swarthmore C.	316	1,231	1,408	1,004	25	0	34	140	0	0	805	0
U. San Francisco	316	1,572	1,517	1,004	202	22	572	161	0	0	47	0
Florida Institute of Technology	318	1,035	1,029	995	161	17	37	0	0	0	0	780
Carleton C.	319	3,597	442	974	0	0	78	741	0	0	155	0
U. Massachusetts, central office	320	1,990	1,479	953	0	0	909	0	0	0	0	44
U. of Mary Washington	321	906	1,035	944	454	0	140	320	0	0	0	30
U. Miami	322	1,972	2,095	940	24	57	661	172	2	0	24	0
Niagara U.	323	1,878	1,486	922	43	5	561	39	0	20	68	186
Amherst C.	324	1,303	945	915	0	0	0	483	0	0	432	0
Franklin W. Olin C. of Engineering	325	378	1,121	913	0	0	913	0	0	0	0	0
U. Akron	326	793	930	901	165	15	244	89	132	0	256	0
Texas Woman's U.	327	1,557	1,481	897	0	0	818	0	0	0	0	79
Purdue U., Fort Wayne	328	1,544	1,196	884	74	0	10	105	0	0	61	634
U. Maryland Center for Environmental Science	328	738	912	884	0	0	884	0	0	0	0	0
Willamette U.	330	1,180	1,058	881	52	1	147	180	157	0	54	290
CUNY, Queens C.	331	707	748	864	6	6	695	19	0	0	0	138
Austin Peay State U.	332	1,453	1,116	859	3	0	6	9	0	3	708	130
U. Nebraska, central administration	333	639	1,163	858	0	0	0	0	0	0	0	858
Howard U.	334	1,373	936	856	0	143	181	0	0	532	0	0
Pepperdine U.	335	1,263	1,145	853	96	40	340	60	212	0	48	57
Wright State U.	336	420	429	851	257	0	57	0	459	0	0	78
U. Arkansas, Little Rock	337	1,088	841	828	0	0	712	0	76	0	0	40

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Fayetteville State U.	338	2,479	2,471	812	504	0	277	0	0	31	0	0
DePaul U.	339	754	903	803	369	4	230	104	26	56	9	5
Texas Southern U.	339	1,103	0	803	0	0	0	0	0	0	0	803
California State U., Long Beach	341	4,472	1,205	784	9	70	270	153	0	164	39	79
Appalachian State U.	342	244	208	753	163	47	317	90	0	97	37	2
Colgate U.	343	681	628	750	0	0	51	647	0	0	52	0
Rowan U.	344	429	912	749	16	0	419	114	122	0	0	78
Eastern Connecticut State U.	345	512	788	742	0	0	5	544	0	0	193	0
West Texas A&M U.	346	356	416	732	0	0	89	0	0	0	0	643
Liberty U.	347	ne	351	727	400	0	4	6	0	0	14	303
CUNY, Lehman C.	348	899	2,096	725	0	161	453	19	0	28	0	64
La Salle U.	349	ne	ne	719	93	48	45	251	0	37	113	132
Southeastern Louisiana U.	350	735	831	694	619	0	0	75	0	0	0	0
South Carolina State U.	351	1,109	649	673	124	0	549	0	0	0	0	0
Hope C.	352	168	51	665	0	3	60	205	0	3	8	386
U. Puerto Rico, Mayaguez	353	1,005	785	657	0	0	0	0	0	4	0	653
U. of the District of Columbia	354	0	757	648	0	0	0	0	0	0	0	648
Lawrence Technological U.	355	600	377	646	0	0	343	69	0	0	0	234
Northeastern Illinois U.	356	565	400	640	0	0	547	0	0	0	0	93
Smith C.	357	594	711	638	0	0	106	313	0	7	195	17
Trinity U.	357	607	551	638	79	52	28	403	0	0	42	34
U. Michigan, Dearborn	359	683	721	636	250	0	70	42	0	0	0	274
California State U., Chico	360	154	670	634	32	0	552	12	0	0	0	38
U. of St. Thomas (MN)	361	301	475	632	0	0	174	0	0	0	4	454
Des Moines U.	362	72	311	626	0	0	626	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	363	639	779	617	0	0	429	0	0	0	0	188
Spelman C.	364	677	747	614	0	0	0	614	0	0	0	0
U.S. Military Academy	365	7,269	4,333	601	0	0	30	463	108	0	0	0
Bowie State U.	366	739	1,035	599	259	0	0	0	0	0	0	340

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020									
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other	
Northwestern State U. Louisiana	366	424	783	599	243	200	86	6	8	0	52	4	
Rutgers, State U. New Jersey, Camden	366	1,214	1,322	599	5	0	0	27	146	0	16	405	
Saint John's U., Collegetown	366	640	631	599	78	58	11	380	0	0	72	0	
U. Alaska, Anchorage	370	1,842	1,069	590	332	1	225	0	0	0	0	32	
Central Connecticut State U.	371	ne	415	583	7	5	529	28	0	0	6	8	
C. of Saint Benedict	372	622	614	582	86	64	13	339	0	0	80	0	
Hampton U.	373	755	662	560	124	0	219	0	0	0	0	217	
Nova Southeastern U.	374	890	290	559	51	0	250	0	19	0	0	239	
CUNY, Brooklyn C.	375	546	538	556	0	2	518	22	0	0	14	0	
U. Illinois, Springfield	376	60	149	547	0	0	415	13	0	0	119	0	
MGH Institute of Health Professions	377	371	636	535	0	0	535	0	0	0	0	0	
U. South Alabama	378	537	572	531	0	0	348	53	0	0	1	129	
Northwest Indian C.	379	505	458	527	0	0	227	0	0	0	0	300	
Fairfield U.	380	208	575	526	293	32	14	173	7	7	0	0	
Delaware State U.	381	2,461	505	523	364	0	0	76	0	51	0	32	
Alabama A&M U.	382	943	751	512	76	21	189	44	19	33	15	115	
California State U., Fresno	383	574	358	509	68	0	153	130	37	0	0	121	
U. Minnesota, Duluth	384	496	671	503	168	7	44	10	0	5	63	206	
U. Michigan, Flint	385	284	914	493	1	0	39	24	0	0	14	415	
Clark U.	386	668	767	482	0	0	161	197	0	0	8	116	
California State U., Fullerton	387	624	1,156	472	93	27	123	182	0	1	22	24	
Tennessee Technological U.	387	538	694	472	41	0	185	3	0	0	0	243	
Hofstra U.	389	315	491	468	0	0	425	23	0	0	13	7	
Tennessee State U.	390	1,326	860	464	4	0	377	0	0	0	0	83	
Elizabeth City State U.	391	0	ne	463	0	0	0	0	0	0	0	463	
U. Minnesota, Morris	391	ne	600	463	0	8	1	163	0	0	26	265	
Teachers C., Columbia U.	393	1,216	631	460	0	0	460	0	0	0	0	0	
Langston U.	394	413	393	455	0	0	266	4	0	0	0	185	
U. Southern Maine	394	718	596	455	17	0	12	0	0	0	3	423	

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				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 McKenna C.	396	394	291	443	0	0	0	443	0	0	0	0
Grand Valley State U.	397	239	388	438	14	18	51	90	2	3	21	239
Emerson C.	398	356	359	434	0	10	25	20	0	0	114	265
Davidson C.	399	300	228	421	0	0	0	264	0	0	0	157
Minnesota State U., Mankato	400	650	727	415	13	0	11	24	0	0	0	367
Salish Kootenai C.	401	778	486	413	0	0	413	0	0	0	0	0
Indiana State U.	402	346	432	403	0	0	402	0	0	1	0	0
California State U., Los Angeles	403	107	393	402	0	2	397	0	0	0	0	3
U. Richmond	404	483	472	396	169	53	1	111	0	0	62	0
U. Wisconsin-River Falls	405	300	ne	395	0	0	197	0	0	0	0	198
St. Bonaventure U.	406	ne	ne	378	5	0	78	294	0	0	0	1
U. Guam	407	172	248	369	0	0	369	0	0	0	0	0
Christopher Newport U.	408	295	0	364	5	109	0	174	0	0	58	18
Northern Michigan U.	409	765	473	360	0	0	18	318	0	0	7	17
Towson U.	410	161	178	353	134	13	35	28	0	0	81	62
St. John's U., New York	411	268	43	352	0	2	31	6	130	0	0	183
Embry-Riddle Aeronautical U.	412	166	171	350	249	0	0	0	0	0	0	101
Western Carolina U.	413	77	115	344	114	0	16	0	0	88	26	100
South Dakota State U.	414	178	332	339	0	26	15	32	0	0	0	266
Humboldt State U.	415	61	185	337	4	90	65	0	0	0	0	178
Albany State U.	416	190	162	330	0	0	330	0	0	0	0	0
U. Washington, Tacoma	417	901	419	325	0	0	145	0	0	124	0	56
New Mexico Institute of Mining and Technology	418	123	93	324	39	0	285	0	0	0	0	0
Citadel Military C. South Carolina	419	ne	ne	319	16	0	288	15	0	0	0	0
Rhode Island School of Design	420	347	336	318	0	0	77	109	0	0	41	91
Kettering U.	421	471	152	310	242	0	0	0	0	0	0	68
East Tennessee State U.	422	349	294	307	277	30	0	0	0	0	0	0
U. Tulsa	423	275	468	300	5	0	184	8	0	0	103	0
Barnard C.	424	520	471	299	0	0	167	79	0	0	30	23

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020									
				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, C. of Environmental Science and Forestry	425	51	158	296	101	0	0	0	0	72	91	32	
U.S. Naval Academy	425	0	140	296	0	0	0	296	0	0	0	0	
Dickinson C.	427	ne	561	295	2	0	3	281	0	0	9	0	
Northern Kentucky U.	428	224	338	282	13	11	104	38	6	41	17	52	
Stonehill C.	429	ne	ne	281	0	0	281	0	0	0	0	0	
Morgan State U.	430	266	462	274	0	0	43	36	0	12	0	183	
Pomona C.	431	558	746	273	0	34	0	184	0	0	55	0	
Albion C.	432	317	287	266	0	21	24	117	0	0	103	1	
U. Wisconsin-Platteville	433	ne	255	261	0	0	139	28	32	0	9	53	
California State U., Dominguez Hills	434	461	394	255	44	25	98	52	0	0	12	24	
C. Wooster	435	156	172	253	0	2	12	135	0	0	70	34	
Weber State U.	436	ne	ne	249	0	0	175	0	0	0	0	74	
Idaho State U.	437	422	412	246	0	30	161	17	0	0	2	36	
Roger Williams U.	437	272	393	246	1	0	158	0	66	0	0	21	
California State Polytechnic U., Pomona	439	505	776	245	0	0	0	0	0	0	0	245	
Manhattan C.	440	ne	221	243	178	0	65	0	0	0	0	0	
U. Houston-Clear Lake	441	24	257	235	0	0	4	24	0	0	0	207	
CUNY, system office	442	313	906	234	0	0	0	0	0	0	0	234	
CUNY, New York City C. of Technology	443	60	135	228	0	2	226	0	0	0	0	0	
U. Wisconsin-La Crosse	444	391	337	225	65	9	0	34	0	0	13	104	
Union C., Schenectady	444	243	286	225	0	0	0	118	0	0	44	63	
Fort Hays State U.	446	ne	266	220	3	2	199	0	0	0	0	16	
Doane U.	447	140	206	212	0	0	212	0	0	0	0	0	
Lafayette C.	448	576	453	205	0	0	6	79	0	0	58	62	
U. Hartford	449	613	0	197	0	0	0	185	0	12	0	0	
Clark Atlanta U.	450	23	540	193	0	0	0	0	0	96	0	97	
Macalester C.	451	186	226	190	0	0	0	122	0	0	0	68	
Missouri U. of Science and Technology	452	329	286	188	34	46	0	36	0	0	0	72	

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Hobart and William Smith Colleges	480	ne	73	107	25	1	24	34	0	0	8	15
New York Institute of Technology	480	169	115	107	11	0	96	0	0	0	0	0
U. New Haven	480	8	17	107	8	4	95	0	0	0	0	0
Troy U.	483	ne	ne	103	18	11	57	0	0	2	6	9
Jackson State U.	484	493	103	102	0	0	102	0	0	0	0	0
U. South Carolina, Aiken	485	20	336	101	11	0	2	19	0	0	0	69
Gettysburg C.	486	132	139	100	7	7	0	59	0	0	27	0
U. Northern Iowa	486	37	27	100	0	0	4	4	0	3	0	89
California State U., Channel Islands	488	78	55	98	0	54	0	42	0	0	0	2
Eastern Kentucky U.	488	138	150	98	1	3	2	0	0	0	0	92
Oakland U.	488	1,856	776	98	27	0	48	10	0	1	1	11
Skidmore C.	491	133	88	96	8	0	2	0	0	12	18	56
Midwestern State U.	492	ne	ne	89	28	0	16	14	0	0	20	11
U. Wisconsin-Oshkosh	492	83 i	85 i	89 i	12 i	3 i	38 i	6 i	3 i	7 i	2 i	18 i
Sonoma State U.	494	ne	ne	86	5	5	0	16	0	0	9	51
Columbus State U.	495	ne	ne	79	1	5	70	0	0	0	3	0
Augusta U.	496	38	106	75	0	12	0	0	0	0	22	41
C. New Jersey	496	82	ne	75	0	1	6	67	0	0	1	0
California State U., Stanislaus	498	23	42	74	54	0	1	5	0	0	12	2
U. Puget Sound	499	ne	ne	72	2	5	0	61	0	0	4	0
Ithaca C.	500	ne	ne	70	0	7	2	9	0	0	22	30
Pennsylvania State U., Harrisburg	501	32	308	68	13	0	42	0	0	13	0	0
Bates C.	502	127	61	66	0	0	7	33	0	0	26	0
Harvey Mudd C.	502	73	61	66	0	0	0	66	0	0	0	0
Oregon Health and Science U.	504	32	0	64	0	0	0	0	64	0	0	0
Andrews U.	505	ne	78	63	0	0	0	2	0	0	0	61
Eastern Washington U.	506	84	53	61	0	0	15	0	0	0	0	46

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020									
				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 the Incarnate Word	506	281	372	61	0	0	0	0	0	0	0	0	61
Black Hills State U.	508	653	777	60	0	0	7	0	0	0	0	0	53
Biola U.	509	59 i	58 i	57 i	14 i	3 i	15 i	8 i	5 i	3 i	2 i	7 i	7 i
CUNY, Medgar Evers C.	510	713	14	55	0	1	51	3	0	0	0	0	0
Central Washington U.	511	16	18	54	0	0	0	54	0	0	0	0	0
Calvin U.	512	144	56	53 i	0 i	0 i	0 i	50 i	0 i	3 i	0 i	0 i	0 i
Lipscomb U.	513	ne	ne	52 i	11 i	1 i	14 i	8 i	6 i	3 i	1 i	8 i	8 i
Xavier U. Louisiana	513	198	153	52	0	0	52	0	0	0	0	0	0
U. Wisconsin-Stevens Point	515	45 i	48 i	51	0	0	0	1	0	0	8	42	42
SUNY, Buffalo State	516	23	115	45	0	0	2	0	0	0	0	0	43
CUNY, York C.	517	ne	47	43	0	0	0	0	0	0	0	0	43
U. Wisconsin-Eau Claire	517	91	62	43	0	0	0	0	0	0	0	0	43
Saginaw Valley State U.	519	56	68	42	23	0	1	5	1	2	2	8	8
Dillard U.	520	0	42	36	0	0	0	0	0	0	0	0	36
Oklahoma State U., Center for Health Sciences	520	111	69	36	13	0	23	0	0	0	0	0	0
Oberlin C.	522	193	85	35	0	0	0	20	0	0	15	0	0
U. Hawaii, Hilo	522	85	46	35	0	0	0	0	0	0	0	0	35
SUNY, Oswego	524	29	102	34	15	0	10	4	0	0	5	0	0
SUNY, C. Plattsburgh	525	0	80	33	0	0	33	0	0	0	0	0	0
Norfolk State U.	526	37	115	32	0	0	27	0	0	0	0	0	5
Providence C.	526	29	26	32	0	0	1	9	0	0	8	14	14
Pennsylvania State U., Behrend	528	143	146	30	0	7	0	12	0	11	0	0	0
U. Detroit Mercy	528	28	40	30	0	0	0	5	25	0	0	0	0
New Jersey City U.	530	4,956	4,796	28	8	0	5	4	0	0	0	0	11
Alaska Pacific U.	531	219	147	27	0	0	27	0	0	0	0	0	0
Murray State U.	532	12	34	26	18	0	1	0	0	0	0	0	7
U. Ana G. Mendez, Gurabo	533	191	122	24	24	0	0	0	0	0	0	0	0
Wheaton C., Wheaton	533	595	110	24	0	0	0	24	0	0	0	0	0
Thomas Jefferson U.	535	0	0	23	0	0	0	0	0	0	0	0	23
U. of the Pacific	535	786	691	23	0	0	0	13	0	0	0	0	10

TABLE 57

Higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2020 non-S&E fields: FYs 2018–20 and by subfield for FY 2020

(Dollars in thousands)

Institution	Rank	2018	2019	2020								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Other
Furman U.	537	49	0	22	0	0	11	10	0	0	0	1
Morehead State U.	538	211	404	21	0	0	21	0	0	0	0	0
Florida Polytechnic U.	539	ne	25	20	20	0	0	0	0	0	0	0
Vassar C.	540	0	0	15	0	0	5	6	0	0	4	0
U. Arkansas, Pine Bluff	541	35	19	13	0	0	0	0	0	0	0	13
U. Louisiana, Monroe	541	0	5	13	0	0	0	0	0	0	0	13
Kenyon C.	543	66	24	12	0	0	0	0	0	0	4	8
Touro U.	543	0	0	12	0	0	0	0	0	0	0	12
Bradley U.	545	73	10	11	0	2	3	0	0	0	5	1
U. North Carolina, general administration	546	64	0	10	3	0	0	0	0	0	0	7
U. of the Virgin Islands	547	104	568	9	0	0	0	0	0	0	9	0
West Virginia School of Osteopathic Medicine	548	ne	ne	8	0	0	8	0	0	0	0	0
U. Alaska, Southeast	549	1	0	7	7	0	0	0	0	0	0	0
SUNY, C. Brockport	550	25	18	6	0	0	6	0	0	0	0	0
U. Wisconsin-Superior	550	8	0	6	6	0	0	0	0	0	0	0
U. New England	552	32	0	5	0	0	1	1	0	0	0	3
Arkansas State U., Jonesboro	553	7	39	3	1	0	0	0	0	0	1	1
Benedict C.	554	0	0	2	0	0	0	0	0	0	0	2
Northeast Ohio Medical U.	554	13	9	2	0	0	0	1	0	0	0	1
All other surveyed institutions	-	57,339	6,029	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 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 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.

^c Johns Hopkins University includes the Applied Physics Laboratory (APL), with zero imputed for total non-S&E R&D expenditures in FY 2020. 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.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2020 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.