

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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	-	5,863,853	6,897,930	7,569,236	1,349,055	263,204	2,218,025	926,242	443,674	461,284	302,978	1,604,774	
Arizona State U.	1	128,398	163,241	195,560	52,797	8,623	89,657	10,776	4,803	15,966	12,938	0	
U. Pennsylvania	2	139,339	146,054	166,355	95,903	7,070	14,677	10,934	18,151	0	4,393	15,227	
Harvard U.	3	111,157	138,179	156,256	37,252	674	51,099	39,056	23,294	8	4,873	0	
U. Wisconsin-Madison	4	95,771	115,891	125,044	15,501	11,672	37,684	19,739	7,777	1,171	3,479	28,021	
U. Kansas	5	86,502	114,437	122,766	1,532	1,599	97,531	2,865	30	17,026	921	1,262	
Florida State U.	6	88,449	103,341	113,505	14,535	2,802	54,380	11,317	5,141	15,545	7,056	2,729	
U. Virginia, Charlottesville	7	70,333	95,871	113,319	6,752	589	56,825	8,766	1,096	0	762	38,529	
New York U.	8	115,115	124,024	112,924	9,355	0	31,893	21,676	30,694	6,772	2,234	10,300	
U. Michigan, Ann Arbor	9	121,582	110,536	111,250	16,943	2,034	11,859	25,531	9,071	10,238	5,075	30,499	
Virginia Commonwealth U.	10	82,129	83,203	107,804	7,990	28	30,306	18,161	0	3,140	13,759	34,420	
Vanderbilt U. and Vanderbilt U. Medical Center	11	77,399	105,876	105,309	11,126	0	62,081	2,470	8,919	0	7,878	12,835	
U. Texas, Austin	12	65,855	96,169	96,093	6,136	11,719	28,730	11,664	1,041	6,600	920	29,283	
Syracuse U.	13	77,564	85,912	93,701	25,281	8,379	7,503	14,617	12,544	1,603	4,050	19,724	
U. California, Berkeley	14	74,758	87,562	92,111	25,342	7,726	17,216	7,418	32,230	0	918	1,261	
U. Utah	15	117,635	97,729	90,164	2,004	2,486	1,790	380	1,007	0	1,342	81,155	
Clemson U.	16	59,137	66,338	83,473	3,148	468	9,296	349	0	0	35	70,177	
Purdue U., West Lafayette	17	63,268	72,281	82,288	16,413	2,194	10,601	3,016	0	0	613	49,451	
U. Georgia	18	70,657	73,671	80,453	23,035	4,012	11,722	9,455	4,971	10,171	6,176	10,911	
U. California, Los Angeles	19	65,643	75,276	80,391	21,362	4,530	38,497	7,540	4,268	0	3,953	241	
Texas State U.	20	52,359	71,212	75,878	7,758	0	12,498	5,327	41,748	0	0	8,547	
Ohio State U.	21	73,945	71,409	71,385	6,167	88	30,818	1,918	3,497	10,565	1,186	17,146	
U. South Florida	22	65,953	67,509	70,560	9,671	2,473	42,350	6,361	0	788	4,242	4,675	
Cornell U.	23	49,756	59,047	70,385	22,817	9,152	399	3,811	1,604	0	625	31,977	
Texas A&M U., College Station and Health Science Center	24	56,295	65,005	68,051	15,484	1,272	35,495	2,042	966	5	518	12,269	
U. Southern California	25	61,177	74,487	67,549	1,429	8,742	15,419	3,950	247	14,639	2,817	20,306	
U. Maryland <sup>a</sup>	26	63,141	70,305	67,279	493	523	14,205	4,242	6,876	20,644	4,934	15,362	
Columbia U. in the City of New York	27	62,587	62,808	65,562	2,825	1,974	4,855	10,253	15,155	27,493	1,982	1,025	
Georgia State U.	28	66,267	72,569	65,392	13,720	6,660	31,711	2,390	2,327	3,059	1,448	4,077	
Massachusetts Institute of Technology	29	48,875	49,982	64,801	10,577	464	37,980	1,493	0	65	13	14,209	
U. North Carolina, Chapel Hill	30	56,417	73,449	62,474	4,850	1,688	15,462	3,522	41	24,635	909	11,367	
U. Washington, Seattle	31	68,040	70,290	62,288	347	1,883	36,680	2,859	662	14,785	386	4,686	
Georgetown U.	32	44,734	52,739	61,684	18,020	595	1,078	5,042	34,138	0	0	2,811	
U. Minnesota, Twin Cities	33	42,387	51,985	60,184	22,013	355	20,265	3,838	2,363	1,134	443	9,773	
U. Oklahoma <sup>b</sup>	34	54,089	62,775	57,908	11,483	2,648	13,352	6,724	1,941	2,170	4,348	15,242	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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. Notre Dame	35	38,564	54,778	57,542	8,902	0	54	10,171	2,931	0	893	34,591	
Brigham Young U., Provo	36	4,876	46,372	57,538	16,111	134	5,829	17,186	2,569	357	3,553	11,799	
U. Florida	37	44,949	52,838	57,282	4,046	3,141	22,960	3,360	251	4	3,059	20,461	
Stanford U.	38	44,597	48,715	57,200	876	640	52,024	1,301	1,980	0	325	54	
George Washington U.	39	18,306	67,284	54,054	14,559	49	5,972	8,397	13,313	0	2,146	9,618	
Texas Tech U.	40	57,545	53,851	53,935	17,476	3,871	18,000	4,749	1,704	0	3,262	4,873	
U. Illinois, Urbana-Champaign	41	38,841	46,838	53,431	4,738	4,804	5,527	5,455	844	8,795	2,143	21,125	
Dartmouth C. and Dartmouth Hitchcock Medical Center	42	38,778	42,799	52,953	20,947	0	132	21,585	0	0	2,952	7,337	
SUNY, U. Buffalo	43	22,651	26,090	51,636	17,836	919	28,785	1,030	496	305	8	2,257	
Michigan State U.	44	39,370	55,669	50,963	6,701	6,816	17,754	4,807	0	3,494	710	10,681	
U. Louisiana, Lafayette	45	40,623	44,707	50,202	15,590	1,552	16,494	11,169	0	298	3,006	2,093	
American U.	46	35,931	40,180	50,043	961	2,428	3,060	76	6,333	0	44	37,141	
Auburn U., Auburn	47	41,056	46,129	50,019	18,279	961	3,943	6,392	0	312	0	20,132	
Baylor U.	48	14,487	23,664	49,667	10,418	1,645	3,972	26,844	0	2,031	2,651	2,106	
U. Missouri, Columbia	49	34,489	47,845	49,615	424	2,763	28,145	3,700	189	1,132	2,038	11,224	
Boston U.	50	34,597	46,736	49,528	9,654	885	17,319	9,816	4,814	5,661	675	704	
Pennsylvania State U., University Park and Hershey Medical Center	51	37,651	44,362	48,386	6,633	2,661	27,414	6,853	2,003	1,379	1,443	0	
U. Alabama, Tuscaloosa	52	40,440	41,017	47,967	17,700	3,477	9,104	5,167	2,078	1,565	2,357	6,519	
U. South Carolina, Columbia	53	44,972	47,718	47,750	9,782	563	12,497	3,649	662	2,547	1,431	16,619	
U. California, San Diego	54	26,391	53,426	46,664	3,733	819	13,226	3,315	0	0	1,299	24,272	
Indiana U., Bloomington	55	38,886	42,637	46,437	6,117	2,251	6,009	3,060	1,268	0	6,589	21,143	
San Diego State U.	56	27,673	35,318	45,631	9,615	1,689	8,150	6,874	0	6,255	2,164	10,884	
U. Texas, San Antonio	57	35,646	42,732	44,811	8,883	1,396	7,908	5,051	0	4,020	926	16,627	
U. Nebraska, Lincoln and Medical Center <sup>c</sup>	58	na	40,293	44,527	11,095	1,189	5,738	8,206	4,387	0	5,589	8,323	
Rutgers, State U. New Jersey, New Brunswick	59	30,129	38,303	44,369	3,428	1,545	13,286	4,336	0	5,555	390	15,829	
U. Colorado Boulder	60	36,566	35,426	43,958	1,337	3,045	36,652	1,431	509	360	0	624	
Oklahoma State U., Stillwater	61	35,302	38,120	43,761	19,258	2,420	2,274	5,502	0	0	1,238	13,069	
Northwestern U.	62	32,235	39,291	43,751	16,102	4,174	14,675	4,344	2,507	0	1,876	73	
Washington State U.	63	45,834	44,791	43,178	12,761	5,790	19,838	1,574	61	1,317	118	1,719	
U. Tennessee, Knoxville	64	31,439	34,040	42,256	11,940	4,612	5,536	6,849	2,857	6,141	2,579	1,742	
U. Arizona	65	30,072	34,451	40,127	12,390	1,251	6,461	9,425	3,698	0	4,487	2,415	
U. Iowa	66	33,562	36,288	38,598	9,061	1,407	14,030	6,200	872	330	371	6,327	
U. Houston	67	31,473	35,336	38,568	2,605	838	8,447	3,065	1,252	8,250	104	14,007	
U. Oregon	68	31,289	30,648	38,051	4,088	1,653	18,059	1,106	1,769	0	744	10,632	
Iowa State U.	69	24,896	32,542	37,316	20,110	776	2,798	7,629	0	0	2,205	3,798	

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(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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. California, Irvine	70	31,745	36,821	35,399	983	0	22,442	8,773	1,464	0	1,737	0	
U. North Texas, Denton	71	27,017	30,187	34,097	14,818	1,544	3,513	2,584	341	701	7,415	3,181	
Emory U.	72	20,078	17,360	34,015	797	58	0	4,899	1,356	0	2,138	24,767	
Washington U., Saint Louis	73	30,865	35,829	33,904	21	0	382	390	154	32,866	38	53	
U. Central Florida	74	35,796	28,938	33,614	14,968	1,402	7,383	4,179	309	2,218	832	2,323	
Boston C.	75	22,395	27,605	33,004	13	56	20,876	947	267	10,160	53	632	
U. Cincinnati	76	23,750	31,433	32,583	3,387	103	7,172	4,629	123	0	197	16,972	
Northeastern U.	77	20,199	30,558	31,878	6,771	3,682	6,786	2,300	4,826	0	1,952	5,561	
Georgia Institute of Technology	78	23,468	27,565	31,643	245	5,195	15,503	617	3	0	1,007	9,073	
U. Mississippi	79	29,426	28,700	31,179	12,316	571	4,227	5,001	3,760	375	1,803	3,126	
U. North Carolina, Greensboro	79	19,100	23,274	31,179	60	91	21,012	330	0	4,509	87	5,090	
Virginia Polytechnic Institute and State U.	81	18,633	24,597	29,671	4,416	3	2,968	358	0	0	489	21,437	
Florida International U.	82	31,959	25,466	29,425	11,081	1,289	5,712	5,273	1,413	398	2,670	1,589	
Kennesaw State U.	83	5,577	15,451	29,302	5,595	0	4,784	12,899	0	4,725	1,167	132	
U. Massachusetts, Boston	84	27,462	27,187	28,927	804	142	25,769	1,496	0	152	525	39	
CUNY, Graduate Center	85	3,628	23,377	28,859	1,754	5	580	20,043	0	1,288	5,189	0	
U. Delaware	86	24,548	23,965	28,839	741	2,246	10,295	12,979	0	0	2,497	81	
Montana State U., Bozeman	87	19,869	24,358	28,527	2,154	144	7,295	1,878	0	0	1,335	15,721	
U. Illinois, Chicago	88	17,810	22,085	28,127	1,532	235	4,688	9,781	22	6,837	433	4,599	
U. Arkansas, Fayetteville	89	20,062	29,354	27,420	2,195	767	7,209	110	654	1,202	152	15,131	
Illinois State U.	90	17,699	23,274	26,531	18	85	8,737	204	0	1,072	70	16,345	
George Mason U.	91	27,597	27,200	25,820	2,736	2,141	6,124	3,241	10,795	0	283	500	
Southern Methodist U.	92	20,226	22,513	25,764	4,634	4	10,719	1,409	5,027	0	3,971	0	
SUNY, U. Albany	93	24,923	24,414	25,442	5,533	1,030	6,101	6,532	0	1,522	1,255	3,469	
U. Denver	94	20,867	23,859	24,943	12	25	5,900	242	395	16,538	119	1,712	
East Tennessee State U.	95	967	22,267	24,915	281	0	1,076	0	0	0	0	23,558	
Wayne State U.	96	11,251	12,854	24,254	297	235	2,542	258	1,253	10,479	248	8,942	
North Carolina State U.	97	15,453	16,870	23,852	1,855	0	14,288	7,709	0	0	0	0	
U. Texas, El Paso	98	23,509	22,347	23,480	7,667	1,792	4,315	3,706	0	1,773	1,412	2,815	
U. North Carolina, Charlotte	99	4,862	23,809	23,322	5,112	720	5,482	4,959	0	1,070	1,298	4,681	
San Jose State U.	100	16,508	22,249	23,195	12,404	306	3,775	4,860	0	677	4	1,169	
U. Texas, Arlington	101	20,034	22,730	22,514	3,809	160	2,341	1,000	0	6,415	192	8,597	
Yale U.	102	8,568	15,454	21,551	1,219	0	6,392	9,949	524	0	360	3,107	
Carnegie Mellon U.	103	17,006	17,696	21,057	11,128	92	1,318	5,778	0	0	2,611	130	
Temple U.	104	19,912	16,351	21,012	5,567	598	6,564	659	3,917	965	462	2,280	

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				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. Nevada, Las Vegas	105	22,489	16,489	20,512	2,338	600	8,234	3,602	2	170	479	5,087	
U. Connecticut	106	10,677	14,593	20,397	642	502	3,207	1,510	85	11,219	1,109	2,123	
SUNY, Binghamton U.	107	20,383	19,194	20,315	2,004	193	3,184	9,208	0	244	2,342	3,140	
Louisiana State U., Baton Rouge	108	11,158	23,348	20,172	1,693	610	1,212	651	690	1,548	5,909	7,859	
U. Massachusetts, Amherst	109	21,731	21,006	20,027	2,145	1,036	5,728	1,876	29	0	750	8,463	
U. Louisville	110	12,133	14,407	19,994	7,524	180	3,904	942	182	2,926	861	3,475	
U. Kentucky	111	13,160	14,966	19,519	3,727	355	2,240	3,090	21	4,518	959	4,609	
Colorado State U., Fort Collins	112	11,372	14,637	19,402	364	2	7,562	4,383	154	1,063	294	5,580	
U. Memphis	113	17,033	32,482	19,184	2,002	115	5,641	437	1,022	1,347	788	7,832	
Wichita State U.	114	16,009	16,960	18,999	1,804	118	826	1,789	0	0	0	14,462	
Mississippi State U.	115	20,002	20,458	18,906	7,024	724	3,812	3,266	679	549	961	1,891	
U. Vermont	116	14,448	16,080	18,092	4,606	651	3,909	6,582	0	258	1,531	555	
Western Michigan U. and Homer Stryker M.D. School of Medicine	117	6,918	10,147	17,676	3,382	890	6,810	3,005	1,044	205	2,134	206	
U. California, Santa Barbara	118	12,454	14,915	17,662	10,382	92	5,178	1,631	0	0	291	88	
Kent State U.	119	15,735	16,693	17,549	5,106	1,672	5,122	2,376	22	0	1,026	2,225	
U. West Florida	120	24,425	23,286	17,530	13,468	35	2,718	0	54	45	2	1,208	
U. California, Davis	121	13,147	15,898	17,387	126	411	9,192	1,433	685	0	5,036	504	
Kansas State U.	122	13,919	14,655	16,933	3,545	660	4,052	1,196	0	0	1,120	6,360	
U. Texas Rio Grande Valley	123	11,699	13,155	16,775	5,973	386	3,451	2,697	0	551	1,585	2,132	
U. Texas, Dallas	124	10,177	13,762	16,771	13,157	0	1,469	1,823	0	42	56	224	
Fordham U.	125	12,878	15,569	16,584	3,265	789	980	3,433	5,876	973	4	1,264	
U. Nevada, Reno	126	15,943	18,178	16,504	5,412	836	5,063	3,058	0	372	1,763	0	
Montclair State U.	127	11,396	13,215	16,185	3,633	671	4,518	3,805	32	634	1,420	1,472	
U. North Dakota	128	11,435	13,731	16,043	1,255	911	7,417	1,976	1,988	267	784	1,445	
Johns Hopkins U. <sup>d</sup>	129	10,120	13,955	15,912	0	0	0	15,798	0	0	0	114	
Florida Gulf Coast U.	130	3,879	17,395	15,793	1,360	0	8,555	2	0	0	28	5,848	
Indiana U.-Purdue U., Indianapolis	131	7,478	14,045	15,618	2,728	147	2,512	1,050	4	5,659	875	2,643	
Florida Atlantic U.	132	3,155	9,983	15,552	4,204	0	705	1,599	0	504	0	8,540	
Tulane U.	133	15,158	16,517	15,306	96	483	0	1,136	4,895	0	1,160	7,536	
CUNY, John Jay C. of Criminal Justice	134	11,352	16,471	15,200	0	0	22	1,748	13,101	0	0	329	
Tufts U.	135	4,449	9,972	15,084	29	0	1,747	2,908	2,126	0	471	7,803	
U. Southern Mississippi	136	8,034	9,400	14,992	1,892	264	4,634	2,332	0	233	365	5,272	
Case Western Reserve U.	137	1,156	4,423	14,778	1,304	51	3,941	283	1,501	5,177	0	2,521	
West Virginia U.	138	8,001	11,421	14,664	3,593	117	1,941	591	646	245	65	7,466	
Duke U.	139	15,868	17,811	14,526	7,516	0	303	4,652	1,207	0	143	705	

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Brown U.	140	12,850	17,465	14,459	0	185	4,870	3,517	0	0	434	5,453
William & Mary	141	11,811	10,192	14,235	1,447	0	10,483	1,265	1,003	0	19	18
U. New Hampshire	142	14,692	13,387	14,180	5,017	517	3,839	3,291	0	804	586	126
Georgia Southern U.	143	12,207	12,553	14,162	4,162	271	3,697	2,828	468	15	1,432	1,289
California State U., Fullerton	144	4,242	8,931	13,893	5,992	388	1,568	4,569	0	544	404	428
U. California, Santa Cruz	145	4,989	9,544	13,681	0	0	1,232	6,566	0	0	5,240	643
U. Alabama, Birmingham	146	11,712	11,221	13,164	576	20	8,085	0	0	220	1	4,262
Rice U.	147	5,892	5,578	13,162	2,550	0	7,666	2,158	0	0	123	665
U. Chicago	148	13,451	12,443	13,141	2,846	0	3,841	813	0	5,090	0	551
Portland State U.	149	8,466	9,513	13,039	495	43	3,624	68	0	3,911	73	4,825
Chapman U.	150	12,712	13,896	12,836	210	742	2,226	258	986	0	1,499	6,915
U. Montana, Missoula	151	11,706	11,422	12,800	883	1,556	2,702	765	591	6,221	1	81
U. Pittsburgh, Pittsburgh	152	10,492	10,205	12,562	778	206	4,576	566	170	2,129	0	4,137
Princeton U.	153	16,760	17,938	12,387	0	17	2,667	8,507	0	40	226	930
U. Maryland, Baltimore County	154	9,562	11,975	12,004	437	437	2,884	5,350	0	431	1,852	613
Drexel U.	155	9,359	13,272	11,813	350	39	3,988	584	11	0	373	6,468
North Dakota State U.	156	8,936	10,955	11,554	6,974	838	1,312	0	0	0	406	2,024
CUNY, Hunter C.	157	7,692	8,108	11,511	0	0	1,241	2,849	299	481	1,096	5,545
Florida A&M U.	158	8,850	15,443	11,357	723	0	3,081	0	520	0	0	7,033
Morgan State U.	159	4,304	6,783	11,355	470	646	3,111	402	0	1,593	102	5,031
U. California, Riverside	160	5,900	8,147	11,301	2,581	22	3,463	2,021	0	0	286	2,928
U. Maine	161	10,851	11,238	11,282	1,976	794	2,047	2,220	0	938	575	2,732
Saint Louis U.	162	3,175	10,096	10,618	189	96	5,828	3,132	226	544	8	595
U. Alabama, Huntsville	163	8,906	9,928	10,184	3,116	123	5,822	731	16	2	372	2
Oregon State U.	164	5,928	6,360	9,951	0	0	4,046	0	0	0	0	5,905
CUNY, City C.	165	4,998	18,951	9,880	0	12	1,380	86	0	67	45	8,290
Eastern Michigan U.	166	3,516	2,537	9,745	1,992	45	109	1,902	123	2,434	576	2,564
U. Colorado Anschutz Medical Campus	167	2,142	6,448	9,665	0	0	211	0	0	330	0	9,124
James Madison U.	168	5,976	9,645	9,643	1,578	730	2,385	1,820	100	0	1,601	1,429
New Jersey Institute of Technology	169	11,694	8,448	9,570	4,132	0	998	1,487	0	0	0	2,953
Catholic U. of America	170	8,156	7,969	9,541	1,106	0	0	3,716	513	1,241	847	2,118
Rowan U.	171	226	6,955	9,233	2,337	1,652	1,934	2,024	649	0	551	86
Marquette U.	172	9,767	10,993	9,107	194	1,396	438	2,004	1,129	0	6	3,940
Loyola Marymount U.	173	6,745	7,270	9,078	872	78	4,377	1,588	1,500	0	101	562
U. Miami	174	4,537	8,699	9,053	4,291	250	1,976	542	1,576	0	175	243

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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	
Cleveland State U.	175	7,970	10,080	8,911	3,147	236	708	3	78	375	0	4,364	
Salisbury U.	176	6,262	8,380	8,897	1,752	105	2,933	325	3	2,548	47	1,184	
California State U., East Bay	177	11,585	15,280	8,821	211	17	8,109	29	74	207	28	146	
Ohio U.	178	4,975	8,199	8,767	3,175	60	1,925	971	0	156	708	1,772	
Texas Christian U.	179	2,926	8,428	8,736	1,646	57	3,931	1,451	0	28	1,171	452	
U. New Mexico	180	5,803	7,587	8,699	2,676	869	2,082	526	623	128	158	1,637	
U. North Florida	181	9,343	11,042	8,692	3,323	52	4,541	543	0	0	173	60	
U. Rhode Island	182	13,913	10,148	8,579	1,156	632	2,025	771	58	555	8	3,374	
Howard U.	183	948	6,714	8,366	1,965	5,441	675	0	0	285	0	0	
Nova Southeastern U.	184	3,403	3,313	8,233	4,326	0	1,006	0	2,591	0	25	285	
U. Wyoming	185	7,226	10,226	8,232	1,541	171	1,030	208	1,763	147	1,261	2,111	
U. Wisconsin-Milwaukee	186	6,317	7,142	8,223	78	380	1,656	3,052	0	1,244	126	1,687	
U. Idaho	187	3,405	7,208	8,200	626	141	2,549	856	590	0	498	2,940	
Rensselaer Polytechnic Institute	188	7,477	10,647	7,985	2,750	73	0	0	0	0	1,348	3,814	
U. Colorado Denver	189	4,957	6,059	7,903	0	152	5,333	0	87	83	0	2,248	
Winston-Salem State U.	190	4,758	3,941	7,804	268	0	7,350	0	0	0	0	186	
U. Puerto Rico, Rio Piedras	191	5,924	7,913	7,708	279	12	246	145	40	63	15	6,908	
U. California, Merced	192	4,702	7,174	7,701	614	207	647	1,500	0	302	138	4,293	
Villanova U.	193	7,073	7,785	7,451	1,640	37	808	2,255	743	0	0	1,968	
Rochester Institute of Technology	194	7,817	7,285	7,331	238	30	5,154	74	0	0	1,468	367	
North Carolina A&T State U.	195	6,482	9,786	7,275	1,853	0	2,689	0	0	260	0	2,473	
Brandeis U.	196	15,399	11,447	7,265	1,973	0	483	2,407	40	0	703	1,659	
Lawrence Technological U.	197	2,102	3,632	7,164	7,070	0	0	0	0	0	0	94	
East Carolina U.	198	8,709	6,633	7,154	2,843	40	1,510	1,369	0	175	56	1,161	
Sam Houston State U.	199	4,219	3,713	7,148	168	52	2,734	9	58	20	34	4,073	
Wake Forest U.	200	7,369	7,985	6,910	0	83	187	5,424	128	0	333	755	
U. Missouri, Kansas City	201	1,972	3,963	6,858	1,682	4	1,013	185	920	12	1,272	1,770	
Utah State U.	202	4,887	4,877	6,702	68	102	2,988	695	0	152	79	2,618	
Long Island U.	203	3,505	3,645	6,532	1,308	93	3,918	921	0	292	0	0	
Tarleton State U.	204	3,262	4,801	6,513	1,601	181	1,612	365	1,388	0	0	1,366	
U. New Orleans	204	7,222	6,979	6,513	262	0	297	1,958	0	4	445	3,547	
U. Toledo	206	4,834	5,371	6,465	92	0	4,938	27	0	793	0	615	
Louisiana Tech U.	207	5,207	6,008	6,309	3,627	220	1,399	376	0	0	557	130	
Texas A&M U.-Corpus Christi	208	4,023	4,371	6,307	11	17	1,295	14	0	0	57	4,913	
Miami U.	209	6,144	6,148	6,232	736	512	1,716	252	0	154	258	2,604	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024										
				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		
Tennessee Technological U.	210	1,150	1,743	6,157	1,667	64	1,079	42	0	0	401	2,904		
Northwest Indian C.	211	4,841	5,338	6,036	0	78	5,958	0	0	0	0	0		
U. San Diego	212	5,029	6,364	6,020	1,232	158	1,402	432	1,492	0	146	1,158		
Southern Illinois U., Carbondale	213	0	4,059	5,878	606	626	2,498	422	26	49	512	1,139		
Delaware State U.	214	5,582	725	5,855	1,781	215	3,223	158	0	477	1	0		
Marshall U.	215	2,710	4,175	5,824	1,740	0	1,950	967	0	0	0	1,167		
SUNY, Stony Brook U.	216	4,347	6,620	5,653	368	690	203	2,152	0	1,384	815	41		
Old Dominion U.	217	4,982	5,230	5,622	1,597	0	3,461	92	0	0	118	354		
High Tech High Graduate School of Ed.	218	6,203	5,939	5,585	0	0	5,585	0	0	0	0	0		
California Polytechnic State U., San Luis Obispo	219	4,155	5,277	5,521	3,130	147	1,270	957	0	0	14	3		
Bowling Green State U.	220	5,979	6,425	5,302	30	0	3,582	260	0	0	592	838		
Western U. of Health Sciences	221	1,986	3,983	5,194	0	0	5,194	0	0	0	0	0		
U. South Alabama	222	1,571	1,214	5,177	0	64	2,939	1,135	0	0	676	363		
U. San Francisco	223	578	4,831	5,142	869	769	1,557	903	34	0	785	225		
Naval Postgraduate School	224	5,161	5,719	5,067	1,250	395	961	46	0	0	0	2,415		
Naval War C.	225	4,600	5,019	5,048	0	0	0	0	0	0	0	5,048		
U. Dayton	226	2,058	3,759	5,042	295	0	4,111	40	0	319	273	4		
DePaul U.	227	2,233	6,702	4,972	455	19	932	93	79	285	220	2,889		
Benedict C.	228	ne	0	4,824	813	236	2,556	129	0	56	26	1,008		
Western Washington U.	228	3,782	3,733	4,824	256	214	2,512	1,042	0	0	386	414		
California State U., Sacramento	230	3,407	4,298	4,756	1,019	77	3,097	231	0	98	183	51		
Hofstra U.	231	2,981	3,538	4,607	966	201	882	942	1,096	0	444	76		
Pepperdine U.	232	1,082	3,468	4,289	1,668	392	732	507	352	0	124	514		
Towson U.	233	2,563	5,376	4,160	895	434	1,116	455	0	0	911	349		
U. Hawaii, Manoa	234	3,355	3,850	4,056	30	48	1,926	188	82	367	4	1,411		
National U.	235	ne	ne	4,052	0	0	4,043	0	0	0	0	9		
Tennessee State U.	236	187	6,366	3,985	0	8	1	0	0	15	0	3,961		
California State Polytechnic U., Pomona	237	909	2,688	3,901	35	0	508	0	0	0	0	3,358		
Worcester Polytechnic Institute	238	3,377	4,315	3,893	1,771	0	744	372	0	0	0	1,006		
CUNY, Brooklyn C.	239	788	1,465	3,882	212	7	295	932	0	0	605	1,831		
Rutgers, State U. New Jersey, Newark	240	5,039	4,689	3,849	2,090	0	457	208	478	67	81	468		
U. Northern Colorado	241	906	3,844	3,832	821	136	1,875	0	0	0	812	188		
U. Tulsa	242	960	4,944	3,787	894	10	411	1,392	146	0	62	872		
National Louis U.	243	ne	ne	3,756	0	0	3,756	0	0	0	0	0		
Ball State U.	244	2,528	3,271	3,751	1,107	315	568	180	0	256	213	1,112		

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024								
				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
Yeshiva U.	245	1,086	2,040	3,739	76	0	1,784	0	1,545	334	0	0
Jackson State U.	246	1,363	872	3,738	235	0	2,476	509	14	78	37	389
Prairie View A&M U.	247	3,068	3,664	3,720	82	0	1,183	148	2,278	0	0	29
Providence C.	248	ne	3,519	3,667	0	0	3,325	17	0	0	15	310
U. South Dakota	249	4,182	3,251	3,663	870	149	342	608	653	230	490	321
New School	250	6,625	6,386	3,592	104	43	1,637	294	0	421	301	792
Boise State U.	251	2,921	2,938	3,505	799	56	758	492	200	309	240	651
Northern Illinois U.	252	6,348	6,047	3,458	705	13	1,242	39	0	0	338	1,121
U. Massachusetts, Lowell	253	8,832	8,411	3,452	250	0	1,479	912	0	0	0	811
Grinnell C.	254	3,026	2,811	3,405	0	0	107	2,569	0	0	393	336
Lehigh U.	255	3,407	3,390	3,375	176	32	2,825	245	0	0	0	97
Sacred Heart U.	256	ne	2,342	3,372	1,426	58	690	656	57	244	116	125
Southern Connecticut State U.	257	2,983	4,095	3,335	1,672	158	518	366	0	223	62	336
Stevens Institute of Technology	258	1,575	1,738	3,327	390	0	975	272	0	0	0	1,690
Texas A&M International U.	259	1,785	2,315	3,282	269	73	1,046	20	0	0	9	1,865
Bryn Mawr C.	260	3,584	3,363	3,183	0	0	273	1,876	0	732	302	0
U. Missouri, Saint Louis	261	3,068	2,154	3,077	198	18	1,773	76	0	460	0	552
Clarkson U.	262	2,338	2,577	3,074	221	89	1,247	160	0	0	0	1,357
California State U., Northridge	263	1,914	2,107	3,065	400	0	1,226	184	626	420	196	13
Purdue U., Northwest	264	1,768	2,308	3,062	1,013	0	307	301	0	0	260	1,181
California State U., Bakersfield	265	2,119	2,819	3,049	365	75	1,688	35	277	5	205	399
Duquesne U.	266	3,565	2,915	2,935	798	1	1,025	69	449	0	33	560
Northern Arizona U.	267	2,397	3,054	2,909	888	35	1,819	52	21	6	65	23
Middle Tennessee State U.	268	7,900	2,919	2,890	379	75	321	1,137	0	0	869	109
West Chester U. Pennsylvania	269	2,717	2,579	2,850	535	58	425	516	0	109	236	971
CUNY, Baruch C.	270	934	1,626	2,801	1,259	51	30	222	81	636	14	508
Fairfield U.	271	ne	2,033	2,795	1,292	16	278	972	1	96	135	5
Dine C.	272	0	356	2,784	0	1,193	645	253	0	0	3	690
Michigan Technological U.	273	3,104	3,294	2,774	1,650	0	223	676	0	0	225	0
CUNY, Queens C.	274	407	776	2,731	9	348	797	928	0	0	508	141
Augusta U.	275	2,187	2,963	2,721	785	160	497	0	0	0	468	811
Suffolk U.	276	1,022	2,754	2,717	1,035	0	0	0	1,681	0	0	1
Wesleyan U.	277	2,867	3,142	2,707	0	894	693	896	0	0	192	32
Sul Ross State U.	278	1,615	2,037	2,701	0	0	1,838	0	0	0	0	863
California State U., Long Beach	279	2,026	2,836	2,671	15	46	1,045	133	0	1,130	113	189

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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. Alaska, Fairbanks	280	1,856	1,535	2,658	1,297	253	1,050	0	0	25	0	33	
Texas Tech U., Health Sciences Center	281	1,613	1,566	2,645	0	0	2,437	0	0	0	0	208	
Colorado School of Mines	282	7,540	3,007	2,630	0	0	677	0	0	0	0	1,953	
La Sierra U.	283	2,165	2,405	2,591	155	1	1,308	503	0	0	106	518	
Kean U.	284	1,341	3,785	2,590	661	193	589	418	129	19	269	312	
U. Rochester	285	2,541	3,020	2,581	3	0	2,256	139	0	0	151	32	
St. Cloud State U.	286	1,510	2,010	2,578	0	1	2,560	6	0	0	3	8	
Pacific U.	287	1,414	4,071	2,570	0	0	1,880	235	0	0	0	455	
Texas A&M U.-Kingsville	288	1,593	1,451	2,554	0	0	557	49	0	0	0	1,948	
Texas Southern U.	289	1,544	1,315	2,499	0	0	90	0	0	0	0	2,409	
Winthrop U.	290	2,263	2,206	2,474	0	2	2,453	0	0	10	7	2	
Indiana U. Pennsylvania	291	2,243	2,441	2,433	796	274	386	813	0	0	3	161	
U. Tennessee, Chattanooga	292	2,294	2,401	2,429	2,190	2	178	52	0	0	0	7	
New Mexico Institute of Mining and Technology	293	2,373	2,702	2,376	245	0	0	0	0	0	0	2,131	
New Mexico State U.	294	1,408	2,003	2,331	103	15	710	157	0	5	28	1,313	
San Francisco State U.	295	2,558	2,352	2,325	364	317	1,213	57	0	14	149	211	
Rutgers, State U. New Jersey, Camden	296	1,288	1,771	2,316	0	0	88	7	224	0	1,481	516	
Marian U., Indianapolis	297	ne	581	2,278	127	37	1,637	353	0	17	0	107	
Wellesley C.	298	1,812	1,375	2,259	0	0	1,483	209	0	0	87	480	
Creighton U.	299	1,759	1,788	2,257	561	77	550	427	0	127	90	425	
Texas Woman's U.	300	1,371	302	2,230	19	0	953	0	0	106	0	1,152	
CUNY, system office	301	40	1,978	2,220	0	0	318	0	0	0	0	1,902	
Clark Atlanta U.	302	12	207	2,195	0	0	2,195	0	0	0	0	0	
Claremont Graduate U.	303	5,562	4,564	2,157	633	0	1,524	0	0	0	0	0	
Hamilton C.	303	1,064	1,517	2,157	0	11	1,148	395	0	0	514	89	
Norfolk State U.	305	359	1,686	2,126	0	0	1,634	169	0	8	0	315	
Loyola U., Chicago	306	1,987	1,789	2,047	57	0	349	65	142	386	3	1,045	
U. Baltimore	307	3,761	3,111	2,037	0	0	1	0	12	0	0	2,024	
U. Illinois, Springfield	308	799	1,490	2,017	0	0	332	39	0	0	0	1,646	
South Carolina State U.	309	830	1,067	1,988	0	692	429	0	0	0	0	867	
SUNY, C. of Environmental Science and Forestry	310	1,281	1,364	1,960	11	0	1,626	0	0	297	0	26	
California State Polytechnic U., Humboldt	311	627	1,170	1,943	0	0	1,355	3	0	21	5	559	
U. Puerto Rico, Mayaguez	312	2,360	1,344	1,896	352	656	8	447	0	35	0	398	
Texas A&M U.-Commerce	313	1,381	2,287	1,890	167	31	606	37	0	12	53	984	
Erikson Institute	314	2,068	2,414	1,889	0	0	1,889	0	0	0	0	0	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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	
Saint Joseph's U.	315	1,732	1,660	1,835	440	0	658	9	0	0	0	728	
St. John Fisher U.	316	ne	1,589	1,824	943	31	219	523	0	0	0	108	
Trinity C., Hartford	317	147	1,491	1,818	0	0	0	1,485	0	0	193	140	
Bentley U.	318	286	1,179	1,775	956	2	261	235	117	0	40	164	
Williams C.	318	1,408	i 1,607	i 1,775	i 0	i 0	i 0	i 1,108	i 50	i 0	i 617	i 0	
Texas Tech U., Health Sciences Center, El Paso	320	1,133	1,360	1,727	0	0	1,472	0	0	0	0	255	
Western Kentucky U.	320	617	840	1,727	149	1	389	538	0	537	107	6	
Seattle U.	322	816	1,906	1,724	271	222	557	119	474	0	7	74	
Pratt Institute	323	2,325	1,558	1,709	i 0	i 0	i 0	i 0	i 0	i 0	i 0	i 1,709	
U. Central Oklahoma	324	1,685	1,991	1,700	46	0	656	72	7	0	59	860	
U. Ana G. Mendez, Gurabo	325	115	i 2,132	1,660	0	1,410	250	0	0	0	0	0	
California State U., San Marcos	326	854	789	1,653	0	0	1,442	131	0	0	0	80	
New England C. of Optometry	327	0	0	1,637	0	0	0	0	0	0	0	1,637	
Texas A&M U.-San Antonio	328	73	735	1,627	36	0	313	326	0	0	0	952	
Arcadia U.	329	ne	1,278	1,626	0	0	1,602	0	0	0	14	10	
Hartford International U. for Religion and Peace	330	ne	1,485	1,599	i 0	i 0	i 0	i 1,599	i 0	i 0	i 0	i 0	
Swarthmore C.	331	1,342	1,621	1,562	0	0	113	441	0	0	974	34	
Reed C.	332	1,685	i 1,608	i 1,528	0	0	0	499	0	0	164	865	
California State U., Los Angeles	333	519	769	1,510	75	0	709	31	0	0	0	695	
U. of the Incarnate Word	334	275	267	1,507	22	0	0	0	0	0	0	1,485	
Pennsylvania State U., Harrisburg	335	1,095	2,136	1,506	212	0	1,188	0	0	106	0	0	
U. Nebraska, Omaha	336	1,366	1,793	1,502	59	6	479	92	0	3	16	847	
Elon U.	337	865	1,225	1,497	491	264	151	320	0	0	237	34	
Missouri U. of Science and Technology	338	2,115	651	1,477	64	24	163	32	0	0	0	1,194	
Lewis and Clark C.	339	1,448	1,508	1,457	0	0	67	21	1,359	0	10	0	
Santa Clara U.	340	659	774	1,448	0	5	1,092	314	1	0	32	4	
California State U., Dominguez Hills	341	1,299	763	1,444	96	30	803	413	0	0	34	68	
Seattle Pacific U.	342	ne	ne	1,417	464	3	38	912	0	0	0	0	
Hampton U.	343	413	371	1,409	620	0	209	0	0	0	0	580	
Citadel Military C. South Carolina	344	868	571	1,372	4	22	1,309	8	0	0	0	29	
Babson C.	345	1,270	i 1,430	i 1,350	i 418	i 0	i 0	i 605	i 17	i 1	i 309	i 0	
Calvin U.	346	1,642	i 1,207	i 1,328	0	244	3	775	0	0	0	306	
Fort Lewis C.	347	573	906	1,312	0	0	81	483	0	0	0	748	
U. Washington, Bothell	348	4,831	1,536	1,305	0	0	1,082	0	0	0	0	223	
U. of the District of Columbia	349	1,304	3,286	1,288	127	0	0	0	0	0	0	1,161	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024								
				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
Arkansas State U., Jonesboro	350	73	114	1,287	554	203	67	175	0	0	145	143
U. Colorado Colorado Springs	351	981	1,272	1,276	18	23	420	62	0	50	36	667
U. North Carolina, Asheville	352	2,241	2,702	1,275	50	0	628	78	0	371	0	148
U. Southern Maine	353	200	201	1,272	0	0	2	0	0	148	0	1,122
Lipscomb U.	354	ne	1,427	1,268	390	0	647	137	0	0	10	84
East Stroudsburg U. Pennsylvania	355	550	828	1,267	7	0	1,240	0	0	0	10	10
Purdue U., Fort Wayne	356	771	1,006	1,260	0	0	111	142	0	0	65	942
California State U., Chico	357	606	766	1,242	10	36	772	7	0	0	0	417
Amherst C.	358	723	1,098	1,231	0	0	0	1,118	0	0	113	0
MGH Institute of Health Professions	359	1,177	1,226	1,229	0	0	1,229	0	0	0	0	0
John Carroll U.	360	ne	ne	1,227	0	0	680	8	0	0	0	539
Whitman C.	361	169	176	1,225	0	0	0	940	0	0	285	0
Smith C.	362	795	891	1,217	0	0	223	587	0	3	302	102
Virginia State U.	363	2,174	1,766	1,195	0	0	892	0	0	0	0	303
Franklin and Marshall C.	364	1,611	1,234	1,194	14	0	236	85	0	0	47	812
Azusa Pacific U.	365	1,498	1,801	1,189	222	66	158	662	0	78	1	2
U. Houston-Downtown	366	937	1,060	1,175	0	0	1,029	0	0	0	0	146
South Dakota State U.	367	526	936	1,163	0	2	317	68	0	0	0	776
U. South Carolina Upstate	368	ne	ne	1,141	154	0	201	24	0	0	29	733
Central Michigan U.	369	1,101	1,363	1,138	212	28	204	12	0	0	7	675
Appalachian State U.	370	888	1,088	1,081	373	0	214	154	0	113	0	227
U. Michigan, Flint	371	ne	ne	1,046	122	0	116	74	0	23	31	680
Southern Illinois U., Edwardsville	372	959	1,370	1,041	17	0	0	213	0	0	269	542
C. Charleston	373	1,192	1,024	1,032	312	9	173	184	0	0	28	326
U. Texas of the Permian Basin	374	1,203	1,208	1,026	36	6	805	179	0	0	0	0
Stephen F. Austin State U.	375	777	851	1,024	14	10	317	26	0	200	154	303
CUNY, Lehman C.	376	719	770	1,012	90	0	760	13	0	26	0	123
U. Central Arkansas	377	1,057	992	995	30	0	880	34	0	0	2	49
U. Massachusetts, Dartmouth	377	1,284	1,488	995	0	14	887	0	0	0	79	15
U. North Carolina, Wilmington	379	2,419	606	981	88	0	670	0	0	0	68	155
New Mexico Highlands U.	380	14	14	979	0	0	0	0	0	0	0	979
Barnard C.	381	295	565	975	0	0	264	484	0	0	0	227
Davidson C.	382	200	294	959	0	10	0	949	0	0	0	0
Oakland U.	382	953	790	959	169	0	748	0	0	42	0	0
U. Guam	384	773	573	945	0	0	945	0	0	0	0	0

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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	
Colgate U.	385	952	939	943	0	0	47	780	0	0	116	0	
U. Wisconsin-Oshkosh	385	501	747	943	50	25	576	88	17	0	110	77	
U. Richmond	387	323	810	927	320	109	0	307	6	0	51	134	
Roger Williams U.	388	467	858	924	110	0	193	0	245	152	3	221	
U. Wisconsin-Superior	389	14	198	914	0	0	0	0	0	0	0	914	
Alabama A&M U.	390	386	798	905	124	32	363	75	0	70	29	212	
U. North Georgia	391	783	910	903	82	0	744	77	0	0	0	0	
Seton Hall U.	392	4,535	1,396	891	0	0	891	0	0	0	0	0	
Marymount U.	393	303	735	876	220	0	485	79	0	0	0	92	
Drake U.	394	792	967	851	0	13	517	0	321	0	0	0	
Loyola U., Maryland	395	ne	ne	845	0	0	466	0	0	0	3	376	
U. Akron	396	494	747	823	120	21	0	118	158	21	129	256	
U. Washington, Tacoma	397	562	776	820	0	0	820	0	0	0	0	0	
U. Arkansas, Little Rock	398	796	1,460	819	4	0	543	110	162	0	0	0	
Manhattan C.	399	323	129	818	0	436	382	0	0	0	0	0	
Rhode Island School of Design	400	ne	ne	800	0	0	0	256	0	0	313	231	
U. Alaska, Anchorage	401	1,399	1,083	787	11	0	390	24	0	0	0	362	
Bowdoin C.	402	358	530	784	0	0	385	253	0	0	59	87	
Haverford C.	403	526	520	759	0	0	403	273	0	0	83	0	
U. Nebraska, Kearney	404	813	748	740	0	430	111	109	0	1	9	80	
Coastal Carolina U.	405	769	851	732	220	0	152	283	0	0	77	0	
U. Minnesota, Duluth	406	425	582	721	195	32	92	20	0	51	52	279	
Pace U.	407	1,370	1,361	718	199	0	199	7	176	0	0	137	
Lamar U.	408	1,082	808	715	272	69	214	64	0	30	49	17	
U. of Mary Washington	408	806	670	715	414	0	11	255	0	0	35	0	
Air Force Institute of Technology	410	0	0	713	0	0	0	0	0	0	0	713	
Dillard U.	411	524	304	711	0	0	323	88	0	74	0	226	
U. Arkansas, Pine Bluff	412	0	482	707	0	0	0	256	0	426	0	25	
U. North Carolina, general administration	413	137	ne	703	0	0	0	0	0	0	0	703	
Southeastern Louisiana U.	414	707	638	699	604	18	1	0	0	0	76	0	
Andrews U.	415	ne	568	687	0	1	8	669	0	0	0	9	
Saginaw Valley State U.	416	546	606	686	59	13	449	51	106	0	8	0	
Northeastern Illinois U.	417	561	455	683	0	0	683	0	0	0	0	0	
U. Michigan, Dearborn	418	414	592	662	150	0	39	95	0	0	0	378	
Willamette U.	419	945	724	640	61	4	0	108	282	0	0	185	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024								
				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. Houston-Clear Lake	420	88	147	638	4	0	149	11	0	0	0	474
Eastern Connecticut State U.	421	822	952	633	10	0	182	327	0	0	114	0
Trinity U.	422	581	800	607	53	50	23	450	0	0	31	0
West Texas A&M U.	422	694	570	607	0	0	19	0	0	0	0	588
Nevada State U.	424	0	404	597	0	0	597	0	0	0	0	0
Black Hills State U.	425	80	317	588	2	0	560	1	0	0	0	25
Pennsylvania State U., Behrend	426	479	547	578	126	0	330	110	0	0	12	0
U. Texas, Tyler	427	261	249	564	34	23	441	0	0	0	0	66
Furman U.	428	33	74	560	0	0	81	243	0	6	0	230
Colorado C.	429	2,119	797	551	0	4	38	389	0	0	120	0
Gallaudet U.	430	273	770	542	0	316	0	0	0	0	0	226
U. South Carolina, Beaufort	431	ne	174	541	0	1	0	72	0	0	0	468
Embry-Riddle Aeronautical U.	432	1,268	1,242	538	37	0	372	36	0	0	0	93
Troy U.	433	246	658	536	118	0	260	10	0	22	0	126
Austin Peay State U.	434	758	710	528	1	0	10	5	0	0	489	23
Middlebury C.	435	136	233	526	0	0	0	407	0	10	58	51
Bucknell U.	436	385	730	525	124	0	11	230	0	0	75	85
Carleton C.	437	687	395	518	0	0	0	281	0	0	237	0
Biola U.	438	619	633	507	0	0	0	507	0	0	0	0
California State U., San Bernardino	439	3,608	1,703	500	24	29	165	60	0	9	17	196
Indiana State U.	440	426	654	499	0	0	489	0	0	0	0	10
Pomona C.	441	262	386	493	0	0	0	349	0	0	144	0
Saint John's U.	442	406	463	487	27	11	158	175	3	0	53	60
Robert Morris U.	443	433	486	474	308	41	63	20	0	0	34	8
Christopher Newport U.	444	385	574	473	18	209	0	154	0	0	92	0
Grand Valley State U.	445	512	413	467	12	0	0	0	0	0	0	455
Mercer U.	446	149	584	460	77	0	121	0	0	0	0	262
C. of Saint Benedict	447	372	425	449	0	0	217	232	0	0	0	0
Claremont McKenna C.	448	348	442	443	0	0	0	443	0	0	0	0
CUNY, New York City C. of Technology	448	431	781	443	3	5	214	20	0	0	17	184
Auburn U., Montgomery	450	ne	ne	430	33	4	68	25	1	3	1	295
U. Maryland Center for Environmental Science	451	904	747	426	0	0	426	0	0	0	0	0
U. of St. Thomas (MN)	452	540	297	419	0	0	5	0	35	0	0	379
Western Carolina U.	452	505	532	419	0	0	103	0	0	265	0	51
Colby C.	454	449	508	404	0	0	5	297	0	0	55	47

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024											
				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			
Radford U.	454	ne	528	404	31		25		223	59	0	4	8	54	
U. California, Office of the President	456	72	265	393	0		0		0	0	0	0	0	393	
SUNY, Geneseo	457	232	246	390	34		14		13	317	0	0	11	1	
Abilene Christian U.	458	237	241	357	13		0		0	163	0	55	51	75	
California Institute of Technology	458	30,663	279	357	0	i	0	i	0	357	i	0	0	0	i
California State U., Channel Islands	460	85	201	352	72		1		158	105	0	0	12	4	
Northern Michigan U.	461	288	392	351	75		0		2	267	0	4	3	0	
U. of the Virgin Islands	461	0	0	351	0		192		61	40	0	10	0	48	
Fisk U.	463	123	2	344	0		0		344	0	0	0	0	0	
Lafayette C.	464	256	213	343	0		0		0	168	0	0	109	66	
Mount Holyoke C.	464	244	506	343	4		16		0	15	0	0	130	178	
St. Edward's U.	466	1,479	0	334	52		15		9	33	0	3	106	116	
U. Hawaii, Maui C.	467	ne	295	332	0		0		332	0	0	0	0	0	
Occidental C.	468	171	250	330	0		0		0	234	0	0	96	0	
Hobart and William Smith Colleges	469	144	117	326	14		39		14	158	0	0	92	9	
Morehouse C.	470	608	379	319	249		0		0	0	0	0	2	68	
SUNY, Oswego	470	24	110	319	8		11		11	0	0	0	36	253	
U. Hawaii, Hilo	472	46	14	309	78		0		0	229	0	0	0	2	
California State U., Stanislaus	473	83	76	305	45		0		160	72	0	1	12	15	
St. Bonaventure U.	474	ne	ne	302	1		0		95	205	0	0	0	1	
Vassar C.	475	366	170	287	0		0		9	211	0	0	67	0	
U. North Texas, Dallas	476	ne	ne	281	0		0		0	0	162	0	0	119	
Macalester C.	477	268	260	280	0		0		0	147	0	0	133	0	
U. Wisconsin-La Crosse	478	164	360	276	43		3		0	90	0	0	8	132	
St. John's U., New York	479	347	237	274	0		8		58	23	18	0	0	167	
Western Illinois U.	480	145	260	273	0	i	0	i	165	0	i	0	0	108	i
Dickinson C.	481	ne	ne	271	13		0		7	181	0	0	70	0	
Spelman C.	482	277	319	255	0		0		0	0	0	0	0	255	
CUNY, C. Staten Island	483	347	820	250	20		3		62	52	0	0	24	89	
Johnson C. Smith U.	484	2,291	1,153	249	0		0		42	0	0	0	0	207	
California Lutheran U.	485	0	ne	247	0		4		140	55	0	0	48	0	
Eastern Kentucky U.	486	ne	250	245	0		0		90	1	0	58	0	96	
Midwestern State U.	487	ne	ne	244	104		0		20	29	0	0	42	49	
U. Northern Iowa	488	43	228	243	0		0		186	5	0	45	0	7	
California State U., Fresno	489	541	602	239	0		0		239	0	0	0	0	0	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024									
				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	
Minnesota State U., Mankato	489	40	344	239	17	0	22	0	0	0	6	194	
SUNY, Polytechnic Institute	491	161	180	225	0	0	0	225	0	0	0	0	
Bates C.	492	91	82	223	0	0	46	102	0	0	75	0	
Idaho State U.	492	254	293	223	2	0	138	21	0	0	26	36	
Indiana U., South Bend	494	ne	520	221	0	0	2	3	0	1	17	198	
U. New Haven	494	147	138	221	64	7	150	0	0	0	0	0	
Illinois Institute of Technology	496	81	187	216	51	0	58	0	0	0	0	107	
Sonoma State U.	497	318	640	207	0	5	56	124	0	0	10	12	
U. Wisconsin-Green Bay	498	197 i	195 i	205 i	40 i	8 i	64 i	28 i	0 i	13 i	0 i	52 i	
Denison U.	499	ne	ne	203 i	0 i	16 i	0 i	93 i	0 i	0 i	26 i	68 i	
U. South Carolina, Aiken	500	639	1,010	202	95	0	2	85	0	0	0	20	
Wheaton C., Wheaton	500	ne	270	202	0	0	47	155	0	0	0	0	
C. Wooster	502	274	193	201	0	25	0	144	0	0	23	9	
Skidmore C.	503	129	152	199	68	0	14	0	0	0	47	70	
Liberty U.	504	ne	215	190	0	30	0	47	11	0	8	94	
New York Institute of Technology	505	78	12	187	2	0	0	14	0	0	0	171	
U. Scranton	505	ne	202	187	30	0	0	157	0	0	0	0	
U. Wisconsin-River Falls	505	ne	232	187	0	0	12	0	0	0	0	175	
Franklin W. Olin C. of Engineering	508	174	138	182	0	0	182	0	0	0	0	0	
California State U., Monterey Bay	509	61	129	181	0	0	29	0	0	131	8	13	
Weber State U.	510	ne	ne	180	0	0	180	0	0	0	0	0	
U. Wisconsin-Eau Claire	511	34	66	176	28	0	26	30	0	49	0	43	
Union C., Schenectady	512	170	217	174	0	0	0	123	0	0	51	0	
United Tribes Technical C.	513	ne	216	173	0	50	101	22	0	0	0	0	
U.S. Air Force Academy	514	2	126	170	103	0	0	6	0	0	0	61	
CUNY, Graduate School of Public Health and Health Policy	515	0	0	167	63	0	104	0	0	0	0	0	
Thomas Jefferson U.	515	6	21	167	0	0	0	33	70	0	0	64	
Florida Institute of Technology	517	778	241	165	0	0	0	0	0	0	0	165	
Gettysburg C.	518	ne	176	162	1	0	0	92	0	0	59	10	
Keene State C.	519	ne	ne	161	18	0	25	0	0	0	0	118	
Clark U.	520	243	246	159	0	0	20	0	0	0	0	139	
U.S. Military Academy	521	402	246	155	0	0	0	105	0	0	0	50	
Elizabeth City State U.	522	544	641	154	0	0	140	14	0	0	0	0	
Lincoln Memorial U.	523	ne	19	147	0	0	0	5	0	3	0	139	
Oberlin C.	524	ne	197	142	0	2	0	62	0	0	55	23	

**Table 23. Higher education R&D expenditures at institutions in the standard form survey population in non-science and engineering fields, ranked by all FY 2024 non-S&E fields: FYs 2022–24 and by subfield for FY 2024**

(Dollars in thousands)

Institution	Rank	2022	2023	2024																		
				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										
Fayetteville State U.	525	1,461	102	i	136	135	0	0	0	0	0	0	0	1								
U. Detroit Mercy	526	94	156		134	5	1	0	110	0	0	0	0	18								
Des Moines U.	527	227	114		118	0	0	19	0	17	0	0	0	82								
Kentucky State U.	528	4	0		113	0	0	0	0	0	0	0	0	113								
Albany C. of Pharmacy and Health Sciences	529	0	173	i	109	0	0	0	0	0	0	0	0	109								
Central Washington U.	529	42	34		109	67	0	36	0	6	0	0	0	0								
U. Alaska, Southeast	531	0	99		108	0	0	108	0	0	0	0	0	0								
Alaska Pacific U.	532	39	81		102	0	0	52	0	0	0	0	0	50								
Northern Kentucky U.	533	111	353		92	18	0	1	16	6	12	39	0	0								
Harvey Mudd C.	534	55	49		90	0	0	0	90	0	0	0	0	0								
Monmouth U.	535	10	104		89	9	0	47	18	0	0	0	0	15								
New C. Florida	536	ne	73		88	0	0	0	78	0	0	10	0	0								
C. New Jersey	537	163	63		86	0	1	62	8	0	0	15	0	0								
Touro U., New York <sup>e</sup>	537	ne	5		86	0	0	7	0	0	0	0	0	79								
Southern Utah U.	539	ne	ne		84	0	0	0	0	0	0	0	0	84								
Missouri State U.	540	6	0		83	0	0	0	0	0	0	0	0	83								
Eckerd C.	541	ne	ne		80	0	0	80	0	0	0	0	0	0								
U. Minnesota, Rochester	542	ne	ne		75	0	0	48	0	0	0	0	0	27								
Merrimack C.	543	ne	95		74	15	27	32	0	0	0	0	0	0								
Stockton U.	544	0	0		72	26	0	0	0	0	46	0	0	0								
Bryant U.	545	ne	101		71	49	0	0	19	3	0	0	0	0								
Butler U.	546	198	126		70	0	29	0	9	0	32	0	0	0								
Langston U.	547	233	174		69	0	0	0	0	0	15	0	0	54								
St. Olaf C.	547	ne	177		69	0	0	6	37	0	0	4	0	22								
Ferris State U.	549	ne	64		64	0	0	64	0	0	0	0	0	0								
U. Virginia's C. Wise	549	1,721	680		64	0	0	62	0	0	0	0	0	2								
Kenyon C.	551	69	46		59	0	0	0	50	0	0	9	0	0								
U. Puget Sound	551	62	116		59	0	0	0	46	0	0	6	0	7								
High Point U.	553	ne	ne		58	i	15	i	3	i	18	i	12	i	8	i	0	i	2	i	0	i
Virginia Military Institute	554	60	127		56	0	0	0	56	0	0	0	0	0								
Teachers C., Columbia U.	555	57	233		54	0	0	0	0	0	0	0	0	54								
CUNY, York C.	556	107	128		51	3	0	5	13	0	0	14	0	16								
Connecticut C.	557	192	488		49	0	0	0	2	0	10	0	0	37								
Hope C.	558	859	1,828		48	4	0	1	8	0	0	35	0	0								
Pennsylvania State U., Altoona	559	ne	62		46	0	0	12	34	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.

<sup>a</sup> 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.

<sup>b</sup> The University of Oklahoma includes expenditures from the University of Oklahoma, Tulsa and University of Oklahoma, Norman and Health Science Center campuses. Due to a reorganization, the campuses began reporting as one unit in FY 2024.

<sup>c</sup> 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.

<sup>d</sup> Johns Hopkins University includes the Applied Physics Laboratory (APL), with zero imputed for total non-S&E R&D expenditures in FY 2024. 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.

<sup>e</sup> Touro University, New York includes the Lovelace Biomedical Research Institute. In FY 2023, the Lovelace Biomedical Research Institute joined the Touro University System.

**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2024 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 5.

**Source(s):**

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