

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
All institutions	-	1,355,900	1,491,165	1,724,799	109,626	58,280	890,786	65,170	35,110	205,510	20,717	339,600
U. Virginia, Charlottesville	1	14,801	25,882	43,949	48	16	36,587	2,193	101	0	25	4,979
U. Kansas	2	30,542	35,791	40,003	317	660	23,649	879	0	13,384	425	689
U. Washington, Seattle	3	46,225	49,224	39,722	0	5,248	18,206	3,015	50	11,578	189	1,436
U. Texas, Austin	4	24,298	29,763	39,549	1,598	2,036	21,143	538	0	7,489	40	6,705
U. North Carolina, Chapel Hill	5	20,850	30,311	35,576	835	279	8,381	280	16	11,815	139	13,831
Arizona State U.	6	17,666	20,599	35,314	3,607	201	20,481	682	70	7,487	2,786	0
Florida State U.	7	22,599	24,597	31,072	0	1,703	28,235	225	0	686	43	180
Ohio State U.	8	35,971	42,579	30,212	303	45	13,777	649	73	5,369	327	9,669
U. California, San Diego	9	27,633	12,527	29,890	3,271	319	8,746	899	0	0	93	16,562
Columbia U. in the City of New York	10	27,114	28,963	29,703	557	0	8,347	187	408	19,614	0	590
U. Missouri, Columbia	11	18,506	20,709	28,754	116	76	19,204	214	186	325	0	8,633
U. Maryland ^a	12	19,989	19,789	27,044	1,076	296	8,297	294	226	13,073	0	3,782
Washington State U.	13	17,081	23,985	26,619	4,045	1,515	19,407	616	0	569	2	465
Stanford U.	14	26,065	24,794	26,395	57	540	25,611	43	136	0	0	8
U. South Florida	15	24,086	19,061	25,518	383	189	24,041	225	0	190	63	427
Washington U., Saint Louis	16	17,410	19,218	25,299	0	0	0	231	6	25,054	0	8
Vanderbilt U. and Vanderbilt U. Medical Center	17	19,390	21,318	25,137	0	0	24,885	21	9	0	11	211
U. Wisconsin-Madison	18	15,444	19,870	23,837	0	1,608	19,805	1,276	204	21	0	923
U. Louisiana, Lafayette	19	17,648	20,572	22,635	7,971	0	9,503	4,787	0	0	125	249
Texas A&M U., College Station and Health Science Center	20	15,927	20,456	22,569	827	0	18,190	573	9	0	0	2,970
Virginia Commonwealth U.	21	19,474	21,941	22,076	0	14	20,288	276	0	441	8	1,049
U. Pennsylvania	22	16,017	19,812	21,371	912	6,956	5,428	1,281	980	0	332	5,482
Texas State U.	23	15,180	20,181	21,115	0	0	5,619	260	14,575	0	0	661
U. Southern California	24	15,153	18,166	19,884	512	438	3,033	152	179	5,111	3,169	7,290
New York U.	25	12,475	15,767	19,638	307	0	12,518	39	620	3,037	36	3,081
U. Florida	26	18,722	17,766	19,340	2,305	720	12,693	249	46	0	570	2,757
Purdue U., West Lafayette	27	17,615	17,765	18,608	1,150	533	4,534	141	0	0	21	12,229
U. California, Los Angeles	28	14,850	20,027	18,369	2,152	378	14,802	144	131	0	667	95
Georgia State U.	29	18,398	16,205	17,965	638	1,945	12,034	234	37	1,914	0	1,163
Georgia Institute of Technology	30	14,134	13,768	16,872	324	2,499	11,590	361	10	0	574	1,514
U. Illinois, Urbana-Champaign	31	12,238	13,675	16,184	692	35	3,356	268	24	2,365	135	9,309
U. California, Irvine	32	17,136	14,611	16,109	156	0	15,641	182	125	0	5	0

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(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
Michigan State U.	33	10,275	12,202	15,909	1,640	2,219	8,746	913	0	1,035	30	1,326
Pennsylvania State U., University Park and Hershey Medical Center	34	16,343	16,991	15,458	3,066	794	8,832	1,089	809	836	32	0
U. Colorado Boulder	35	15,435	15,952	15,430	1,334	765	11,686	205	0	105	0	1,335
Virginia Polytechnic Institute and State U.	36	2,442	9,161	14,747	223	86	1,443	73	0	0	0	12,922
U. Oklahoma, Norman and Health Science Center	37	12,251	13,473	14,411	174	140	12,463	15	0	432	6	1,181
U. Oregon	38	13,625	14,397	14,287	17	582	11,087	105	30	0	36	2,430
U. North Carolina, Greensboro	39	12,066	14,360	13,862	57	0	12,127	131	0	643	0	904
U. Denver	40	9,902	10,496	13,229	0	28	3,514	46	0	9,527	0	114
Florida A&M U.	41	5,092	5,534	12,405	399	0	2,640	0	576	0	0	8,790
U. Notre Dame	42	4,986	6,852	12,163	70	0	0	404	134	0	34	11,521
U. California, Berkeley	43	6,331	9,024	11,675	2,057	867	7,137	448	1,128	0	0	38
Louisiana State U., Baton Rouge	44	5,193	2,794	11,613	0	136	411	14	0	628	2,600	7,824
Montana State U., Bozeman	45	8,284	9,710	11,445	136	0	1,887	1	0	0	0	9,421
U. Utah	46	10,897	8,505	11,358	166	1,736	1,377	41	15	0	977	7,046
Rutgers, State U. New Jersey, New Brunswick	47	6,982	8,213	11,047	2,371	485	3,721	532	0	2,353	19	1,566
Harvard U.	48	7,279	8,186	10,734	0	0	8,183	2,284	267	0	0	0
Boston U.	49	5,758	6,951	10,662	209	0	7,883	15	15	2,540	0	0
Clemson U.	50	6,152	10,391	10,329	3	182	3,418	46	0	0	0	6,680
U. Michigan, Ann Arbor	51	8,958	9,046	10,014	377	0	5,880	352	0	3,165	114	126
U. West Florida	52	9,624	11,381	9,796	8,825	0	971	0	0	0	0	0
U. Alabama, Tuscaloosa	53	7,491	8,283	9,417	1,114	47	4,520	18	0	3,565	0	153
U. Minnesota, Twin Cities	54	8,249	9,022	9,355	456	58	7,049	719	269	558	0	246
U. Massachusetts, Boston	55	8,735	8,308	9,345	0	0	9,086	0	0	0	259	0
Syracuse U.	56	4,846	5,487	9,160	3,900	534	265	38	2,844	422	0	1,157
U. Georgia	57	3,604	5,838	8,973	267	414	2,486	77	39	4,265	0	1,425
Colorado State U., Fort Collins	58	7,834	6,723	8,534	19	180	4,842	2,570	307	196	221	199
San Diego State U.	59	3,086	4,624	8,223	676	48	3,748	83	0	3,065	0	603
U. Illinois, Chicago	60	7,809	8,085	8,139	93	0	2,558	2,234	0	920	6	2,328
Indiana U., Bloomington	61	5,735	7,113	7,735	144	263	3,444	322	0	0	107	3,455
Drexel U.	62	5,319	6,305	7,697	24	0	2,281	250	0	0	20	5,122
Temple U.	63	7,215	5,177	7,356	2,387	1	2,150	1	464	795	25	1,533
Northeastern U.	64	4,780	5,771	7,150	479	275	3,515	324	942	0	667	948
Boston C.	65	5,519	5,720	7,027	0	0	3,491	0	0	3,536	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
American U.	66	3,012	4,407	6,843	331	835	741	0	1,161	0	0	3,775
Florida Gulf Coast U.	67	2,057	2,474	6,802	748	0	4,155	4	0	0	0	1,895
Portland State U.	68	5,745	5,746	6,539	0	0	2,323	0	0	1,264	0	2,952
Illinois State U.	69	4,593	2,876	6,503	0	10	6,185	27	0	0	0	281
U. Arkansas, Fayetteville	70	2,860	3,164	6,479	104	0	1,887	0	35	944	3	3,506
California State U., East Bay	71	1,858	6,615	6,407	0	0	6,309	0	0	98	0	0
U. South Carolina, Columbia	72	5,702	5,779	6,281	474	63	2,208	188	38	856	7	2,447
U. California, Davis	73	4,488	5,429	6,266	1	416	3,345	105	0	0	2,399	0
U. Chicago	74	4,177	7,350	6,172	611	0	1,745	423	0	3,353	40	0
Oregon State U.	75	5,648	5,865	6,099	0	0	0	0	0	0	0	6,099
U. Iowa	76	5,148	6,812	6,085	910	352	1,702	2,686	223	206	0	6
Cornell U.	77	4,358	4,677	5,983	48	1,864	417	266	137	0	23	3,228
Florida International U.	78	4,839	4,517	5,957	3,237	0	2,499	168	0	0	50	3
Howard U.	79	536	635	5,891	1,186	4,129	516	0	0	60	0	0
U. Delaware	80	5,060	5,401	5,879	856	461	4,381	91	0	0	0	90
U. Houston	81	4,255	5,608	5,737	0	102	2,853	100	34	2,421	0	227
U. Central Florida	82	6,711	7,494	5,614	130	7	3,911	0	38	995	0	533
Yale U.	83	6,126	3,226	5,542	128	0	4,517	722	0	0	69	106
Naval Postgraduate School	84	5,489	4,316	5,289	933	236	679	0	0	0	0	3,441
Naval War C.	85	4,748	4,600	5,019	0	0	0	0	0	0	0	5,019
U. Connecticut	86	2,604	3,401	4,999	25	30	1,635	153	0	2,644	48	464
U. Nebraska, Lincoln and Medical Center ^b	87	na	na	4,809	103	7	2,448	794	15	0	23	1,419
North Carolina State U.	88	4,934	5,423	4,781	0	0	2,161	2,620	0	0	0	0
U. North Dakota	89	1,721	2,549	4,772	0	790	2,718	10	0	8	0	1,246
Rochester Institute of Technology	90	3,484	4,953	4,760	0	0	4,049	107	0	0	569	35
Massachusetts Institute of Technology	91	3,434	3,211	4,716	1,805	0	737	242	0	0	14	1,918
Iowa State U.	92	8,657	8,013	4,690	989	157	735	754	0	0	546	1,509
Morgan State U.	93	1,112	3,931	4,688	191	62	3,303	117	0	501	0	514
U. Pittsburgh, Pittsburgh	94	5,243	4,480	4,622	306	0	2,491	0	6	539	22	1,258
U. Kentucky	95	2,137	3,700	4,513	1,040	91	585	0	0	1,344	0	1,453
Northwestern U.	96	3,100	3,608	4,440	1,160	984	1,902	177	217	0	0	0
U. North Florida	97	5,350	4,449	4,413	1,270	0	3,100	0	0	0	0	43
Salisbury U.	98	2,855	3,265	4,391	629	0	2,041	39	0	1,348	0	334

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U. Montana, Missoula	99	3,846	4,961	4,374	21	108	877	0	0	2,857	0	511
U. Tennessee, Knoxville	100	2,129	3,607	4,326	300	1,532	1,368	33	0	101	0	992
George Mason U.	101	3,802	5,963	4,317	719	63	3,037	498	0	0	0	0
Wayne State U.	102	6,268	4,360	4,214	0	0	69	46	8	2,919	0	1,172
SUNY, U. Buffalo	103	3,033	3,672	4,206	44	429	3,387	304	0	12	30	0
U. Arizona	104	2,630	3,005	4,184	35	3	2,817	219	337	0	11	762
U. Massachusetts, Amherst	105	4,203	5,446	4,050	32	80	2,211	104	15	0	15	1,593
Kansas State U.	106	2,849	3,312	4,049	37	0	1,831	42	0	0	0	2,139
U. Memphis	107	4,040	3,657	4,040	29	0	1,513	0	0	248	0	2,250
George Washington U.	108	2,874	2,495	4,026	691	0	901	84	480	0	0	1,870
Southern Methodist U.	109	3,083	2,882	3,994	0	0	3,994	0	0	0	0	0
Mississippi State U.	110	2,221	3,427	3,992	3,419	0	28	0	67	0	0	478
Winston-Salem State U.	111	651	4,461	3,906	0	0	420	0	0	0	0	3,486
U. Colorado Denver	112	2,808	2,423	3,894	361	0	2,333	0	0	0	160	1,040
West Virginia U.	113	4,085	3,273	3,834	341	212	1,065	23	0	84	2	2,107
Northwest Indian C.	114	3,021	3,507	3,749	0	69	3,680	0	0	0	0	0
Auburn U., Auburn	115	771	3,220	3,748	0	0	607	242	0	0	0	2,899
Pacific U.	116	544	769	3,672	0	0	3,513	157	0	0	0	2
U. Rhode Island	117	1,931	3,072	3,606	699	616	560	603	0	464	0	664
U. Cincinnati	118	2,686	3,071	3,544	129	0	2,368	88	0	0	0	959
U. Texas, Arlington	119	2,812	3,083	3,505	126	0	939	49	0	1,065	0	1,326
U. Mississippi	120	2,831	3,168	3,492	40	3	857	2	925	0	0	1,665
North Carolina A&T State U.	121	3,920	4,297	3,415	979	0	0	0	0	292	0	2,144
Western Michigan U. and Homer Stryker M.D. School of Medicine	122	6,091	5,159	3,395	0	0	3,395	0	0	0	0	0
U. Texas, San Antonio	123	1,775	3,309	3,358	29	13	1,532	1	0	930	22	831
Johns Hopkins U. ^C	124	2,121	3,641	3,286	0	0	0	3,286	0	0	0	0
U. Toledo	125	190	2,929	3,264	156	0	2,723	3	0	300	0	82
U. North Texas, Denton	126	1,892	1,257	3,127	560	0	1,074	0	0	0	90	1,403
U. Baltimore	127	10,844	3,761	3,079	0	0	0	0	25	0	0	3,054
William & Mary	128	5,395	5,751	3,070	216	0	2,347	20	450	0	10	27
U. North Carolina, Charlotte	129	1,341	1,906	3,062	173	0	1,632	257	0	360	16	624
Rensselaer Polytechnic Institute	130	2,629	1,655	2,945	990	0	0	0	0	0	0	1,955
Providence C.	131	0	ne	2,940	0	0	2,801	0	0	0	7	132

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Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

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U. of the District of Columbia	132	1,050	1,304	2,834	220	470	256	0	0	0	0	1,888
Utah State U.	133	1,234	2,009	2,784	0	0	1,256	387	0	0	0	1,141
U. Southern Mississippi	134	1,323	2,113	2,721	101	0	226	498	0	0	0	1,896
U. California, Merced	135	1,641	2,003	2,583	51	57	349	11	0	6	0	2,109
Lehigh U.	136	1,568	2,726	2,567	91	0	2,397	71	0	0	0	8
U. New Mexico	137	2,625	2,787	2,565	382	0	1,145	46	28	0	60	904
Oklahoma State U., Stillwater	138	2,185	2,801	2,540	498	41	662	163	0	0	0	1,176
U. Nevada, Las Vegas	138	1,414	1,623	2,540	10	27	1,976	1	0	12	0	514
Case Western Reserve U.	140	780	821	2,535	266	0	2,048	0	221	0	0	0
Old Dominion U.	141	2,356	2,380	2,491	20	0	2,369	102	0	0	0	0
U. Texas, El Paso	142	1,545	2,096	2,483	52	4	1,647	134	0	511	10	125
Texas Tech U.	143	1,809	2,122	2,478	1,064	324	606	249	0	0	37	198
U. Dayton	144	966	1,308	2,437	0	0	2,283	0	0	0	113	41
Bowling Green State U.	145	2,074	2,481	2,434	0	0	2,023	4	0	0	0	407
California State Polytechnic U., Pomona	146	129	764	2,415	0	0	275	0	0	0	0	2,140
U. Maine	147	1,999	2,185	2,406	135	0	266	340	0	91	0	1,574
Wichita State U.	148	4,940	1,610	2,365	7	0	15	227	0	0	0	2,116
U. Louisville	149	5,251	2,735	2,363	0	297	704	0	0	1,362	0	0
Indiana U.-Purdue U., Indianapolis	150	1,749	2,184	2,351	115	31	599	0	0	985	0	621
Brown U.	151	3,272	2,168	2,252	0	0	1,812	179	0	0	0	261
New Mexico Institute of Mining and Technology	152	258	2,024	2,246	178	0	0	4	0	0	0	2,064
Saint Louis U.	153	783	545	2,217	0	205	1,221	368	117	306	0	0
U. New Hampshire	154	3,744	2,681	2,212	198	0	1,661	155	0	184	0	14
U. Maryland, Baltimore County	155	1,565	2,032	2,186	298	140	1,669	67	0	0	0	12
SUNY, Binghamton U.	156	1,213	1,475	2,185	496	0	671	0	0	0	0	1,018
Cleveland State U.	157	564	881	2,174	0	0	1,071	0	6	1,089	0	8
U. Ana G. Mendez, Gurabo	158	0	115	2,132	0	1,318	814	0	0	0	0	0
U. California, Riverside	159	1,702	1,481	2,098	0	0	1,769	282	0	0	47	0
CUNY, John Jay C. of Criminal Justice	160	2,769	1,615	2,059	0	0	0	23	2,036	0	0	0
SUNY, Stony Brook U.	161	1,420	1,942	2,029	4	145	191	736	0	943	0	10
U. Massachusetts, Lowell	162	1,209	1,973	2,027	99	0	0	169	0	0	0	1,759
Western U. of Health Sciences	163	600	929	2,023	0	0	2,023	0	0	0	0	0
Texas A&M U.-Corpus Christi	164	1,185	1,607	1,943	0	0	1,118	62	0	0	1	762

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Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

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Kent State U.	165	1,559	1,967	1,918	0	0	1,113	0	0	0	0	805
U. California, Santa Barbara	166	2,965	1,547	1,906	268	122	1,268	248	0	0	0	0
U. Rochester	167	1,221	2,201	1,881	95	0	1,661	0	0	0	11	114
Winthrop U.	168	816	1,914	1,847	0	0	1,846	0	0	0	0	1
U. Wisconsin-Milwaukee	169	453	555	1,722	0	0	495	0	0	261	2	964
East Carolina U.	170	3,180	2,835	1,714	146	0	872	489	0	35	0	172
U. Hawaii, Manoa	171	819	1,051	1,670	0	372	60	0	0	495	0	743
Kennesaw State U.	172	542	537	1,653	3	0	799	841	0	0	10	0
Worcester Polytechnic Institute	173	964	1,452	1,635	769	0	306	0	0	0	0	560
U. Alabama, Birmingham	174	2,081	2,556	1,620	0	0	709	0	0	0	0	911
Boise State U.	175	1,304	1,456	1,581	613	0	703	87	0	0	0	178
California State U., Bakersfield	176	660	990	1,558	34	0	1,524	0	0	0	0	0
U. Alaska, Fairbanks	177	1,982	1,813	1,496	32	8	996	3	0	0	0	457
Duke U.	178	1,586	1,587	1,437	454	0	26	153	411	0	53	340
Montclair State U.	179	1,330	1,272	1,416	0	0	621	292	0	0	0	503
U. Idaho	180	1,715	1,579	1,388	0	0	1,159	0	0	0	0	229
Miami U.	181	558	1,130	1,387	567	166	102	0	0	28	130	394
CUNY, Hunter C.	182	1,891	2,202	1,378	0	0	1,290	40	0	1	17	30
Rice U.	182	2,534	3,038	1,378	42	0	1,151	105	0	0	47	33
San Jose State U.	184	1,021	1,496	1,371	1,246	0	36	0	0	54	0	35
Northern Arizona U.	185	854	1,528	1,356	0	38	1,295	0	0	23	0	0
Loyola Marymount U.	186	831	1,038	1,344	0	0	1,057	161	0	0	0	126
California Polytechnic State U., San Luis Obispo	187	378	912	1,320	0	17	1,130	173	0	0	0	0
Fordham U.	188	963	1,472	1,316	0	24	399	60	79	754	0	0
New Jersey Institute of Technology	189	5,197	4,137	1,294	295	0	317	156	0	0	0	526
North Carolina Central U.	190	845	1,148	1,272	0	0	1,228	0	0	44	0	0
Emory U.	191	931	1,047	1,269	90	129	551	87	168	0	88	156
Florida Atlantic U.	192	1,031	924	1,252	13	0	308	0	0	61	0	870
Erikson Institute	193	772	815	1,245	0	0	1,245	0	0	0	0	0
California State U., San Bernardino	194	2,604	2,362	1,232	0	0	876	0	0	0	0	356
Rutgers, State U. New Jersey, Newark	195	1,390	1,458	1,220	1,198	0	0	22	0	0	0	0
Sul Ross State U.	196	637	911	1,185	0	0	1,038	0	0	0	0	147
Brigham Young U., Provo	197	1,825	1,792	1,176	60	0	404	602	0	0	0	110

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
U. Miami	197	369	846	1,176	0	100	809	267	0	0	0	0
CUNY, system office	199	0	34	1,173	0	0	0	0	0	0	0	1,173
Norfolk State U.	200	0	316	1,136	0	126	768	0	0	0	0	242
Embry-Riddle Aeronautical U.	201	601	1,164	1,132	20	955	0	0	0	0	0	157
Pennsylvania State U., Harrisburg	202	19	677	1,125	0	0	1,125	0	0	0	0	0
SUNY, U. Albany	203	947	1,021	1,111	450	0	582	5	0	15	0	59
U. Puerto Rico, Mayaguez	203	390	2,300	1,111	521	0	318	94	0	178	0	0
Johnson C. Smith U.	205	1,644	1,498	1,105	0	0	60	0	0	634	0	411
U. California, Santa Cruz	206	376	648	1,094	0	0	811	231	0	0	52	0
Texas A&M U.-Kingsville	207	1,443	1,391	1,089	0	0	1,089	0	0	0	0	0
Wesleyan U.	208	580	877	1,087	0	113	974	0	0	0	0	0
U. Washington, Bothell	209	1,053	864	1,083	45	0	1,038	0	0	0	0	0
La Sierra U.	210	812	972	1,066	0	0	1,066	0	0	0	0	0
U. South Alabama	211	834	1,176	1,065	0	0	1,065	0	0	0	0	0
U. Texas Rio Grande Valley	212	663	584	1,062	26	0	779	0	0	87	0	170
Lawrence Technological U.	213	32	521	1,057	1,013	0	0	0	0	0	0	44
Texas Southern U.	214	610	782	1,041	0	0	0	0	0	0	0	1,041
U. Nevada, Reno	215	1,006	727	1,040	93	0	783	8	40	116	0	0
U. Arkansas, Little Rock	216	501	632	1,004	0	0	681	0	145	0	0	178
U. Missouri, Kansas City	217	419	563	993	31	0	174	75	0	0	0	713
Louisiana Tech U.	218	194	166	984	396	0	588	0	0	0	0	0
Tennessee State U.	219	0	0	980	0	0	0	0	0	0	0	980
Catholic U. of America	220	242	159	975	0	0	55	39	93	570	0	218
California State U., Sacramento	221	1,263	762	970	0	0	872	9	0	9	0	80
Villanova U.	221	721	885	970	0	0	0	100	54	0	0	816
Princeton U.	223	570	885	963	0	9	0	801	0	0	0	153
Southern Illinois U., Edwardsville	224	1,044	621	958	39	0	0	309	19	0	219	372
U. Massachusetts, Dartmouth	225	597	923	939	0	4	935	0	0	0	0	0
Pace U.	226	1,014	1,062	904	0	0	904	0	0	0	0	0
DePaul U.	227	52	673	891	0	0	779	0	0	40	0	72
Tufts U.	228	1,587	1,414	879	0	0	566	72	0	0	0	241
Virginia State U.	229	855	1,364	873	0	0	546	0	0	0	0	327
North Dakota State U.	230	5,177	1,089	860	0	37	449	0	0	0	0	374

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
U. Vermont	231	436	336	855	0	201	554	0	0	0	0	100
U. Colorado Colorado Springs	232	261	739	845	0	0	308	0	0	0	0	537
Western Washington U.	233	327	687	817	0	17	800	0	0	0	0	0
East Stroudsburg U. Pennsylvania	234	ne	470	809	0	0	809	0	0	0	0	0
Claremont Graduate U.	235	526	961	805	0	0	805	0	0	0	0	0
CUNY, Graduate Center	236	245	1,246	799	0	0	607	190	0	2	0	0
U. Alabama, Huntsville	237	530	617	797	330	2	351	112	1	0	1	0
Arcadia U.	238	193	ne	754	0	0	754	0	0	0	0	0
U. Houston-Downtown	239	665	558	750	0	0	750	0	0	0	0	0
U. Maryland Center for Environmental Science	240	830	869	747	0	0	747	0	0	0	0	0
U. Colorado Anschutz Medical Campus	241	668	497	746	0	0	0	0	0	209	0	537
California State U., Los Angeles	242	410	459	744	0	0	641	5	0	0	0	98
California State U., Northridge	243	626	854	737	152	0	467	23	95	0	0	0
California State U., San Marcos	244	905	793	729	14	0	479	65	0	0	0	171
Kean U.	244	120	327	729	133	0	341	18	0	2	0	235
Tulane U.	246	385	554	719	0	0	0	0	0	0	0	719
U. Oklahoma, Tulsa	247	586	706	679	0	0	448	0	0	231	0	0
Fayetteville State U.	248	1,009	607	673	0	0	673	0	0	0	0	0
Loyola U., Chicago	249	969	967	666	0	0	195	0	57	134	0	280
Suffolk U.	250	0	0	660	0	0	0	0	660	0	0	0
Texas Tech U., Health Sciences Center, El Paso	251	265	588	658	0	0	653	0	0	0	0	5
CUNY, New York City C. of Technology	252	313	386	649	0	0	0	0	0	0	0	649
Texas A&M U.-Commerce	253	198	282	647	3	0	425	0	0	0	0	219
Drake U.	254	645	686	630	0	0	590	0	20	0	0	20
Carnegie Mellon U.	255	250	126	621	0	0	528	81	0	0	0	12
U. Illinois, Springfield	256	15	329	617	0	0	5	18	0	0	0	594
Dartmouth C. and Dartmouth Hitchcock Medical Center	257	886	824	613	233	0	0	273	0	0	106	1
Marquette U.	258	448	433	609	0	0	47	0	0	0	0	562
Marshall U.	259	332	494	605	10	0	595	0	0	0	0	0
Gallaudet U.	260	10	273	597	0	335	0	0	0	0	0	262
U. Washington, Tacoma	261	329	222	575	0	0	575	0	0	0	0	0
Duquesne U.	262	585	747	574	481	0	7	0	0	0	0	86
U. Guam	263	454	763	573	0	0	573	0	0	0	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
Texas A&M U.-San Antonio	264	ne	0	572	0	0	120	7	0	0	0	445
Fort Lewis C.	265	16	537	571	0	0	168	38	0	0	0	365
Santa Clara U.	266	174	411	568	34	0	519	0	0	0	0	15
U. North Carolina, Asheville	267	547	547	559	69	0	338	40	0	0	0	112
Purdue U., Northwest	268	115	550	550	0	0	180	0	0	0	99	271
U. Texas, Dallas	269	471	633	547	58	0	458	31	0	0	0	0
U. Alaska, Anchorage	270	227	440	544	0	0	409	0	0	61	0	74
Hope C.	271	35	223	542	0	0	540	0	0	0	2	0
Elizabeth City State U.	272	337	517	537	0	0	462	75	0	0	0	0
Middle Tennessee State U.	273	52	259	524	45	0	213	241	0	0	0	25
Hofstra U.	274	306	298	518	0	0	518	0	0	0	0	0
California State U., Chico	275	552	587	517	0	0	517	0	0	0	0	0
Indiana State U.	276	290	315	516	0	0	516	0	0	0	0	0
Jackson State U.	277	1,099	784	509	0	0	507	0	0	0	2	0
CUNY, City C.	278	118	568	501	0	0	32	0	289	0	0	180
South Dakota State U.	279	102	191	498	0	35	199	1	0	0	0	263
U. New Orleans	279	108	2,506	498	60	0	0	39	0	0	0	399
Northern Illinois U.	281	66	115	497	0	163	238	0	0	0	60	36
St. Cloud State U.	282	304	311	493	0	0	493	0	0	0	0	0
Bowie State U.	283	418	239	492	0	0	0	0	0	0	0	492
Ball State U.	284	370	667	484	0	29	121	0	0	52	0	282
Saint Joseph's U.	284	506	398	484	0	0	484	0	0	0	0	0
Sonoma State U.	286	0	159	480	0	0	480	0	0	0	0	0
U. Nebraska, Omaha	286	554	168	480	46	0	409	3	0	0	0	22
Colorado School of Mines	288	1,874	682	478	0	0	71	0	0	0	0	407
Stevens Institute of Technology	289	1,373	789	462	242	0	220	0	0	0	0	0
Alabama A&M U.	290	280 i	347 i	458 i	37 i	12 i	249 i	16 i	0 i	46 i	3 i	95 i
Northeastern Illinois U.	291	543	561	455	0	0	455	0	0	0	0	0
Roger Williams U.	292	230	369	451	50	0	256	0	49	0	0	96
Chapman U.	293	693	644	440	6	0	31	0	66	0	0	337
U. Tulsa	294	352	328	433	0	0	123	92	12	0	0	206
Saginaw Valley State U.	295	0 i	401 i	428 i	15 i	5 i	346 i	22 i	37 i	0 i	3 i	0 i
Western Carolina U.	296	72	265	421	0	0	42	0	0	379	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
U. Arkansas, Pine Bluff	297	0	0	419	0	0	0	193	0	226	0	0
California State U., Long Beach	298	329	607	417	0	65	292	17	0	24	0	19
New Mexico State U.	298	464	341	417	115	0	190	0	0	0	0	112
Sam Houston State U.	300	3,160	1,720	416	0	0	182	0	0	0	0	234
Nevada State C.	301	ne	0	404	0	0	404	0	0	0	0	0
CUNY, Queens C.	302	607	145	403	0	0	369	0	0	0	0	34
U. Wisconsin-Oshkosh	302	44	222	403	0	0	403	0	0	0	0	0
Prairie View A&M U.	304	251	240	385	0	0	235	24	0	0	0	126
U. San Diego	305	557	407	384	0	0	366	0	18	0	0	0
Mercer U.	306	0	0	383	0	0	359	24	0	0	0	0
California State Polytechnic U., Humboldt	307	0	0	381	0	0	381	0	0	0	0	0
Morehouse C.	308	431	608	379	201	0	0	0	0	0	175	3
Tennessee Technological U.	309	364	544	378	0	0	269	0	0	0	0	109
Georgetown U.	310	1,621	588	377	190	114	0	58	13	0	0	2
Bentley U.	311	ne	286	376	0	0	376	0	0	0	0	0
West Texas A&M U.	312	280	273	375	0	0	338	0	0	0	0	37
U. Central Arkansas	313	505	249	366	0	0	366	0	0	0	0	0
U. Northern Colorado	314	580	392	364	0	0	364	0	0	0	0	0
Clarkson U.	315	374	492	362	85	0	110	0	0	0	0	167
Ohio U.	316	116	227	347	0	0	310	0	0	0	15	22
Seattle U.	316	840	691	347	0	0	347	0	0	0	0	0
Citadel Military C. South Carolina	318	456	629	346	7	0	339	0	0	0	0	0
Georgia Southern U.	318	75	249	346	0	0	346	0	0	0	0	0
U. North Carolina, Wilmington	320	738	1,031	328	168	0	151	0	0	0	0	9
Marian U., Indianapolis	321	ne	ne	322	0	0	322	0	0	0	0	0
Appalachian State U.	322	381	195	320	0	0	0	0	0	0	0	320
U. Tennessee, Health Science Center	322	0	0	320	0	0	0	0	0	0	0	320
U. Missouri, Saint Louis	324	513	295	312	8	0	228	0	0	76	0	0
Baylor U.	325	146	344	305	0	15	231	58	0	1	0	0
U. Hawaii, Maui C.	326	110	ne	295	0	0	295	0	0	0	0	0
Texas Christian U.	327	464	189	283	0	0	25	258	0	0	0	0
San Francisco State U.	328	323	408	281	0	0	281	0	0	0	0	0
C. Charleston	329	287	180	278	85	0	152	34	0	0	7	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023									
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec	
Pepperdine U.	330	425	519	272	0	0	269	3	0	0	0	0	0
Tougaloo C.	331	0 i	238 i	269 i	17 i	0 i	151 i	14 i	0 i	21 i	0 i	66 i	66 i
Sacred Heart U.	332	572	ne	268	0	0	221	0	0	47	0	0	0
Idaho State U.	333	157	155	263	0	0	187	2	0	0	3	71	71
California Institute of Technology	334	5,387	4,294	257	0	0	0	257	0	0	0	0	0
U. of Mary Washington	334	239	264	257	149	0	0	108	0	0	0	0	0
Wake Forest U.	336	78	73	253	0	0	54	6	14	0	0	179	179
Black Hills State U.	337	76	76	252	0	0	252	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	338	116	88	251	8	0	53	0	0	79	0	111	111
Bowdoin C.	339	69	165	248	0	0	248	0	0	0	0	0	0
Reed C.	340	181 i	218 i	247 i	0 i	0 i	0 i	247 i	0 i	0 i	0 i	0 i	0 i
Florida Polytechnic U.	341	35	75	241	241	0	0	0	0	0	0	0	0
Southern Connecticut State U.	341	100	141	241	0	0	107	21	0	111	0	2	2
U.S. Military Academy	341	51	364	241	0	0	0	241	0	0	0	0	0
Towson U.	344	15	35	240	0	0	2	0	0	0	0	238	238
U. South Dakota	344	123	199	240	0	0	0	0	0	193	0	47	47
Creighton U.	346	159 i	223 i	235 i	11 i	8 i	102 i	16 i	8 i	53 i	3 i	34 i	34 i
California State U., Fresno	347	508	90	224	0	0	166	58	0	0	0	0	0
U. Central Oklahoma	348	187 i	201 i	223 i	77 i	0 i	0 i	126 i	0 i	0 i	20 i	0 i	0 i
Babson C.	349	0	29	222	222	0	0	0	0	0	0	0	0
Pennsylvania State U., Behrend	350	272	412	219	7	0	205	7	0	0	0	0	0
California State U., Dominguez Hills	351	473	1,013	210	0	0	210	0	0	0	0	0	0
Eastern Michigan U.	352	208	518	206	0	23	111	17	0	55	0	0	0
United Tribes Technical C.	353	ne	ne	200	0	0	200	0	0	0	0	0	0
Clark Atlanta U.	354	73	0	199	0	0	199	0	0	0	0	0	0
Texas Woman's U.	354	505	597	199	0	0	199	0	0	0	0	0	0
East Tennessee State U.	356	48	1	198	0	0	198	0	0	0	0	0	0
Troy U.	357	147	146	196	0	0	196	0	0	0	0	0	0
Delaware State U.	358	3,999	5,342	193	0	0	193	0	0	0	0	0	0
Lamar U.	358	716	555	193	154	0	21	0	0	0	0	18	18
Southern Illinois U., Carbondale	360	0	0	182	0	0	94	4	0	0	0	84	84
Dillard U.	361	416	430	180	0	0	90	79	11	0	0	0	0
Coastal Carolina U.	362	4	54	177	0	0	177	0	0	0	0	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021		2022		2023													
						All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec					
South Carolina State U.	362	149	i	163	i	177	177	0	0	0	0	0	0	0	0				
CUNY, Baruch C.	364	9		75		174	0	0	0	0	0	0	0	0	174				
CUNY, Lehman C.	365	776		376		166	0	0	166	0	0	0	0	0	0				
U. Nebraska, Kearney	366	41		106		159	0	31	44	0	0	0	0	0	84				
U. Puerto Rico, Rio Piedras	367	155		189		156	5	0	72	3	0	0	0	0	76				
Spelman C.	368	0		130		154	0	0	0	0	0	0	0	0	154				
Lipscomb U.	369	19		ne		150	0	0	150	0	0	0	0	0	0				
Connecticut C.	370	0		66		147	0	0	0	147	0	0	0	0	0				
U. Detroit Mercy	371	102		23		145	0	0	0	48	0	0	0	0	97				
Eastern Connecticut State U.	372	0		84		140	0	0	140	0	0	0	0	0	0				
U. Tennessee, Chattanooga	373	91		183		139	0	0	47	0	0	0	0	0	92				
U. South Carolina, Beaufort	374	ne		ne		137	0	0	0	137	0	0	0	0	0				
Williams C.	374	0	i	121	i	137	i	0	i	46	i	19	i	0	i	72	i	0	i
Northern Kentucky U.	376	1		11		136	0	0	0	130	0	0	6	0	0	0			
Texas A&M International U.	377	40		13		135	0	0	130	0	0	0	0	0	5				
James Madison U.	378	190		160		132	0	2	116	14	0	0	0	0	0				
SUNY, Cobleskill	379	ne		0		125	125	0	0	0	0	0	0	0	0				
U. Northern Iowa	380	17		0		115	0	0	115	0	0	0	0	0	0				
Southeastern Louisiana U.	381	213		211		112	112	0	0	0	0	0	0	0	0				
U. North Georgia	382	62		137		110	0	0	110	0	0	0	0	0	0				
Central Connecticut State U.	383	155		41		108	0	0	96	12	0	0	0	0	0				
Langston U.	384	190		132		106	0	0	50	0	0	22	0	0	34				
Northland C.	385	82	i	92	i	104	i	49	i	0	i	53	i	2	i	0	i	0	i
Gustavus Adolphus C.	386	ne		ne		103	0	42	61	0	0	0	0	0	0				
Grambling State U.	387	295		150	i	102	0	0	0	102	0	0	0	0	0				
Swarthmore C.	387	85		121		102	0	0	89	13	0	0	0	0	0				
U. Texas, Tyler	387	0		0		102	31	0	71	0	0	0	0	0	0				
U. Akron	390	71		21		100	69	0	0	0	0	0	0	0	31				
Trinity U.	391	0		0		99	0	4	2	93	0	0	0	0	0				
U. Alaska, Southeast	391	0		0		99	0	0	99	0	0	0	0	0	0				
Elon U.	393	0		67		98	51	0	47	0	0	0	0	0	0				
Indiana U., South Bend	394	75		ne		97	0	0	97	0	0	0	0	0	0				
Abilene Christian U.	395	70		98		95	0	0	0	95	0	0	0	0	0				

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023								
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec
U. Wyoming	396	261	127	91	0	0	9	62	0	0	0	20
Seton Hall U.	397	1,134	907	89	89	0	0	0	0	0	0	0
Lincoln U.	398	ne	ne	88	0	0	0	0	0	84	0	4
Brandeis U.	399	746	335	87	0	0	0	0	0	0	0	87
California State U., Monterey Bay	399	0	0	87	0	0	0	0	0	87	0	0
Western Kentucky U.	401	42	0	84	0	0	74	0	0	0	0	10
Colby C.	402	127	79	82	0	0	0	82	0	0	0	0
CUNY, Brooklyn C.	402	170	175	82	0	0	0	23	0	0	59	0
Alaska Pacific U.	404	2	39	81	0	0	81	0	0	0	0	0
Occidental C.	405	64	71	80	0	0	80	0	0	0	0	0
U. Texas of the Permian Basin	406	152	0	78	0	0	78	0	0	0	0	0
Michigan Technological U.	407	382	266	75	0	0	75	0	0	0	0	0
U. Richmond	408	12	13	71	0	41	0	0	0	0	20	10
U. Scranton	409	ne	ne	70	0	0	0	70	0	0	0	0
Long Island U.	410	148	63	68	0	0	0	5	0	63	0	0
Southern U. and A&M C., Baton Rouge	411	375	50	67	0	0	20	0	0	0	0	47
U. Houston-Clear Lake	412	0	0	66	0	0	66	0	0	0	0	0
Rowan U.	413	189	111	62	0	0	0	9	53	0	0	0
Florida Institute of Technology	414	663	541	60	0	0	0	0	0	0	0	60
California State U., Fullerton	415	16	12	57	0	0	54	2	0	0	1	0
St. Olaf C.	415	6	ne	57	0	0	7	50	0	0	0	0
Skidmore C.	417	0	65	55	40	0	0	0	0	0	15	0
California State U., Channel Islands	418	40	17	53	0	0	0	0	0	0	0	53
Texas Tech U., Health Sciences Center	418	34	18	53	0	0	27	0	0	0	0	26
Wellesley C.	420	0	0	51	0	0	51	0	0	0	0	0
Macalester C.	421	0	91	50	0	0	0	50	0	0	0	0
Nova Southeastern U.	421	0	61	50	50	0	0	0	0	0	0	0
Pratt Institute	421	294	228	50	0	0	0	0	0	0	0	50
U. Puerto Rico, Ponce	421	ne	ne	50	0	0	0	0	0	0	0	50
Northern Michigan U.	425	0	58	49	0	0	6	43	0	0	0	0
Smith C.	426	184	151	48	0	0	13	35	0	0	0	0
St. John's U., New York	426	19	40	48	0	0	48	0	0	0	0	0
West Chester U. Pennsylvania	426	122	19	48	10	0	38	0	0	0	0	0

TABLE 59
Federally financed higher education R&D expenditures in non-science and engineering fields, ranked by all FY 2023 non-S&E fields: FYs 2021–23 and by subfield for FY 2023

(Dollars in thousands)

Institution	Rank	2021	2022	2023									
				All non-S&E fields	Business management and business administration	Communication and communications technologies	Education	Humanities	Law	Social work	Visual and performing arts	Non-S&E nec	
Carleton C.	462	6	7	10 i	0 i	0 i	0 i	10 i	0 i	0 i	0 i	0 i	0 i
Northeast Ohio Medical U.	463	0	0	9	0	0	0	0	0	9	0	0	0
Utah Valley U.	464	ne	0	6	0	0	0	6	0	0	0	0	0
C. of Saint Benedict	465	4 i	4 i	5 i	3 i	0 i	1 i	0 i	0 i	0 i	1 i	0 i	0 i
Central Washington U.	465	0	14	5	0	5	0	0	0	0	0	0	0
William Paterson U.	465	653	578	5	0	0	5	0	0	0	0	0	0
Hamilton C.	468	27	9	4	0	0	0	4	0	0	0	0	0
SUNY, Polytechnic Institute	468	0	21	4	0	0	0	4	0	0	0	0	0
Hawaii Pacific U.	470	0	819	3	0	0	0	0	0	0	0	0	3
Xavier U. Louisiana	470	139	15	3	0	0	0	3	0	0	0	0	0
Christopher Newport U.	472	10	27	2	0	0	0	2	0	0	0	0	0
Tarleton State U.	473	0	0	1	0	0	1	0	0	0	0	0	0
U. Wisconsin-La Crosse	473	0	0	1	0	0	0	1	0	0	0	0	0
All other surveyed institutions	-	19,222	11,603	0	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.

nec = not elsewhere classified; S&E = science and engineering.

^a The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.

^b The University of Nebraska, Lincoln and Medical Center includes expenditures from the University of Nebraska, Lincoln; University of Nebraska, Medical Center; and University of Nebraska, Central Administration campuses. Due to a realignment within the University of Nebraska system that occurred on 22 June 2023, the three campuses fall under the leadership of one president. Prior to FY 2023, these 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 2023.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2023 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.