

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	24,492,663	652,629	680,423	13,333,506	248,527	1,313,681	397,720	1,253,436	482,517	3,031,767	3,098,457
U. Michigan, Ann Arbor	1	612,187	6,683	7,364	291,858	12,748	20,691	10,896	84,704	1,743	68,813	106,687
U. Pennsylvania	2	562,094	10,912	927	344,762	4,042	16,566	4,123	28,548	3,305	42,954	105,955
U. Wisconsin-Madison	3	463,759	4,818	19,927	310,309	1,132	15,936	2,522	21,444	9,466	34,724	43,481
U. California, San Francisco	4	438,949	0	0	427,360	0	11,589	0	0	0	0	0
Ohio State U.	5	424,790	4,596	2,993	296,361	2,420	15,603	4,704	12,943	20,626	43,727	20,817
Harvard U.	6	415,763	5,964	7,126	188,640	3,098	32,349	2,760	58,224	5,990	36,890	74,722
U. Minnesota, Twin Cities	7	345,240	18,775	2,847	236,161	1,388	8,678	6,803	9,774	1,967	30,866	27,981
Yale U.	8	343,754	2,094	3,472	290,882	1,284	20,831	3,879	9,334	64	9,053	2,861
U. North Carolina, Chapel Hill	9	343,102	4,492	5,724	267,503	967	9,978	14,519	12,061	234	9,747	17,877
U. Maryland ^a	10	334,100	22,554	5,021	202,334	808	20,435	881	15,392	30	36,863	29,782
U. Florida	11	327,074	4,309	4,148	254,599	523	14,453	2,081	4,149	7	25,383	17,422
Texas A&M U., College Station and Health Science Center	12	315,112	5,401	15,582	121,003	1,989	15,988	2,588	8,470	2,328	125,814	15,949
Vanderbilt U. and Vanderbilt U. Medical Center	13	301,424	982	858	189,398	560	11,232	6,972	17,845	0	22,330	51,247
New York U.	14	296,131	2,010	132	219,885	2,524	1,909	2,443	9,726	321	8,367	48,814
Baylor C. of Medicine	15	292,730	0	0	292,730	0	0	0	0	0	0	0
Michigan State U.	16	291,592	8,034	3,248	134,273	4,646	49,441	4,449	17,854	12,316	38,255	19,076
U. California, Los Angeles	17	287,147	1,495	2,981	189,110	621	7,487	2,054	30,942	18,527	11,229	22,701
Arizona State U.	18	282,983	2,928	12,302	41,006	1,386	9,847	4,864	41,639	50,695	58,125	60,191
U. Pittsburgh, Pittsburgh	19	281,033	3,275	2,174	232,423	910	10,291	3,099	1,001	6,321	17,098	4,441
Indiana U., Bloomington	20	272,216	11,051	5,756	167,868	390	10,034	4,925	27,490	11,187	4,228	29,287
Northwestern U.	21	262,434	2,187	413	158,663	564	32,018	1,551	8,940	10,449	23,726	23,923
U. Arizona	22	254,878	6,044	10,868	139,221	895	33,312	1,047	10,795	4,054	24,146	24,496
Emory U.	23	252,545	2,434	433	214,794	103	10,678	913	3,462	0	3,402	16,326
Cornell U.	24	250,308	4,827	855	155,301	354	19,288	3,255	10,870	0	29,979	25,579
U. Georgia	25	237,894	3,276	8,383	105,179	4,804	5,972	9,393	17,007	11,706	9,264	62,910
U. Texas M. D. Anderson Cancer Center	26	231,583	0	0	208,448	1,764	7,034	8,559	5,778	0	0	0
Purdue U., West Lafayette	27	227,592	5,601	2,269	105,849	1,077	11,870	2,100	6,655	791	70,847	20,533
Virginia Polytechnic Institute and State U.	28	225,690	11,457	1,558	87,533	5,081	7,845	2,035	6,758	14	95,655	7,754
Rockefeller U.	29	225,209	8,486	124	212,933	1,157	2,509	0	0	0	0	0
U. Utah	30	221,473	1,278	5,951	98,038	41	67	29	1,212	0	7,699	107,158
U. Iowa	31	220,605	1,144	1,035	164,141	160	4,485	2,347	1,967	1,885	19,656	23,785
U. Illinois, Urbana-Champaign	32	215,146	27,362	295	92,997	835	16,497	3,853	3,116	14,802	39,895	15,494

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Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. California, San Diego	33	213,400	3,982	24,131	115,512	1,142	10,092	1,359	8,834	1,258	39,591	7,499
U. California, Davis	34	211,277	272	14,053	138,998	145	8,672	483	14,322	10,137	20,826	3,369
U. California, Berkeley	35	210,324	1,854	1,552	65,177	1,154	18,626	3,277	32,066	19,804	34,099	32,715
Pennsylvania State U., University Park and Hershey Medical Center	36	207,630	8,828	7,780	75,072	1,146	15,132	2,881	15,743	0	66,527	14,521
U. Southern California	37	201,486	2,559	3,940	160,928	80	1,958	131	9,089	0	4,039	18,762
U. Virginia, Charlottesville	38	187,912	2,897	1,260	133,211	399	4,560	1,438	6,771	790	16,094	20,492
Boston U.	39	187,662	7,413	1,914	92,153	1,404	11,966	7,573	7,227	5,526	30,665	21,821
U. Missouri, Columbia	40	181,090	1,765	475	98,717	332	2,482	2,167	3,563	983	59,352	11,254
Virginia Commonwealth U.	41	173,811	5,333	31	96,956	116	352	1,112	3,454	0	13,886	52,571
U. Alabama, Birmingham	42	172,809	1	2	155,530	0	700	3,615	3	0	7,139	5,819
Stanford U.	43	169,346	2,809	4,885	126,610	340	5,855	2,329	4,627	130	14,328	7,433
Duke U.	44	167,200	506	1,340	133,814	1,252	1,336	2,045	7,055	274	12,986	6,592
U. Texas Southwestern Medical Center	45	166,635	0	0	166,635	0	0	0	0	0	0	0
Scripps Research Institute	46	164,488	0	0	164,488	0	0	0	0	0	0	0
U. Cincinnati	47	161,967	1,528	400	107,505	840	4,480	712	3,047	333	25,946	17,176
Johns Hopkins U. ^b	48	158,738	8,063	4,925	87,185	3,571	10,969	564	302	1,755	41,336	68
Dartmouth C. and Dartmouth Hitchcock Medical Center	49	156,384	11,956	6,558	49,215	5,501	13,670	4,935	16,223	1,784	9,217	37,325
Washington U., Saint Louis	50	154,896	251	458	143,010	95	3,363	614	328	634	1,969	4,174
Florida State U.	51	152,444	5,764	6,165	27,736	4,750	16,831	6,635	13,495	4,470	13,958	52,640
U. Texas, Austin	52	151,594	7,740	24,041	35,143	4,745	18,610	1,202	5,138	2,360	38,524	14,091
Rutgers, State U. New Jersey, New Brunswick	53	149,889	2,214	11,330	89,576	3,697	12,396	2,332	4,669	2,364	9,770	11,541
U. South Florida ^c	54	146,620	4,518	7,454	51,988	2,336	5,304	4,473	12,060	948	15,475	42,064
North Carolina State U.	55	145,171	5,825	6,873	77,390	3,047	5,430	272	2,807	7,408	33,164	2,955
Auburn U., Auburn	56	143,876	3,276	2,441	46,816	3,327	9,012	2,760	2,456	1,464	38,781	33,543
U. Delaware	57	142,398	1,271	11,222	39,251	4,120	21,716	5,445	14,819	4,201	22,884	17,469
U. Oklahoma, Norman and Health Science Center	58	140,592	2,032	13,721	51,359	2,009	7,261	530	8,077	0	18,097	37,506
Louisiana State U., Baton Rouge	59	138,650	3,238	19,668	49,347	4,763	15,794	461	1,299	10,940	27,255	5,885
U. Tennessee, Knoxville	60	138,287	2,959	747	49,570	1,990	7,338	3,083	7,169	9,762	29,134	26,535
U. Kentucky	61	137,897	1,656	1,167	93,328	222	976	533	1,438	15,705	16,389	6,483
U. Nebraska, Lincoln	62	134,864	5,774	1,367	50,028	2,655	8,861	5,518	6,339	569	21,138	32,615
Iowa State U.	63	134,050	2,892	1,618	53,412	6,410	6,447	2,188	4,040	130	41,185	15,728
Icahn School of Medicine at Mount Sinai	64	132,627	0	0	132,627	0	0	0	0	0	0	0
U. Illinois, Chicago	65	131,574	2,365	356	92,557	1,993	5,263	1,496	4,885	5,164	11,845	5,650

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Carnegie Mellon U.	66	123,903	36,267	0	4,747	9,033	9,866	1,222	9,295	960	36,891	15,622
SUNY, U. Buffalo	67	122,816	11,112	1,396	77,504	906	3,651	1,036	3,928	0	18,882	4,401
Texas Tech U.	68	121,050	3,513	2,563	31,309	2,895	10,077	5,465	8,225	0	19,095	37,908
Florida International U.	69	120,737	7,502	4,828	36,261	1,721	13,956	9,276	11,819	1,422	12,404	21,548
U. Kansas	70	120,620	1,163	6,000	69,676	44	2,689	2,248	626	9,663	4,523	23,988
Massachusetts Institute of Technology	71	117,128	20,029	3,430	13,146	1,083	18,250	92	3,716	2,243	50,911	4,228
U. Washington, Seattle	72	117,096	2,478	6,451	80,748	116	3,053	945	1,522	15	16,840	4,928
U. California, Irvine	73	115,832	6,439	1,485	60,096	1,668	6,066	2,979	5,511	569	19,859	11,160
Columbia U. in the City of New York	74	113,189	1,316	5,170	80,428	603	6,114	410	3,140	0	5,096	10,912
Georgia State U.	75	112,773	3,195	985	34,131	1,288	7,335	5,445	20,358	0	0	40,036
SUNY, Polytechnic Institute	76	110,878	0	0	0	0	0	0	0	0	110,878	0
U. Houston	77	107,699	2,461	3,300	13,694	2,150	43,332	4,177	1,470	0	20,631	16,484
Oklahoma State U., Stillwater	78	106,925	2,654	2,178	31,316	3,638	4,955	4,999	6,005	6,057	15,031	30,092
U. Connecticut	79	103,966	1,316	3,327	58,052	468	2,464	8,078	4,141	1,470	20,043	4,607
Washington State U.	80	103,067	2,455	2,584	55,086	166	5,284	1,374	4,568	837	15,165	15,548
Medical C. Wisconsin	81	102,906	0	0	100,736	0	0	0	0	0	2,170	0
Princeton U.	82	102,851	4,498	2,889	24,397	6,064	24,522	1,486	19,978	0	11,681	7,336
Syracuse U.	83	101,347	3,348	1,409	5,536	2,070	5,610	2,393	12,786	131	11,163	56,901
Temple U.	84	99,543	2,952	655	68,147	2,148	6,128	3,092	4,609	486	2,189	9,137
U. Miami	85	97,990	74	7,758	82,330	259	370	1,966	776	61	1,196	3,200
U. South Carolina, Columbia	86	95,360	1,526	4,812	29,418	2,557	2,332	3,032	9,492	34	10,769	31,388
Clemson U.	87	95,211	3,350	0	25,700	568	3,348	411	984	0	25,413	35,437
SUNY, Binghamton U.	88	94,515	5,151	1,498	12,607	3,127	8,109	7,039	20,718	0	17,475	18,791
U. Notre Dame	89	94,156	5,989	0	9,615	1,958	15,656	981	4,050	4,124	35,328	16,455
SUNY, Stony Brook U.	90	88,630	1,192	10,052	45,988	1,911	8,913	1,265	1,361	9,886	6,034	2,028
U. Central Florida	91	82,434	6,683	1,932	13,532	2,729	10,859	3,091	5,997	618	14,499	22,494
U. Vermont	92	82,412	2,040	1,183	48,366	1,781	1,848	2,557	6,220	414	5,012	12,991
Georgetown U.	93	81,692	1,758	0	44,893	191	3,399	474	9,124	0	0	21,853
West Virginia U.	94	79,689	323	2,023	49,834	204	3,828	580	1,764	747	17,979	2,407
U. Massachusetts, Amherst	95	79,588	7,679	1,415	27,719	834	6,528	2,303	2,629	338	19,077	11,066
U. Nevada, Reno	96	78,594	212	8,102	25,006	1,351	4,052	2,486	3,310	3,021	16,296	14,758
Wayne State U.	97	78,061	535	13	56,730	0	6,448	421	717	5,570	4,424	3,203
Medical U. South Carolina	98	76,566	0	0	76,566	0	0	0	0	0	0	0

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Uniformed Services U. of the Health Sciences	99	75,736	0	0	70,433	0	0	5,303	0	0	0	0
U. Hawaii, Manoa	100	75,287	301	21,394	35,803	27	8,666	76	679	1,085	5,714	1,542
Albert Einstein C. of Medicine	101	73,665	0	0	73,665	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	102	73,435	3,500	3,152	10,421	978	1,723	2,284	9,632	58	12,017	29,670
Kansas State U.	103	72,772	1,591	569	34,801	2,264	3,417	1,164	4,249	5,533	11,933	7,251
U. Arkansas for Medical Sciences	104	71,431	0	0	71,431	0	0	0	0	0	0	0
North Dakota State U.	105	71,056	2,227	438	42,939	1,334	2,496	929	4,701	1,012	7,271	7,709
SUNY, U. Albany	106	71,042	4,613	8,657	8,992	1,997	3,971	2,874	13,776	0	2,849	23,313
U. New Mexico	107	67,949	970	419	43,055	38	1,119	1,509	4,844	6,486	6,897	2,612
George Washington U.	108	67,384	4,704	9	32,246	190	1,067	322	7,793	1,759	8,080	11,214
Colorado State U., Fort Collins	109	65,700	451	5,697	42,498	145	844	211	2,305	5,900	4,750	2,899
San Diego State U.	110	64,484	1,176	990	12,185	2,180	2,698	4,304	3,982	7,108	7,724	22,137
U. Texas, San Antonio	111	64,443	4,354	1,539	7,718	1,563	4,014	2,673	5,966	784	10,677	25,155
Thomas Jefferson U.	112	63,739	0	0	63,739	0	0	0	0	0	0	0
U. Louisville	113	63,606	0	11	46,745	385	1,872	826	739	271	5,901	6,856
Rice U.	114	63,401	2,917	1,116	5,890	1,908	8,963	1,055	10,978	131	28,503	1,940
New Jersey Institute of Technology	115	62,576	6,797	0	6,527	3,240	8,209	0	4,765	0	27,388	5,650
Georgia Institute of Technology	116	62,025	14,522	160	3,812	11	1,175	10	2,574	0	33,495	6,266
U. North Texas, Denton	117	61,728	6,337	299	11,132	0	4,885	1,982	3,633	0	8,496	24,964
U. Mississippi	118	61,653	147	66	20,543	226	3,930	1,799	4,607	623	4,020	25,692
Mississippi State U.	119	60,534	1,595	1,645	34,800	90	2,930	269	4,974	1,240	10,629	2,362
Texas State U.	120	60,338	338	4,909	11,152	163	1,685	611	6,558	1,959	6,570	26,393
U. Maine	121	60,064	1,318	9,094	13,087	634	2,633	970	1,190	6,426	17,120	7,592
U. Arkansas, Fayetteville	122	59,522	2,561	958	25,379	30	4,126	745	1,519	0	13,304	10,900
U. Nevada, Las Vegas	123	59,398	710	2,250	16,978	2,178	3,573	1,223	6,254	1,003	6,869	18,360
U. Wyoming	124	58,184	821	3,588	11,428	1,012	1,084	819	4,025	19,572	9,221	6,614
U. California, Santa Barbara	125	57,814	3,584	8,652	3,904	61	9,668	464	4,535	2,700	15,097	9,149
U. Texas Health Science Center, San Antonio	126	57,408	0	0	57,408	0	0	0	0	0	0	0
U. New Hampshire	127	56,891	859	8,621	21,164	1,040	2,628	561	3,391	0	7,288	11,339
Brown U.	128	56,819	3,251	2,101	23,734	2,686	5,436	154	6,177	1,452	5,344	6,484
George Mason U.	129	55,812	2,139	975	15,926	804	994	1,160	20,370	16	3,623	9,805
Northeastern U.	130	55,478	8,900	1,292	9,400	501	5,220	1,743	2,619	0	14,443	11,360
U. Oregon	131	55,247	1,460	602	27,879	25	4,238	1,460	1,989	2,047	412	15,135

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Montana State U., Bozeman	132	55,164	807	1,661	21,045	1,344	5,133	362	1,044	5,484	8,900	9,384
U. Texas Health Science Center, Houston	133	55,120	0	0	55,120	0	0	0	0	0	0	0
California Institute of Technology	134	54,587	1,506	5,561	7,851	88	15,127	0	0	0	8,147	16,307
U. Texas Medical Branch	135	53,371	0	0	52,310	0	0	0	0	0	1,061	0
U. Rochester	136	53,315	498	298	45,952	0	2,134	1,090	124	872	2,061	286
Case Western Reserve U.	137	53,133	181	45	44,890	5	2,151	132	120	90	5,218	301
Augusta U.	138	51,995	57	0	48,891	29	64	85	689	0	0	2,180
Tulane U.	139	51,561	261	1,314	29,170	501	1,228	582	2,328	0	1,882	14,295
U. California, Riverside	140	51,532	672	4,006	35,818	326	991	430	2,306	504	3,399	3,080
U. Massachusetts, Medical School	141	49,909	0	0	49,909	0	0	0	0	0	0	0
U. Montana, Missoula	142	48,353	735	2,101	17,524	424	1,851	436	18,567	0	0	6,715
U. Colorado Anschutz Medical Campus ^d	143	47,955	0	10	47,473	0	40	11	66	0	45	310
Rensselaer Polytechnic Institute	144	47,193	4,054	689	2,770	1,693	7,910	1,191	1,421	0	22,303	5,162
U. Colorado Boulder	145	46,096	650	1,323	5,712	96	7,627	1,071	2,490	166	15,954	11,007
Oregon Health and Science U.	146	45,950	0	0	42,384	0	0	2,078	0	0	1,356	132
U. North Dakota	147	44,072	1,099	2,488	14,273	348	1,895	1,382	1,414	110	12,318	8,745
U. Louisiana, Lafayette	148	42,605	4,264	1,276	6,434	1,879	3,045	50	123	0	12,441	13,093
U. Texas, El Paso	149	41,654	1,256	1,491	7,403	1,219	2,845	1,520	1,717	675	9,354	14,174
U. Chicago	150	40,734	582	186	25,209	239	5,304	703	4,823	0	2,413	1,275
American U.	151	40,650	569	459	836	952	1,127	1,000	9,014	2,496	0	24,197
Brandeis U.	152	40,627	1,683	10	6,449	1,596	6,615	1,832	7,557	1,391	4,951	8,543
U. Nebraska, Medical Center	153	39,600	0	0	39,600	0	0	0	0	0	0	0
U. Alaska, Fairbanks	154	39,501	181	16,608	8,465	13	3,762	0	153	6,025	4,263	31
U. Massachusetts, Lowell	155	39,067	3,389	653	5,638	681	5,797	934	2,654	331	12,421	6,569
U. Texas, Arlington	156	38,339	2,603	374	6,646	293	3,667	1,085	88	0	12,469	11,114
Cold Spring Harbor Laboratory	157	36,235	0	0	36,235	0	0	0	0	0	0	0
Drexel U.	158	36,121	1,130	0	21,274	93	571	480	365	1,489	8,402	2,317
Van Andel Research Institute	159	35,812	0	0	35,812	0	0	0	0	0	0	0
U. California, Santa Cruz	160	34,599	381	6,643	5,172	38	12,136	219	2,251	182	4,739	2,838
Baylor U.	161	34,144	1,472	1,939	4,649	824	6,502	2,031	2,085	2,908	4,209	7,525
Southern Methodist U.	162	33,929	97	730	1,085	506	1,564	168	1,779	9,384	4,104	14,512
U. Memphis	163	33,900	1,491	1,319	4,822	831	1,853	4,255	3,358	1,450	3,534	10,987
U. Texas Rio Grande Valley	164	32,862	2,096	1,068	6,591	1,988	2,555	972	4,304	0	3,134	10,154

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Kent State U.	165	32,748	1,162	478	5,165	1,555	3,782	1,674	4,034	661	717	13,520
U. Tennessee, Health Science Center	166	32,641	0	0	32,375	0	0	0	0	266	0	0
U. Texas, Dallas	167	32,378	2,416	217	7,324	489	2,945	1,274	644	163	11,155	5,751
Michigan Technological U.	168	32,247	2,958	3,577	1,855	1,565	2,879	446	917	147	15,164	2,739
U. Maryland, Baltimore County	169	31,743	4,129	2,917	4,305	1,605	2,335	895	5,637	815	2,799	6,306
U. Alabama, Huntsville	170	30,776	6,395	3,604	2,112	565	3,533	281	225	0	9,135	4,926
William & Mary	171	30,035	512	20,795	605	73	852	110	2,496	1,031	0	3,561
Tufts U.	172	29,719	1,105	69	17,484	92	839	1,156	2,945	410	4,477	1,142
Georgia Southern U.	173	28,826	1,087	383	5,667	1,296	1,771	952	3,459	62	2,478	11,671
Oregon State U.	174	28,792	848	3,024	19,382	10	162	42	526	339	4,450	9
Wichita State U.	175	28,618	63	0	1,171	40	591	654	544	0	15,166	10,389
Utah State U.	176	28,019	1,256	421	9,802	505	1,012	2,709	751	0	9,482	2,081
San Jose State U.	177	27,661	0	2,546	3,674	764	1,892	790	2,562	0	4,542	10,891
Indiana U.-Purdue U., Indianapolis	178	27,461	1,808	254	8,579	35	713	689	5,433	3,169	1,736	5,045
Wake Forest U.	179	26,816	91	0	23,011	296	640	243	729	0	476	1,330
Ohio U.	180	26,187	18	705	10,063	5	1,465	794	654	0	7,858	4,625
U. Massachusetts, Boston	181	25,606	1,163	1,691	2,644	501	1,142	1,881	6,629	451	423	9,081
U. Rhode Island	182	24,722	2	9,028	2,869	0	526	568	694	868	1,120	9,047
Southern Illinois U., Carbondale	183	24,670	373	750	20,533	4	663	104	931	296	1,016	0
Montclair State U.	184	24,540	1,443	951	2,372	1,055	959	4,218	3,144	0	1,067	9,331
Howard U.	185	23,130	934	0	19,019	47	964	491	255	0	1,322	98
Saint Louis U.	186	22,991	106	2,555	17,933	6	1,036	135	88	0	348	784
U. West Florida	187	20,673	1,134	22	2,176	70	257	340	2,575	819	436	12,844
U. California, Office of the President	188	20,390	0	0	11,665	0	8,725	0	0	0	0	0
Old Dominion U.	189	19,957	528	976	6,163	118	1,695	207	684	0	8,535	1,051
U. Toledo	190	19,679	127	1,826	11,530	0	2,298	154	63	0	2,540	1,141
East Carolina U.	191	19,542	113	2,138	10,449	13	504	355	433	0	319	5,218
U. Massachusetts, Dartmouth	192	18,713	1,807	4,495	2,318	937	2,556	0	131	0	6,108	361
Oakland U.	193	18,539	516	0	4,154	3	3,250	32	0	0	10,305	279
Cleveland State U.	194	18,497	0	0	3,618	473	622	528	3,700	7	2,802	6,747
Naval Postgraduate School	195	18,483	6,129	326	168	790	64	217	1,367	1,019	7,558	845
San Francisco State U.	196	18,257	1,296	1,994	4,480	1,068	2,457	1,244	1,885	473	1,224	2,136
U. Idaho	197	17,659	441	753	11,539	38	517	29	730	365	2,516	731

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Missouri, Kansas City	198	17,201	1,044	48	11,615	0	308	687	97	734	1,692	976
Kennesaw State U.	199	17,003	2,955	0	4,853	442	698	69	1,177	1,103	1,045	4,661
Nova Southeastern U.	200	16,839	57	2,991	8,992	20	0	545	981	20	0	3,233
Middle Tennessee State U.	201	16,715	868	229	2,784	866	1,105	618	2,455	0	601	7,189
Marquette U.	202	16,222	457	0	4,643	398	771	597	648	0	2,702	6,006
New Mexico State U.	203	16,167	713	460	5,790	26	3,047	106	102	301	4,828	794
Rochester Institute of Technology	204	16,109	3,347	0	333	461	3,239	16	608	0	5,596	2,509
Missouri U. of Science and Technology	205	15,993	1,503	0	543	12	689	57	49	169	11,375	1,596
Louisiana Tech U.	206	15,621	1,161	0	1,791	517	1,293	82	662	0	6,002	4,113
Florida Atlantic U.	207	15,422	646	478	7,597	636	720	1,044	52	0	2,490	1,759
U. South Alabama	208	15,313	83	910	11,660	25	82	477	271	0	1,520	285
Villanova U.	209	15,309	303	378	2,096	55	1,541	726	309	0	5,307	4,594
Northern Illinois U.	210	14,986	333	235	857	9	1,426	427	4,204	0	1,358	6,137
Southern Illinois U., Edwardsville	211	14,766	65	16	6,599	41	60	0	24	0	7,647	314
Illinois State U.	212	14,540	23	41	85	14	22	31	8	0	53	14,263
Northern Arizona U.	213	14,501	973	681	9,254	5	1,975	57	59	504	571	422
North Carolina A&T State U.	214	14,445	46	0	8,306	27	39	23	0	0	4,204	1,800
U. California, Merced	215	14,279	405	1,473	2,721	450	2,348	346	1,361	506	3,233	1,436
Worcester Polytechnic Institute	216	14,261	1,571	0	1,461	1,093	1,174	0	496	0	6,618	1,848
U. South Dakota	217	14,176	241	0	6,426	117	1,428	785	693	88	450	3,948
Central Michigan U.	218	14,061	100	82	10,196	113	293	179	14	1,638	429	1,017
Long Island U.	219	13,962	114	110	7,564	414	568	1,074	678	1	0	3,439
Boston C.	220	13,949	486	2,359	1,441	24	1,939	876	1,622	0	438	4,764
Miami U.	221	13,843	462	205	3,225	118	623	1,770	338	0	2,601	4,501
Colorado School of Mines	222	13,739	127	1,143	0	104	610	0	1	0	5,059	6,695
Chapman U.	223	13,710	708	6	2,099	29	201	61	511	0	457	9,638
Louisiana State U., Health Sciences Center, New Orleans	224	13,488	0	0	13,488	0	0	0	0	0	0	0
CUNY, City C.	225	13,103	196	158	1,682	81	1,117	463	3	0	6,289	3,114
Fordham U.	226	13,005	390	0	380	178	843	370	1,304	0	0	9,540
James Madison U.	227	12,602	550	736	3,106	69	919	1,155	121	0	335	5,611
U. Wisconsin-Milwaukee	228	12,368	88	2,499	1,521	10	1,371	502	1,165	946	1,838	2,428
Air Force Institute of Technology	229	11,869	1,680	247	0	15	3,798	0	0	0	6,129	0
U. North Carolina, Charlotte	230	11,848	950	334	1,601	122	475	415	1,538	0	4,243	2,170

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Boise State U.	231	11,230	955	820	2,950	277	1,232	18	841	362	2,466	1,309
Lehigh U.	232	11,162	720	127	1,406	20	1,427	73	43	43	6,710	593
Woods Hole Oceanographic Institution	233	10,972	0	9,214	0	0	0	0	0	0	1,758	0
U. Southern Mississippi	234	10,942	125	2,874	909	0	359	41	299	0	4,719	1,616
U. Minnesota, Duluth	235	10,794	128	207	8,761	75	176	25	63	0	1,024	335
SUNY, Upstate Medical U.	236	10,660	0	0	10,660	0	0	0	0	0	0	0
Tarleton State U.	237	10,533	394	560	3,602	169	406	475	892	704	638	2,693
U. Puerto Rico, Rio Piedras	238	10,458	267	565	841	62	977	0	1,068	982	235	5,461
U. New Orleans	239	10,393	949	334	760	359	1,057	470	1,046	142	1,426	3,850
U. Maryland Center for Environmental Science	240	10,222	0	10,222	0	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	241	9,964	13	195	2,354	516	2,830	33	81	10	829	3,103
Loyola U., Chicago	242	9,904	83	0	8,190	56	438	186	246	0	58	647
Rush U.	243	9,884	0	0	9,884	0	0	0	0	0	0	0
California State U., Fullerton	244	9,664	707	176	1,438	459	413	223	781	960	423	4,084
Texas Tech U., Health Sciences Center	245	9,544	0	0	9,434	0	0	0	0	0	0	110
Western Michigan U. and Homer Stryker M.D. School of Medicine	246	9,489	17	464	3,688	51	448	853	98	3	2,850	1,017
Mercer U.	247	9,218	146	0	5,794	221	1,925	300	53	131	575	73
East Tennessee State U.	248	9,214	0	5	8,608	60	150	31	39	0	9	312
Texas Christian U.	249	9,201	0	0	0	189	3,430	1,583	2,449	1,550	0	0
U. North Carolina, Greensboro	250	9,054	54	0	3,260	208	937	789	444	0	0	3,362
Creighton U.	251	8,993	267	0	6,661	68	453	97	561	0	0	886
Bowling Green State U.	252	8,895	66	196	1,520	294	1,015	949	1,372	13	32	3,438
CUNY, Hunter C.	252	8,895	160	188	2,272	31	397	1,395	197	386	0	3,869
U. North Florida	254	8,817	139	54	1,487	18	637	231	478	0	1,776	3,997
Midwestern U.	255	8,714	0	0	8,714	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	256	8,531	348	971	2,344	0	1,076	303	792	415	0	2,282
Louisiana State U., Health Sciences Center, Shreveport	257	8,434	0	0	8,434	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	258	8,411	66	174	7,187	0	39	600	4	0	272	69
U. Puerto Rico, Medical Sciences Campus	259	8,295	0	0	8,295	0	0	0	0	0	0	0
California State U., East Bay	260	8,232	287	129	1,086	344	315	207	1,791	0	133	3,940
Clarkson U.	261	8,116	26	6	414	245	1,219	66	27	0	4,856	1,257
Texas Tech U., Health Sciences Center, El Paso	262	8,097	0	0	7,585	0	0	0	0	0	0	512
Bryn Mawr C.	263	7,692	215	189	811	484	583	507	1,417	0	0	3,486

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Loyola Marymount U.	264	7,360	189	8	1,513	9	282	257	283	37	52	4,730
Morehouse School of Medicine	265	7,155	0	0	7,155	0	0	0	0	0	0	0
Brigham Young U., Provo	266	6,962	320	68	2,331	47	199	102	111	0	1,133	2,651
U. Denver	267	6,953	34	49	761	66	1,151	1,437	583	0	626	2,246
U. North Texas, Health Science Center Edward Via C. of Osteopathic Medicine	268	6,615	0	0	6,615	0	0	0	0	0	0	0
Marshall U.	270	6,479	38	66	4,259	0	23	0	0	0	678	1,415
Tennessee State U.	271	6,466	0	0	6,466	0	0	0	0	0	0	0
Sam Houston State U.	272	6,444	8	46	1,697	57	44	390	1,863	0	84	2,255
Florida A&M U.	273	6,256	0	112	2,901	0	31	0	20	0	203	2,989
Roseman U. of Health Sciences	274	6,158	0	0	6,147	0	0	0	0	0	0	11
U. Texas Health Science Center, Tyler	275	6,016	0	0	6,016	0	0	0	0	0	0	0
Western Washington U.	276	5,954	31	736	216	115	622	525	748	724	78	2,159
Stevens Institute of Technology	277	5,895	649	0	357	15	326	0	3	0	4,461	84
U. San Diego	278	5,842	0	51	189	230	425	23	867	0	290	3,767
California State U., Sacramento	279	5,694	23	44	487	86	190	204	1,575	316	788	1,981
U. Akron	280	5,608	1	104	435	81	2,565	232	87	0	1,723	380
Towson U.	281	5,513	293	100	1,120	181	345	388	738	0	0	2,348
U. Tennessee, Chattanooga	282	5,510	38	0	95	34	10	25	0	2,941	350	2,017
William Paterson U.	283	5,401	46	148	781	63	44	392	887	0	0	3,040
Wright State U.	284	5,368	710	99	3,541	18	181	73	0	58	643	45
Eastern Michigan U.	285	5,324	221	60	807	22	367	46	546	59	331	2,865
Texas A&M U.-Corpus Christi	286	5,287	38	2,078	848	18	81	2	39	352	552	1,279
Grinnell C.	287	5,237	108	0	212	59	747	295	1,038	0	0	2,778
U. Missouri, Saint Louis	288	5,106	77	0	1,831	13	374	104	610	740	0	1,357
Oklahoma State U., Center for Health Sciences	289	4,897	104	0	4,567	0	0	204	0	0	0	22
South Dakota State U.	290	4,841	1	67	3,417	17	134	78	112	0	910	105
California State Polytechnic U., Humboldt	291	4,784	21	256	1,145	1	225	0	750	80	2,145	161
Yeshiva U.	292	4,765	749	0	1,914	1,016	0	0	0	0	0	1,086
Florida Institute of Technology	293	4,740	920	498	261	88	638	678	0	0	1,484	173
Southern Connecticut State U.	294	4,722	114	185	607	107	443	75	447	99	0	2,645
CUNY, Queens C.	295	4,717	195	215	2,182	94	724	619	214	224	0	250
West Chester U. Pennsylvania	296	4,618	39	31	575	55	451	213	556	5	0	2,693

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Clark U.	297	4,552	62	107	2,081	0	519	78	1,541	0	0	164
Kean U.	298	4,548	477	52	999	80	1,575	42	270	14	32	1,007
Rowan U.	299	4,546	0	0	573	0	0	0	0	0	3,973	0
Hofstra U.	300	4,485	63	188	567	93	173	102	471	0	148	2,680
Claremont McKenna C.	301	4,377	0	0	0	0	0	106	3,901	30	0	340
Desert Research Institute	301	4,377	0	3,563	814	0	0	0	0	0	0	0
U. Central Oklahoma	303	4,365	i 93 i	0 i	2,210 i	44 i	313 i	68 i	216 i	0 i	450 i	971 i
Idaho State U.	304	4,292	53	259	1,240	11	718	7	102	273	1,552	77
Rosalind Franklin U. of Medicine and Science	305	4,239	0	0	4,217	0	0	22	0	0	0	0
Catholic U. of America	306	4,211	0	0	116	0	6	504	755	0	762	2,068
Duquesne U.	307	4,043	0	245	2,330	20	179	69	41	0	23	1,136
U. Nebraska, Omaha	308	4,038	506	15	620	37	55	20	1,060	490	210	1,025
U. Tulsa	309	4,023	319	89	513	6	117	562	183	163	1,532	539
Western Kentucky U.	310	3,961	7	672	1,057	18	633	521	179	0	257	617
Portland State U.	311	3,949	31	127	1,032	1	295	18	611	308	597	929
Prairie View A&M U.	312	3,898	10	0	2,260	0	239	1	6	5	1,006	371
California State U., Fresno	313	3,854	32	2	1,772	377	661	0	231	0	428	351
SUNY, Downstate Health Sciences U.	314	3,816	0	0	3,816	0	0	0	0	0	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	315	3,799	0	0	3,799	0	0	0	0	0	0	0
Ball State U.	316	3,754	47	0	848	49	561	118	380	0	0	1,751
Wesleyan U.	317	3,652	0	152	721	201	850	174	201	16	0	1,337
CUNY, John Jay C. of Criminal Justice	318	3,492	0	0	20	8	31	111	103	52	0	3,167
Tennessee Technological U.	319	3,464	721	1	1,064	0	226	60	20	0	766	606
Delaware State U.	320	3,457	156	137	1,079	411	693	215	466	0	70	230
Des Moines U.	321	3,455	0	139	3,178	0	0	0	0	0	0	138
Salisbury U.	322	3,415	97	87	821	123	286	31	63	0	3	1,904
U. Alaska, Anchorage	323	3,392	8	545	974	0	200	0	434	191	574	466
Texas Southern U.	324	3,362	32	0	2,114	2	41	0	531	0	12	630
U. North Carolina, Wilmington	325	3,338	66	1,169	712	0	60	6	59	406	88	772
Indiana U. Pennsylvania	326	3,303	0	5	289	17	31	522	316	94	0	2,029
Reed C.	327	3,272	i 58 i	0 i	1,318 i	45 i	317 i	118 i	396 i	0 i	0 i	1,020 i
U. Michigan, Dearborn	328	3,259	24	0	2	29	220	42	88	0	2,449	405

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Northeast Ohio Medical U.	329	3,197	0	2	3,165	0	0	0	28	1	1	0
Albany Medical C.	330	3,132	0	0	3,132	0	0	0	0	0	0	0
Appalachian State U.	331	3,129	67	315	1,169	16	539	108	103	0	195	617
Charles R. Drew U. of Medicine and Science	332	3,098	0	0	3,098	0	0	0	0	0	0	0
New School	333	3,023	1	19	85	18	1	79	769	29	423	1,599
Loma Linda U.	334	3,012	0	0	2,868	0	0	127	0	0	0	17
Grand Valley State U.	335	2,986	33	1,892	360	17	34	21	227	0	47	355
California State U., Long Beach	336	2,980	75	11	789	20	605	146	90	51	576	617
New Mexico Institute of Mining and Technology	337	2,895	119	614	15	6	59	0	0	0	2,047	35
U. Oklahoma, Tulsa	338	2,892	0	0	1,329	0	0	0	12	0	138	1,413
Texas A&M U.-Kingsville	339	2,812	0	90	2,443	0	14	0	0	66	150	49
Texas A&M U.-Commerce	340	2,783	31	0	1,587	7	105	82	46	0	40	885
U. Arkansas, Pine Bluff	341	2,737	0	0	2,000	0	170	0	28	539	0	0
Azusa Pacific U.	342	2,680	24	0	679	30	170	254	73	0	10	1,440
Philadelphia C. of Osteopathic Medicine	343	2,675	0	0	2,675	0	0	0	0	0	0	0
Pacific U.	344	2,670	66	0	1,701	15	90	4	328	0	0	466
California State U., San Bernardino	345	2,657	92	14	333	11	104	484	112	235	124	1,148
Clark Atlanta U.	346	2,647	50	0	2,414	0	177	0	0	0	0	6
Colgate U.	347	2,625	22	226	472	33	423	112	385	0	0	952
Saint Joseph's U.	348	2,609	31	0	1,436	15	601	27	101	0	0	398
Eastern Virginia Medical School	349	2,603	0	0	2,603	0	0	0	0	0	0	0
Virginia State U.	350	2,544	0	0	1,699	0	0	0	0	0	845	0
U. New England	351	2,503	0	286	2,168	0	14	7	5	0	0	23
South Dakota School of Mines and Technology	352	2,488	0	0	0	0	322	0	0	0	2,166	0
Langston U.	353	2,449	0	0	2,341	0	7	38	0	0	0	63
Gallaudet U.	354	2,396	194	0	526	2	1	1,153	520	0	0	0
Alcorn State U.	355	2,349	0	0	1,048	0	0	0	1,299	0	2	0
California State U., Monterey Bay	356	2,300	81	1,147	961	21	15	4	32	0	0	39
CUNY, Advanced Science Research Center	357	2,226	0	43	399	0	1,089	0	0	0	687	8
Montana Technological U.	358	2,221	0	1,524	60	0	66	0	0	0	571	0
DePaul U.	359	2,195	0	0	58	58	4	81	634	0	0	1,360
CUNY, Graduate School of Public Health and Health Policy	360	2,189	0	0	2,189	0	0	0	0	0	0	0
New York Institute of Technology	361	2,180	80	0	2,018	0	0	0	0	0	82	0

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Amherst C.	362	2,130	76	200	243	90	102	76	374	404	0	565
Swarthmore C.	362	2,130	16	0	430	36	155	48	163	0	163	1,119
Carleton C.	364	2,055	322	90	243	318	52	9	535	0	0	486
Rutgers, State U. New Jersey, Camden	365	2,003	234	0	0	0	15	16	529	0	0	1,209
West Texas A&M U.	366	1,972	17	0	1,321	7	11	0	0	0	333	283
Hope C.	367	1,928	24	31	44	11	856	7	405	0	17	533
Williams C.	368	1,894	32	104	719	25	174	65	218	0	0	557
California State U., Bakersfield	369	1,878	0	11	7	278	58	72	207	0	116	1,129
Illinois Institute of Technology	370	1,759	321	4	303	41	232	0	0	8	836	14
Smith C.	371	1,740	43	82	496	52	124	48	118	15	124	638
U. South Carolina, Aiken	372	1,729	0	0	442	12	277	11	245	0	103	639
Central State U.	373	1,659	0	0	1,659	0	0	0	0	0	0	0
Eastern Connecticut State U.	374	1,605	9	1	243	0	7	109	399	99	0	738
Coastal Carolina U.	375	1,580	0	204	274	0	96	66	284	8	4	644
Toyota Technological Institute, Chicago	376	1,568	1,568	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	377	1,555	33	24	68	11	140	75	214	0	0	990
U. Hawaii, Hilo	378	1,533	7	173	1,154	8	43	0	36	98	0	14
Lewis and Clark C.	379	1,522	13	8	79	0	33	13	39	0	0	1,337
U. Nebraska, central administration	380	1,498	0	0	0	0	0	0	0	0	1,498	0
U. Central del Caribe	381	1,486	0	0	1,486	0	0	0	0	0	0	0
U. Nebraska, Kearney	382	1,459	105	0	544	0	255	0	10	0	0	545
Xavier U. Louisiana	383	1,452	0	0	1,452	0	0	0	0	0	0	0
California State Polytechnic U., Pomona	384	1,441	16	12	1,106	0	10	0	0	0	152	145
Jackson State U.	385	1,427	122	0	146	5	448	0	0	67	302	337
Embry-Riddle Aeronautical U.	386	1,425	330	312	57	5	48	0	0	0	600	73
CUNY, Brooklyn C.	387	1,418	10	83	101	102	203	27	17	265	0	610
Touro U., California	388	1,354	0	0	1,144	0	0	0	0	0	0	210
Pennsylvania State U., Behrend	389	1,345	0	1,011	45	0	0	31	35	0	197	26
Willamette U.	390	1,344	5	33	406	12	77	11	0	76	0	724
U. Guam	391	1,339	0	74	1,237	0	0	0	18	0	0	10
Northwest Indian C.	392	1,334	0	0	0	0	0	0	0	0	0	1,334
Purdue U., Northwest	393	1,323	11	0	489	0	18	5	0	58	249	493
Elon U.	394	1,303	25	0	181	51	45	53	175	14	16	743

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Minnesota State U., Mankato	395	1,300	0	0	166	0	0	120	208	0	768	38
Saint John's U.	396	1,298	i 23 i	0 i	542 i	15 i	125 i	43 i	144 i	0 i	0 i	406 i
Connecticut C.	397	1,252	86	0	325	0	461	223	31	0	0	126
Pomona C.	398	1,238	70	164	84	11	146	78	426	0	0	259
U. Northern Colorado	399	1,224	0	46	415	46	52	56	95	0	0	514
California State U., Northridge	400	1,207	0	35	187	25	490	0	2	16	83	369
U. Central Arkansas	401	1,186	101	0	374	9	162	49	132	0	0	359
C. of Saint Benedict	402	1,177	i 20 i	0 i	492 i	14 i	113 i	39 i	131 i	0 i	0 i	368 i
Seton Hall U.	403	1,176	0	0	0	0	0	0	0	0	0	1,176
Bucknell U.	404	1,150	61	24	250	21	0	44	152	68	322	208
St. Edward's U.	404	1,150	150	0	220	50	170	100	30	0	0	430
Tuskegee U.	406	1,128	0	0	449	0	0	0	77	0	589	13
U. San Francisco	407	1,123	15	18	521	1	70	42	176	10	3	267
Trinity U.	408	1,117	45	59	178	12	160	28	170	0	51	414
Claremont Graduate U.	409	1,113	8	0	0	0	0	0	1,098	0	0	7
Vassar C.	410	1,106	20	49	186	2	172	136	275	0	0	266
Texas A&M International U.	411	1,093	1	19	82	27	42	17	208	360	47	290
Colorado C.	412	1,090	0	33	97	0	86	97	116	0	0	661
CUNY, Graduate Center	413	1,080	0	0	5	0	0	8	42	60	0	965
Furman U.	414	1,069	28	12	516	24	445	3	8	0	0	33
U. Colorado Denver ^d	415	1,063	8	5	172	0	12	81	33	0	63	689
Murray State U.	416	1,060	0	118	900	3	33	0	0	0	0	6
Hamilton C.	417	1,039	3	0	41	4	73	108	182	44	0	584
C. Charleston	418	1,032	62	70	295	24	37	61	43	0	0	440
Harvey Mudd C.	419	1,020	104	0	44	123	272	0	0	104	321	52
California State U., Dominguez Hills	420	1,001	67	15	81	10	445	76	71	0	0	236
Suffolk U.	421	996	0	0	0	0	0	0	0	0	0	996
Austin Peay State U.	422	984	3	8	618	0	26	1	0	6	0	322
Albion C.	423	977	i 17 i	56 i	384 i	13 i	93 i	0 i	116 i	0 i	0 i	298 i
U. of Health Sciences and Pharmacy in St. Louis	423	977	0	0	977	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	423	977	0	10	195	0	30	5	631	4	0	102
Marymount U.	426	965	158	0	316	0	2	46	200	0	3	240
U. Virginia's C. Wise	426	965	4	0	3	0	21	0	31	0	15	891

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
California State U., Los Angeles	428	943	0	0	83	0	779	13	0	0	9	59
U. Colorado Colorado Springs	429	939	106	37	66	19	114	77	229	2	156	133
Fayetteville State U.	430	898	0	0	107	0	0	0	0	0	0	791
Northern Kentucky U.	431	890	102	0	259	1	175	145	80	28	0	100
U. of the Incarnate Word	432	886	0	0	611	0	0	0	0	0	0	275
Pepperdine U.	433	885	0	0	140	29	82	67	57	131	0	379
Texas Woman's U.	434	883	1	0	366	2	160	133	11	0	0	210
Grambling State U.	435	858	0	0	0	0	494	0	0	0	0	364
Christopher Newport U.	436	855	0	0	281	3	106	12	131	0	0	322
U. Dayton	437	853	99	15	39	18	0	25	47	0	231	379
Haverford C.	438	852	14	41	339	10	78	27	90	0	0	253
West Virginia School of Osteopathic Medicine	439	850	0	0	848	0	0	0	0	0	0	2
Dillard U.	440	848	0	0	651	2	3	1	6	91	0	94
U. Wisconsin-Green Bay	441	843	18	29	487	5	39	11	38	0	135	81
U. Wisconsin-Stevens Point	442	829	0	94	646	0	31	0	0	0	50	8
U. Texas, Tyler	443	821	1	0	388	0	0	0	61	0	211	160
West Virginia State U.	444	815	0	0	815	0	0	0	0	0	0	0
Purdue U., Fort Wayne	445	814	0	0	123	60	19	148	29	57	26	352
New York Medical C.	446	813	0	0	813	0	0	0	0	0	0	0
U. Northern Iowa	447	808	5	129	91	6	60	0	506	0	0	11
C. Wooster	448	797	0	33	295	25	151	1	46	0	0	246
U. Illinois, Springfield	448	797	0	0	2	0	0	0	594	57	0	144
U. Washington, Bothell	450	786	0	0	0	11	42	0	0	0	0	733
Southeastern Louisiana U.	451	784	7	0	179	0	158	0	2	0	7	431
Marshall B. Ketchum U.	452	779	0	0	779	0	0	0	0	0	0	0
Albany C. of Pharmacy and Health Sciences	453	769	0	0	769	0	0	0	0	0	0	0
U. Texas of the Permian Basin	454	756	0	69	79	1	0	2	0	0	3	602
Missouri State U.	455	754	1	57	346	0	86	4	22	0	234	4
Northern Michigan U.	456	723	0	1	418	0	34	59	18	0	0	193
Stockton U.	457	720	0	207	0	0	0	0	513	0	0	0
U. of St. Thomas (MN)	458	715	0	0	90	0	125	116	4	0	120	260
Pace U.	459	711	15	0	382	0	9	5	10	0	0	290
SUNY, C. of Optometry	460	708	0	0	708	0	0	0	0	0	0	0

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Stephen F. Austin State U.	494	511	3	7	146	33	6	2	109	0	0	205
SUNY, Geneseo	495	502	0	14	59	16	125	85	32	0	0	171
Palmer C. of Chiropractic, Davenport	496	500	0	0	500	0	0	0	0	0	0	0
U. Detroit Mercy	497	494	1	0	381	0	0	15	0	0	26	71
Seattle U.	498	471	92	0	81	46	152	0	24	0	41	35
Central Connecticut State U.	499	459	27	5	98	24	40	10	62	0	35	158
Macalester C.	499	459	12	22	27	29	81	9	210	0	0	69
Roger Williams U.	501	445	7	161	104	2	3	9	0	3	58	98
SUNY, C. Brockport	502	435	8	23	336	1	32	0	10	0	0	25
U. Puerto Rico, Cayey	503	430	0	0	0	0	2	0	0	428	0	0
California State U., Chico	504	422	0	16	292	0	6	0	17	0	73	18
CUNY, Lehman C.	505	421	9	0	33	0	30	7	15	15	0	312
U. New Haven	506	405	12	11	95	16	0	65	99	0	65	42
Saginaw Valley State U.	507	388	11	0	244	0	0	0	24	0	0	109
Dakota State U.	508	382	287	15	65	0	15	0	0	0	0	0
Virginia Military Institute	509	378	58	0	77	39	57	0	29	0	68	50
Manhattan C.	510	367	0	0	37	0	0	0	0	0	163	167
Central Washington U.	511	350	25	70	183	16	13	0	21	0	1	21
CUNY, C. Staten Island	512	342	14	3	23	5	78	19	7	35	0	158
Skidmore C.	513	337	18	31	52	0	104	26	42	0	0	64
Citadel Military C. South Carolina	514	336	7	0	80	13	102	5	25	0	62	42
SUNY, C. Plattsburgh	515	334	0	334	0	0	0	0	0	0	0	0
St. John's U., New York	516	326	17	0	176	0	91	17	5	0	0	20
U. Puerto Rico, Mayaguez	517	314	0	100	0	0	29	0	0	0	168	17
Western New England U.	517	314	0	0	128	0	0	2	0	0	184	0
Youngstown State U.	519	305	11	0	20	6	3	5	0	0	246	14
Sonoma State U.	520	298	5	53	37	5	9	17	38	5	9	120
Kettering U.	521	294	11	0	0	3	7	0	0	0	135	138
U. Puerto Rico, Humacao	522	288	0	0	0	0	288	0	0	0	0	0
Mount Holyoke C.	523	285	10	90	11	13	16	40	34	0	0	71
Bates C.	524	281	6	18	92	0	50	24	64	0	0	27
U. Wisconsin-Eau Claire	525	278	16	16	73	0	94	31	16	0	0	32
Northwestern State U. Louisiana	526	268	31	0	0	0	0	0	144	0	1	92

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
CUNY, New York City C. of Technology	560	120	1	0	11	20	17	0	0	9	17	45
U. Hartford	561	117	3	0	12	4	8	8	4	0	47	31
California Lutheran U.	562	116	0	0	116	0	0	0	0	0	0	0
New England C. of Optometry	563	108	0	0	108	0	0	0	0	0	0	0
U.S. Military Academy	564	95	42	1	2	0	7	0	0	0	5	38
Monmouth U.	565	93	0	78	9	0	4	0	0	0	0	2
Rhode Island C.	566	92	0	0	0	0	0	1	0	0	0	91
U. Houston-Clear Lake	567	91	15	0	4	0	9	10	14	0	8	31
Plymouth State U.	568	84	0	37	23	0	0	0	19	5	0	0
St. Catherine U.	569	83	0	0	31	0	3	0	9	0	0	40
Colorado State U., Pueblo	570	82	0	0	0	0	0	0	0	82	0	0
U. Arkansas, Little Rock	571	80	29	0	0	0	1	0	0	0	50	0
Milwaukee School of Engineering	572	79	0	0	0	0	0	0	0	0	79	0
Mercyhurst U.	573	59	0	1	12	0	3	2	15	5	0	21
Utah Valley U.	573	59	0	0	59	0	0	0	0	0	0	0
Fort Lewis C.	575	51	3	0	13	0	4	0	0	0	31	0
Middlebury C.	576	49	0	0	49	0	0	0	0	0	0	0
Western Illinois U.	577	47	0	0	19	0	0	0	28	0	0	0
U. Alaska, Southeast	578	43	0	8	16	0	19	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	579	34	0	0	0	0	0	0	0	0	34	0
Nevada State C.	580	22	0	0	22	0	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	580	22	0	0	22	0	0	0	0	0	0	0
MGH Institute of Health Professions	582	20	0	0	0	0	0	0	0	0	0	20
Sonoran U. Health Sciences	582	20	0 i	0 i	20 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Maryland, Eastern Shore	582	20	0	0	20	0	0	0	0	0	0	0
Morehead State U.	585	15	0	0	5	0	10	0	0	0	0	0
U. Ana G. Mendez, Gurabo	586	12	0 i	0 i	2 i	0 i	0 i	0 i	0 i	1 i	9 i	0 i
California State U., Maritime Academy	587	10	0	0	0	0	0	0	0	0	0	10
Fisk U.	587	10	0	0	0	0	0	0	0	0	10	0
Pratt Institute	589	5	0	0	0	0	0	0	0	0	0	5
Hawaii Pacific U.	590	4	0	0	0	0	0	0	0	0	0	4

i = imputed.

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 Johns Hopkins University includes the Applied Physics Laboratory, with \$57,745 thousand in institutionally financed R&D expenditures in FY 2022.

^c The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.

^d The University of Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of Colorado Denver and Anschutz Medical Campus.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2022 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2022.