

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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	-	27,654,829	746,035	744,177	14,981,678	293,464	1,520,045	462,658	1,444,371	518,241	3,329,879	3,614,281
U. Michigan, Ann Arbor	1	679,205	7,997	8,446	350,016	13,066	22,861	11,998	91,082	2,588	74,674	96,477
U. Pennsylvania	2	642,815	6,250	1,337	407,267	2,869	18,026	4,366	36,905	8,336	47,236	110,223
U. Wisconsin-Madison	3	542,782	5,745	21,696	353,636	1,616	21,929	3,377	23,906	11,051	43,586	56,240
U. California, San Francisco	4	505,006	0	0	495,638	0	9,368	0	0	0	0	0
Harvard U.	5	488,906	15,354	6,382	209,445	2,113	39,847	4,262	70,409	11,874	38,890	90,330
Ohio State U.	6	424,124	6,180	2,931	309,936	1,639	7,996	1,382	9,363	11,921	46,346	26,430
U. North Carolina, Chapel Hill	7	407,817	3,087	7,568	317,122	1,191	12,538	16,590	16,429	139	10,252	22,901
Yale U.	8	404,706	3,261	4,267	341,160	1,409	21,243	3,390	11,748	829	12,511	4,888
U. Maryland ^a	9	401,833	29,757	7,702	237,290	1,545	29,966	1,089	17,906	357	44,248	31,973
U. Florida	10	389,065	6,885	3,554	309,763	542	9,729	2,153	4,677	4,529	29,724	17,509
U. Minnesota, Twin Cities	11	386,198	13,437	2,858	269,213	1,635	10,431	7,238	10,917	2,930	34,129	33,410
Vanderbilt U. and Vanderbilt U. Medical Center	12	357,729	6,416	2,067	215,304	1,600	12,531	7,115	22,215	0	24,162	66,319
U. California, Los Angeles	13	354,575	2,101	4,851	234,100	1,217	9,413	2,594	39,265	16,640	17,085	27,309
Texas A&M U., College Station and Health Science Center	14	353,916	5,647	15,137	146,145	2,168	18,778	3,149	8,250	5,460	129,149	20,033
New York U.	15	327,502	1,540	76	248,299	2,136	2,144	1,601	10,248	0	10,113	51,345
U. Pittsburgh, Pittsburgh	16	315,634	3,487	2,702	261,652	1,112	11,182	2,712	1,852	5,805	21,621	3,509
Arizona State U.	17	310,531	5,360	12,065	54,770	902	20,020	5,236	44,066	9,147	87,720	71,245
U. Arizona	18	304,671	7,032	15,979	155,038	4,115	43,454	1,197	12,755	4,836	32,916	27,349
Northwestern U.	19	303,778	3,375	682	188,775	839	36,035	1,426	9,169	7,333	27,653	28,491
Indiana U., Bloomington	20	303,085	11,316	3,457	194,860	602	10,026	6,389	28,881	10,567	4,707	32,280
Michigan State U.	21	300,588	7,983	3,745	136,185	4,587	51,084	4,684	17,950	10,302	37,739	26,329
Baylor C. of Medicine	22	282,695	0	0	282,695	0	0	0	0	0	0	0
Emory U.	23	279,302	1,948	566	242,485	254	13,060	1,262	3,186	0	4,376	12,165
Cornell U.	24	276,682	7,033	871	166,682	575	19,728	3,590	12,369	0	36,364	29,470
Purdue U., West Lafayette	25	267,313	7,976	2,513	119,674	1,426	13,115	1,823	7,763	2,045	87,443	23,535
Pennsylvania State U., University Park and Hershey Medical Center	26	265,205	17,107	4,313	81,725	3,038	33,730	9,965	16,029	0	77,945	21,353
U. Georgia	27	257,757	3,157	11,297	116,778	5,509	6,418	9,995	21,750	7,717	12,531	62,605
U. Texas M. D. Anderson Cancer Center	28	256,545	0	0	230,293	2,826	6,965	8,011	8,450	0	0	0
U. California, San Diego	29	250,973	2,169	23,766	168,425	815	10,603	1,072	7,212	0	26,408	10,503
Rockefeller U.	30	244,237	8,060	125	232,399	1,127	2,526	0	0	0	0	0
U. California, Davis	31	244,082	384	16,285	161,377	300	9,350	550	16,218	10,463	25,140	4,015
U. California, Berkeley	32	242,494	3,835	2,458	68,208	2,479	23,736	4,758	38,045	22,723	37,508	38,744

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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. Southern California	33	239,488	3,221	3,360	186,092	139	2,370	237	10,453	0	6,771	26,845
U. Texas, Austin	34	235,987	13,495	32,646	58,695	6,669	37,119	2,844	8,335	5,646	43,287	27,251
U. Illinois, Urbana-Champaign	35	234,686	26,466	7,537	82,041	1,245	16,736	5,072	4,880	16,233	55,210	19,266
Boston U.	36	230,370	9,911	2,585	107,741	1,523	14,741	8,633	8,617	5,937	41,230	29,452
U. Iowa	37	228,803	1,287	1,284	167,333	300	5,966	3,073	2,735	2,127	21,790	22,908
U. Virginia, Charlottesville	38	214,946	6,092	1,724	135,080	300	6,174	1,607	4,009	846	39,367	19,747
U. Utah	39	214,320	249	592	126,713	497	2,590	253	602	0	5,399	77,425
Virginia Commonwealth U.	40	207,023	5,918	41	112,916	163	1,143	1,704	5,937	0	14,842	64,359
Rutgers, State U. New Jersey, New Brunswick	41	207,008	2,240	13,978	136,324	5,038	12,553	4,520	4,841	2,210	11,345	13,959
U. Texas Southwestern Medical Center	42	191,493	0	0	191,493	0	0	0	0	0	0	0
Duke U.	43	191,004	952	1,788	151,415	1,373	2,406	2,106	7,860	473	14,956	7,675
Stanford U.	44	189,108	4,169	8,730	135,024	395	6,417	1,884	5,871	80	18,634	7,904
Washington U., Saint Louis	45	188,985	489	336	175,146	175	3,559	742	751	65	2,421	5,301
U. Delaware	46	188,645	7,582	4,360	44,083	4,661	26,156	5,135	17,508	8,460	54,565	16,135
U. Cincinnati	47	185,586	2,103	547	120,992	792	5,112	2,634	3,697	381	28,734	20,594
U. Alabama, Birmingham	48	184,658	0	0	163,505	0	730	3,697	1	0	10,778	5,947
Virginia Polytechnic Institute and State U.	49	179,590	8,449	1,367	67,770	3,965	6,013	1,837	6,376	0	75,591	8,222
U. Nebraska, Lincoln and Medical Center ^b	50	177,595	4,632	1,703	93,102	2,080	8,230	5,523	6,385	546	23,762	31,632
U. Oklahoma, Norman and Health Science Center	51	169,611	3,254	15,847	55,382	2,011	9,721	2,298	10,551	0	23,018	47,529
Florida State U.	52	166,809	6,636	7,100	31,483	5,484	17,282	7,826	15,852	4,146	14,828	56,172
Dartmouth C. and Dartmouth Hitchcock Medical Center	53	166,114	12,594	5,598	50,450	5,889	14,192	4,666	18,829	2,082	10,508	41,306
Johns Hopkins U. ^c	54	164,758	7,325	3,873	94,579	5,267	10,566	601	356	1,909	40,156	126
U. South Florida	55	160,703	7,487	7,340	59,613	1,867	5,742	4,239	13,067	956	21,267	39,125
U. Illinois, Chicago	56	158,846	2,865	595	105,994	2,441	7,365	2,195	6,482	9,383	14,366	7,160
Auburn U., Auburn	57	158,454	3,460	2,619	49,633	3,446	10,211	2,432	2,585	2,061	45,785	36,222
Louisiana State U., Baton Rouge	58	156,614	1,674	24,123	51,861	5,466	20,003	427	1,176	11,976	31,718	8,190
Iowa State U.	59	156,282	2,977	1,711	55,060	7,633	7,405	2,159	4,634	189	47,937	26,577
U. Kansas	60	152,432	1,404	7,220	85,923	136	4,254	2,808	559	11,402	4,859	33,867
U. Tennessee, Knoxville	61	151,783	2,146	1,363	54,720	2,315	8,182	2,539	8,135	11,889	31,628	28,866
U. Kentucky	62	151,066	2,185	1,406	106,473	119	900	767	2,002	13,549	16,467	7,198
North Carolina State U.	63	150,288	6,791	4,697	83,071	3,665	6,241	377	2,438	4,035	36,010	2,963
Icahn School of Medicine at Mount Sinai	64	147,069	0	0	147,069	0	0	0	0	0	0	0
Scripps Research Institute	65	146,451	0	0	146,451	0	0	0	0	0	0	0

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Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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, Columbia	66	146,211	72	122	84,432	147	46,949	1,479	1,449	256	2,902	8,403
Princeton U.	67	144,341	7,815	4,133	36,074	5,268	29,016	2,575	32,817	0	19,939	6,704
George Washington U.	68	141,746	6,678	442	34,534	1,379	2,928	1,586	17,218	7,823	13,257	55,901
U. California, Irvine	69	132,261	6,310	1,253	73,056	2,028	6,107	4,221	6,027	330	19,738	13,191
U. Miami	70	128,438	780	5,643	106,759	342	1,128	2,765	1,067	297	2,751	6,906
Carnegie Mellon U.	71	128,082	35,662	3	5,431	9,740	10,179	1,171	9,165	1,537	38,947	16,247
U. Washington, Seattle	72	125,390	4,309	10,231	86,806	231	1,916	613	2,104	926	12,898	5,356
Georgia State U.	73	125,011	3,741	942	36,893	1,453	7,711	7,028	23,023	0	0	44,220
Oklahoma State U., Stillwater	74	124,314	3,027	2,033	40,298	3,892	5,599	4,694	6,643	7,225	17,525	33,378
SUNY, U. Buffalo	75	124,197	6,563	1,745	72,802	1,369	4,750	1,452	1,963	2,448	25,973	5,132
Texas Tech U.	76	122,202	3,367	3,544	35,771	3,291	8,639	5,844	7,858	0	17,670	36,218
Columbia U. in the City of New York	77	119,863	1,674	6,651	78,690	450	5,452	320	5,365	0	9,214	12,047
U. Connecticut	78	117,252	1,864	3,547	65,190	680	3,235	9,005	4,740	2,430	20,358	6,203
U. Notre Dame	79	115,906	8,447	0	10,199	2,111	20,794	1,050	5,978	5,243	39,057	23,027
Florida International U.	80	115,737	7,218	8,263	32,083	2,959	11,413	8,187	10,971	1,499	14,590	18,554
Medical C. Wisconsin	81	113,726	0	0	112,076	0	0	0	0	0	1,650	0
U. South Carolina, Columbia	82	110,716	1,328	4,988	33,249	2,891	2,785	4,556	10,383	8	15,578	34,950
Medical U. South Carolina	83	110,106	0	0	110,106	0	0	0	0	0	0	0
Syracuse U.	84	108,685	6,140	2,069	7,999	2,481	8,073	2,493	9,868	265	12,823	56,474
Clemson U.	85	100,954	3,423	0	27,289	613	3,106	699	1,191	0	23,360	41,273
Brigham Young U., Provo	86	99,661	4,891	833	17,858	4,810	4,972	2,759	9,076	67	10,018	44,377
U. Central Florida	87	99,427	7,849	3,032	18,111	1,875	13,899	3,670	5,673	4,840	18,156	22,322
SUNY, Binghamton U.	88	96,213	5,317	1,307	12,133	2,923	8,524	5,611	19,833	0	23,670	16,895
SUNY, Stony Brook U.	89	92,936	1,765	11,718	43,013	2,251	9,422	1,541	1,712	11,934	5,508	4,072
West Virginia U.	90	92,314	512	2,112	53,882	239	4,302	759	2,305	724	22,376	5,103
U. Massachusetts, Amherst	91	90,429	8,927	1,254	28,837	934	7,944	2,768	3,148	705	25,285	10,627
Uniformed Services U. of the Health Sciences	92	88,281	0	0	79,763	0	0	8,518	0	0	0	0
Georgetown U.	93	87,408	1,434	0	47,065	663	3,954	268	9,513	1,680	0	22,831
U. Vermont	94	85,988	2,075	910	48,994	1,609	1,892	2,519	6,031	1,329	6,971	13,658
U. Arkansas for Medical Sciences	95	84,563	0	0	84,563	0	0	0	0	0	0	0
U. Houston	96	84,315	2,248	3,051	14,412	2,957	13,148	4,775	2,505	21	23,265	17,933
Washington State U.	97	84,199	706	1,573	46,994	118	6,740	1,218	2,286	435	13,644	10,485
Texas State U.	98	83,686	4,102	3,521	11,600	1,929	2,325	165	6,443	4,156	6,297	43,148

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U. Nevada, Reno	99	83,470	267	7,784	25,304	1,242	3,012	1,890	3,486	3,205	21,581	15,699
Albert Einstein C. of Medicine	100	81,552	0	0	81,552	0	0	0	0	0	0	0
Temple U.	101	81,497	767	350	66,627	253	2,764	1,561	870	583	2,799	4,923
Wayne State U.	102	81,136	701	118	54,793	220	7,033	696	1,010	8,010	4,562	3,993
Case Western Reserve U.	103	80,506	923	0	67,788	68	268	68	900	0	9,792	699
U. New Mexico	104	79,298	1,164	595	51,735	126	930	1,170	3,499	7,817	7,666	4,596
Rice U.	105	78,447	3,345	1,235	6,188	2,460	14,172	1,277	9,678	126	36,655	3,311
U. Hawaii, Manoa	106	78,084	743	16,730	42,042	93	9,033	119	1,327	1,030	5,563	1,404
U. Alabama, Tuscaloosa	107	77,554	3,595	2,324	11,487	1,418	3,148	2,656	10,062	264	12,977	29,623
San Diego State U.	108	77,130	1,511	1,152	15,212	2,475	3,917	5,455	5,397	8,833	7,894	25,284
Thomas Jefferson U.	109	76,704	0	0	76,704	0	0	0	0	0	0	0
North Dakota State U.	110	76,422	2,127	313	44,704	954	2,699	1,530	5,049	771	8,416	9,859
Colorado State U., Fort Collins	111	75,358	697	6,769	51,135	118	1,103	312	1,966	4,859	6,025	2,374
Massachusetts Institute of Technology	112	73,497	13,456	2,415	9,172	674	10,357	0	1,365	1,253	32,492	2,313
Kansas State U.	113	73,427	1,680	56	36,195	2,376	2,767	1,400	4,157	5,610	11,724	7,462
U. Louisville	114	73,255	19	15	54,109	404	1,405	1,154	901	457	6,105	8,686
U. Arkansas, Fayetteville	115	72,849	2,189	380	29,526	63	4,868	668	3,453	4,336	13,487	13,879
U. Texas Health Science Center, San Antonio	116	70,676	0	0	70,676	0	0	0	0	0	0	0
SUNY, U. Albany	117	69,881	4,496	6,011	9,216	2,127	6,124	2,640	13,287	0	2,944	23,036
Northeastern U.	118	68,663	9,974	1,218	11,188	481	5,636	1,871	3,728	0	16,315	18,252
U. Mississippi	119	68,074	384	370	28,723	852	4,813	1,783	3,652	718	4,104	22,675
U. Maine	120	67,941	1,484	10,048	15,091	657	3,362	643	1,098	8,519	19,151	7,888
U. Wyoming	121	67,771	775	3,456	13,194	1,030	1,096	822	4,371	23,717	9,825	9,485
U. Texas, San Antonio	122	67,694	5,629	1,505	8,104	1,366	4,087	2,525	6,414	1,311	10,542	26,211
George Mason U.	123	66,769	3,010	1,904	16,611	723	1,221	1,193	23,478	12	8,361	10,256
U. Texas Health Science Center, Houston	124	66,008	0	0	66,008	0	0	0	0	0	0	0
U. California, Santa Barbara	125	65,230	3,747	8,560	361	200	10,774	846	4,783	6,658	18,969	10,332
New Jersey Institute of Technology	126	64,230	7,459	0	5,574	4,238	9,168	0	470	16	31,268	6,037
Mississippi State U.	127	63,773	2,001	2,205	37,630	216	3,033	432	4,851	1,516	9,353	2,536
U. North Texas, Denton	128	63,577	7,615	418	9,679	1,346	5,602	1,918	4,317	0	8,184	24,498
Brown U.	129	63,031	4,289	3,328	26,890	3,451	4,180	232	6,414	1,105	4,619	8,523
Augusta U.	130	62,558	42	0	59,300	42	88	84	70	0	0	2,932
Georgia Institute of Technology	131	61,494	17,343	904	4,175	48	847	54	1,001	0	32,293	4,829

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Tulane U.	132	60,978	521	1,685	37,184	332	1,187	848	2,276	0	1,717	15,228
Montana State U., Bozeman	133	59,067	955	1,758	20,849	1,321	4,975	363	1,040	7,354	9,263	11,189
U. Texas Medical Branch	134	58,807	0	0	52,282	0	0	0	0	0	6,525	0
U. Memphis	135	58,132	4,018	861	4,988	5	2,743	3,923	5,205	7,082	4,640	24,667
U. Rochester	136	57,142	521	436	49,495	6	2,331	1,121	275	888	1,942	127
U. California, Riverside	137	55,114	441	4,384	35,003	498	1,147	379	3,987	477	4,349	4,449
California Institute of Technology	138	53,950	1,351	4,385	8,765	84	20,916	86	348	9,380	8,613	22
U. Montana, Missoula	139	53,689	1,281	2,464	19,717	504	2,210	385	20,162	0	0	6,966
U. New Hampshire	140	52,786	703	5,071	19,510	1,157	2,776	605	3,407	0	9,131	10,426
U. North Carolina, Charlotte	141	52,624	3,682	1,767	5,063	1,475	2,112	1,363	6,648	0	11,341	19,173
U. Colorado Anschutz Medical Campus	142	52,000	0	17	50,893	0	38	89	46	0	35	882
U. Nevada, Las Vegas	143	51,945	707	1,869	17,576	2,282	4,258	1,020	5,863	845	6,166	11,359
U. California, Santa Cruz	144	51,368	2,354	8,157	7,422	278	14,363	649	3,570	535	8,492	5,548
U. North Dakota	145	50,685	1,683	2,968	14,279	444	2,086	4,555	1,538	130	14,140	8,862
U. Massachusetts, Medical School	146	50,479	0	0	50,479	0	0	0	0	0	0	0
U. Texas, Arlington	147	50,435	2,839	1,054	10,207	628	6,759	1,719	53	0	14,558	12,618
Oregon Health and Science U.	148	48,537	0	0	47,214	0	1	0	0	0	1,322	0
U. Louisiana, Lafayette	149	46,907	4,695	1,405	7,084	2,069	3,352	55	136	0	13,697	14,414
U. Chicago	150	46,651	576	314	25,809	472	7,804	567	7,275	0	2,621	1,213
CUNY, Graduate Center	151	45,484	1,008	830	3,604	1,316	1,808	5,206	12,592	53	0	19,067
Rensselaer Polytechnic Institute	152	45,192	3,872	607	2,092	1,531	6,267	1,153	1,276	0	21,462	6,932
Baylor U.	153	45,076	1,219	2,200	7,191	938	5,833	2,988	1,693	4,335	5,576	13,103
U. Texas, El Paso	154	44,987	1,293	1,149	7,021	1,214	3,434	1,921	2,012	1,355	11,868	13,720
American U.	155	44,220	641	470	1,208	987	1,184	1,056	10,155	3,084	0	25,435
Drexel U.	156	43,396	1,288	0	23,831	142	1,336	840	493	1,267	9,428	4,771
U. Alaska, Fairbanks	157	42,733	40	12,075	10,250	2	2,793	0	1,805	5,008	10,737	23
U. Colorado Boulder	158	42,462	445	3,491	4,774	7	7,119	3,093	1,986	167	12,067	9,313
U. Maryland, Baltimore County	159	42,409	6,467	3,319	5,038	2,028	3,274	1,568	7,069	1,358	4,575	7,713
Brandeis U.	160	41,318	1,618	0	6,739	1,517	6,378	2,186	7,921	75	5,763	9,121
Michigan Technological U.	161	40,859	3,443	2,340	5,053	1,871	2,924	512	945	608	19,979	3,184
U. Massachusetts, Lowell	162	39,726	2,365	451	4,274	927	3,790	970	3,121	0	18,744	5,084
San Jose State U.	163	38,582	381	2,644	3,524	1,173	2,746	821	3,756	0	5,960	17,577
Cold Spring Harbor Laboratory	164	38,367	0	0	38,367	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 2023

(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. Texas, Dallas	165	38,169	1,616	459	9,623	530	2,215	1,473	636	18	11,319	10,280
Kent State U.	166	37,300	1,024	627	5,491	1,355	4,923	2,413	4,637	1,357	1,084	14,389
U. Texas Rio Grande Valley	167	37,248	2,042	1,502	8,151	2,458	2,938	1,042	4,553	0	3,437	11,125
Van Andel Research Institute	168	36,082	0	0	36,082	0	0	0	0	0	0	0
William & Mary	169	35,413	617	23,827	997	66	1,066	53	4,102	342	0	4,343
U. Tennessee, Health Science Center	170	34,783	4	0	34,516	0	0	0	0	224	0	39
Indiana U.-Purdue U., Indianapolis	171	34,236	1,973	395	9,296	107	837	481	7,290	2,277	2,900	8,680
Tufts U.	172	33,998	1,306	75	17,405	240	1,387	1,097	3,913	776	4,720	3,079
Wichita State U.	173	33,911	0	162	1,763	617	1,126	910	1,148	0	18,831	9,354
Southern Methodist U.	174	33,204	120	1,103	1,341	751	5,935	247	1,368	1,987	5,077	15,275
Nova Southeastern U.	175	32,874	568	3,280	19,603	268	359	1,694	2,439	1,329	108	3,226
Ohio U.	176	31,828	10	724	11,657	13	2,623	951	1,205	0	6,974	7,671
U. Alabama, Huntsville	177	30,635	3,933	2,586	2,124	555	4,297	248	290	0	11,063	5,539
Oregon State U.	178	30,449	857	2,927	20,773	11	73	119	768	280	4,640	1
Georgia Southern U.	179	30,268	1,017	437	6,225	1,456	1,615	1,025	3,931	23	2,717	11,822
Utah State U.	180	30,207	1,910	588	11,246	455	1,533	2,772	538	0	9,938	1,227
Southern Illinois U., Carbondale	181	29,972	799	713	17,852	78	1,221	1,126	2,947	1,038	1,725	2,473
Montclair State U.	182	29,934	969	1,333	4,130	1,228	1,549	5,917	3,640	0	37	11,131
U. Rhode Island	183	29,165	0	12,702	4,978	0	1,959	632	1,869	472	1,759	4,794
East Carolina U.	184	28,495	185	2,766	17,664	13	979	715	373	0	1,109	4,691
U. Massachusetts, Boston	185	27,225	1,160	1,773	3,231	536	1,407	2,111	6,411	564	497	9,535
Wake Forest U.	186	26,886	137	0	21,707	328	691	200	743	0	396	2,684
Western Michigan U. and Homer Stryker M.D. School of Medicine	187	25,832	576	1,391	5,918	1,163	842	1,193	3,007	29	5,566	6,147
SUNY, Polytechnic Institute	188	25,429	0	0	351	0	0	0	0	0	25,078	0
Kennesaw State U.	189	24,976	4,092	0	4,794	184	89	0	76	0	2,462	13,279
East Tennessee State U.	190	24,910	0	0	3,436	0	0	0	0	0	0	21,474
Louisiana State U., Health Sciences Center, New Orleans	191	24,332	0	0	24,332	0	0	0	0	0	0	0
Old Dominion U.	192	23,954	768	1,025	5,714	200	1,624	340	434	0	12,032	1,817
Chapman U.	193	23,533	769	149	8,901	0	227	15	599	0	1,813	11,060
Florida Atlantic U.	194	23,101	878	24	9,297	341	989	940	820	0	2,281	7,531
Howard U.	195	22,461	873	0	17,152	110	787	819	164	0	1,851	705
U. Toledo	196	22,250	0	1,759	13,086	6	2,474	144	25	0	3,437	1,319
U. California, Office of the President	197	22,143	0	0	13,176	0	8,957	0	0	0	0	10

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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. Massachusetts, Dartmouth	198	21,993	2,014	5,267	2,224	1,235	2,605	38	101	0	7,987	522
Saint Louis U.	199	21,971	294	6,141	9,203	19	780	125	751	0	793	3,865
North Carolina A&T State U.	200	21,880	20	0	10,506	88	221	8	0	576	5,774	4,687
U. West Florida	201	20,955	1,500	9	2,025	21	815	339	2,538	40	675	12,993
U. California, Merced	202	20,709	557	1,413	1,828	661	1,809	280	1,822	1,375	9,123	1,841
Rowan U.	203	20,501	395	837	3,931	281	1,156	783	986	0	5,282	6,850
U. Idaho	204	20,377	867	627	13,805	18	575	15	637	286	2,140	1,407
Worcester Polytechnic Institute	205	20,202	2,094	0	1,147	1,450	1,815	0	900	0	10,420	2,376
U. Missouri, Kansas City	206	20,030	928	54	12,652	0	740	233	237	1,639	2,147	1,400
U. Oregon	207	19,590	488	1,928	5,648	67	2,310	1,573	1,058	1,773	513	4,232
Cleveland State U.	208	19,420	0	0	2,612	762	1,013	606	3,649	0	3,587	7,191
U. South Alabama	209	19,291	52	2,872	13,623	81	154	872	375	0	1,238	24
Rochester Institute of Technology	210	19,161	3,960	0	443	614	3,971	5	851	0	7,101	2,216
Louisiana Tech U.	211	19,098	1,720	0	1,725	608	1,649	50	573	0	8,636	4,137
California State U., Fullerton	212	18,925	810	382	2,501	730	1,301	727	1,807	1,248	733	8,686
New Mexico State U.	213	18,791	822	607	6,836	48	2,602	141	79	417	6,236	1,003
Boston C.	214	18,254	719	1,932	2,118	60	2,327	1,162	3,353	0	545	6,038
Marquette U.	215	18,010	560	0	5,517	454	509	865	503	0	3,048	6,554
Missouri U. of Science and Technology	216	17,847	1,847	0	614	9	548	53	8	886	13,333	549
Villanova U.	217	17,513	371	408	2,213	56	1,509	830	1,679	0	6,062	4,385
Fordham U.	218	16,377	339	60	370	386	885	422	1,355	0	0	12,560
Illinois State U.	219	16,099	64	71	471	26	395	21	242	0	0	14,809
James Madison U.	220	16,041	866	904	2,603	86	1,051	968	538	6	250	8,769
Oakland U.	221	15,987	1,567	0	3,409	0	5,447	126	0	0	4,888	550
Southern Illinois U., Edwardsville	222	15,854	0	0	10,261	0	0	0	0	0	5,593	0
Northern Illinois U.	223	15,720	485	294	947	26	1,701	332	4,884	0	1,720	5,331
Woods Hole Oceanographic Institution	224	15,591	0	12,682	0	0	0	0	0	0	2,909	0
Northern Arizona U.	225	15,566	1,355	618	9,431	21	1,438	50	20	562	701	1,370
San Francisco State U.	226	14,434	1,111	1,153	3,178	870	1,678	1,357	1,628	38	1,354	2,067
Colorado School of Mines	227	14,035	87	1,177	21	127	1,945	8	18	0	8,536	2,116
Long Island U.	228	13,844	198	59	7,308	226	814	1,077	680	0	0	3,482
Central Michigan U.	229	13,833	50	146	10,659	17	37	66	44	1,440	138	1,236
Naval Postgraduate School	230	13,261	2,084	303	163	394	69	9	2,081	2,829	4,899	430

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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. South Dakota	231	13,128	108	0	6,150	236	1,472	852	1,049	224	275	2,762
U. Wisconsin-Milwaukee	232	13,084	88	2,650	1,670	17	1,308	544	1,279	1,539	1,983	2,006
Loyola U., Chicago	233	12,892	103	0	10,557	57	608	396	357	0	138	676
Miami U.	234	12,745	432	193	2,942	476	488	1,011	670	0	2,318	4,215
Tarleton State U.	235	12,689	236	164	4,494	111	297	493	927	1,310	649	4,008
California Polytechnic State U., San Luis Obispo	236	12,550	1	204	2,919	570	3,211	19	60	0	1,853	3,713
Towson U.	237	12,449	1,315	0	2,084	662	992	644	2,157	78	0	4,517
U. Puerto Rico, Rio Piedras	238	12,414	296	355	794	23	1,196	0	1,204	753	350	7,443
U. North Florida	239	12,378	396	0	1,568	22	878	420	640	0	2,791	5,663
U. New Orleans	240	12,325	865	233	823	332	1,023	561	1,009	262	1,411	5,806
Rush U.	241	12,316	0	0	12,316	0	0	0	0	0	0	0
U. Southern Mississippi	242	12,285	75	2,838	959	0	721	0	378	0	5,387	1,927
Boise State U.	243	12,190	819	1,114	3,334	122	1,783	37	755	790	2,122	1,314
Texas Christian U.	244	12,066	0	578	2,521	441	2,529	1,228	8	0	0	4,761
Lehigh U.	245	11,921	895	217	1,533	20	1,207	54	29	39	7,330	597
U. North Texas, Health Science Center	246	11,773	0	0	11,761	0	0	0	12	0	0	0
Air Force Institute of Technology	247	11,659	1,643	148	0	23	1,801	0	0	0	8,044	0
SUNY, Upstate Medical U.	248	11,303	0	0	11,303	0	0	0	0	0	0	0
U. Minnesota, Duluth	249	11,092	85	118	8,935	82	233	20	149	0	1,071	399
CUNY, City C.	250	10,996	2	49	505	22	534	22	27	0	787	9,048
U. Puerto Rico, Medical Sciences Campus	251	10,781	0	0	10,781	0	0	0	0	0	0	0
U. North Carolina, Greensboro	252	10,750	366	0	3,304	42	1,294	771	532	18	0	4,423
Tennessee State U.	253	10,740	101	0	5,356	0	0	0	0	0	0	5,283
Morehouse School of Medicine	254	10,710	0	0	10,710	0	0	0	0	0	0	0
Marshall U.	255	10,608	15	135	6,597	27	158	0	38	0	1,028	2,610
California State U., East Bay	256	9,969	136	222	1,305	180	316	418	655	0	155	6,582
Stevens Institute of Technology	257	9,833	548	0	16	52	317	0	19	0	8,295	586
Creighton U.	258	9,597	285	0	7,106	73	484	104	599	0	0	946
CUNY, Hunter C.	259	9,506	194	35	1,693	56	735	1,491	446	0	0	4,856
Texas Tech U., Health Sciences Center	260	9,432	0	0	9,384	0	0	0	0	0	0	48
Midwestern U.	261	9,430	0	0	9,430	0	0	0	0	0	0	0
U. Maryland Center for Environmental Science	262	9,309	0	9,309	0	0	0	0	0	0	0	0
Bowling Green State U.	263	9,214	255	189	1,614	117	723	565	1,600	110	54	3,987

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Clarkson U.	263	9,214	31	0	570	153	1,445	70	384	0	5,608	953
Rutgers, State U. New Jersey, Newark	265	9,143	97	991	2,133	0	1,281	726	961	171	0	2,783
Mercer U.	266	8,973	141	0	5,647	238	1,646	268	61	159	729	84
U. Tulsa	267	8,079	429	51	904	4	503	597	254	0	1,575	3,762
Louisiana State U., Health Sciences Center, Shreveport	268	8,014	0	0	8,014	0	0	0	0	0	0	0
Catholic U. of America	269	7,957	118	0	906	0	1,304	767	90	0	627	4,145
Kean U.	270	7,954	974	129	1,171	187	450	269	1,727	70	1	2,976
Loyola Marymount U.	271	7,708	46	5	998	0	106	599	1,773	106	0	4,075
Oklahoma State U., Center for Health Sciences	272	7,600	107	0	7,005	0	0	469	0	0	0	19
U. San Diego	273	7,498	0	147	423	239	712	66	733	0	256	4,922
U. Akron	274	7,434	52	86	226	15	3,535	205	92	150	2,561	512
Pepperdine U.	275	7,179	5	0	408	217	139	891	2,351	117	0	3,051
Touro U., New York	276	7,152	0	0	7,147	0	0	0	0	0	0	5
Bryn Mawr C.	277	7,105	283	297	513	458	600	463	1,379	0	0	3,112
Texas Tech U., Health Sciences Center, El Paso	278	6,947	0	0	6,255	0	0	0	0	0	0	692
U. Northern Colorado	279	6,848	88	247	1,043	282	317	858	621	0	0	3,392
U. San Francisco	279	6,848	145	13	1,076	145	211	772	301	13	4	4,168
Sam Houston State U.	281	6,787	0	0	778	0	34	90	2,948	0	19	2,918
Edward Via C. of Osteopathic Medicine	282	6,699	0	0	6,699	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	283	6,585	91	4	152	24	475	53	1	3,400	266	2,119
Florida A&M U.	284	6,503	0	131	3,347	5	32	4	111	0	258	2,615
SUNY, C. of Environmental Science and Forestry	285	6,234	78	873	3,546	1	291	656	0	0	483	306
South Dakota State U.	286	6,156	4	69	4,368	0	248	65	111	0	1,141	150
Yeshiva U.	287	6,104	453	0	1,865	1,542	0	0	0	204	0	2,040
Roseman U. of Health Sciences	288	5,953	0	0	5,953	0	0	0	0	0	0	0
California State U., Sacramento	289	5,821	50	60	527	86	211	67	912	894	960	2,054
Grinnell C.	290	5,816	451	0	510	297	779	28	1,202	0	0	2,549
Southern Connecticut State U.	291	5,810	184	208	748	14	267	213	459	95	0	3,622
Hofstra U.	292	5,786	31	51	1,217	141	377	339	357	0	260	3,013
Portland State U.	293	5,753	1	112	1,786	28	224	31	993	0	1,512	1,066
California State Polytechnic U., Humboldt	294	5,724	9	319	1,775	12	252	4	606	378	2,086	283
Morgan State U.	295	5,635	96	375	1,983	12	108	23	1,197	0	701	1,140
Clark U.	296	5,610	124	267	1,071	15	727	580	2,759	0	0	67

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Azusa Pacific U.	297	5,545	119	0	2,688	49	201	722	25	0	7	1,734
CUNY, Queens C.	298	5,536	219	276	2,458	97	642	608	345	583	0	308
Eastern Michigan U.	299	5,463	47	65	1,361	141	87	142	932	10	414	2,264
Claremont McKenna C.	300	5,293	0	0	0	0	0	126	4,705	44	0	418
U. Missouri, Saint Louis	301	5,245	97	13	1,913	4	765	375	718	195	0	1,165
Texas A&M U.-Corpus Christi	302	5,118	45	2,112	804	44	76	7	88	372	161	1,409
Western Washington U.	303	5,107	216	242	339	140	533	158	692	483	310	1,994
CUNY, John Jay C. of Criminal Justice	304	5,096	6	0	3	7	67	129	219	35	0	4,630
U. Denver	305	5,028	325	25	349	7	462	677	728	0	555	1,900
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	306	5,021	0	0	5,021	0	0	0	0	0	0	0
Loma Linda U.	307	4,913	0	0	4,775	0	0	137	0	0	0	1
Western Kentucky U.	308	4,906	13	737	1,571	38	667	679	280	0	265	656
U. Nebraska, Omaha	309	4,886	665	85	660	83	27	40	1,126	758	245	1,197
U. Central Oklahoma	310	4,867	103	0	2,466	48	349	76	240	0	502	1,083
Wright State U.	311	4,837	289	115	3,775	39	73	118	0	78	333	17
Tennessee Technological U.	312	4,623	618	20	1,433	0	209	105	41	1	1,396	800
Langston U.	313	4,583	0	0	4,423	6	16	89	0	0	0	49
Desert Research Institute	314	4,378	0	3,811	567	0	0	0	0	0	0	0
Idaho State U.	315	4,362	508	100	1,070	5	634	16	33	282	1,687	27
U. Michigan, Dearborn	316	4,361	8	0	20	112	346	55	159	0	3,118	543
Duquesne U.	317	4,349	0	67	3,046	25	216	25	74	0	56	840
Florida Institute of Technology	318	4,253	486	479	362	88	1,028	372	0	0	1,257	181
West Chester U. Pennsylvania	319	4,176	39	47	491	109	202	168	550	0	51	2,519
Middle Tennessee State U.	320	4,173	424	51	647	80	556	25	436	0	51	1,903
Texas Southern U.	321	4,042	4	0	2,705	5	59	0	1,075	0	6	188
Delaware State U.	322	3,975	0	414	1,885	0	939	0	375	0	243	119
Ball State U.	323	3,956	38	0	949	53	365	156	351	0	32	2,012
Salisbury U.	324	3,904	127	311	745	133	294	38	134	36	3	2,083
Sacred Heart U.	325	3,892	334	0	664	96	108	94	567	0	0	2,029
U. Alaska, Anchorage	326	3,798	48	561	1,360	0	133	0	752	110	588	246
U. Texas Health Science Center, Tyler	327	3,795	0	0	3,795	0	0	0	0	0	0	0
California State U., Fresno	328	3,770	26	28	2,668	202	115	18	168	0	197	348

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Charles R. Drew U. of Medicine and Science	329	3,758	0	0	3,758	0	0	0	0	0	0	0
Reed C.	330	3,745	67	0	1,506	53	363	135	454	0	0	1,167
Texas A&M U.-Commerce	331	3,726	209	0	1,496	103	337	255	204	0	112	1,010
Eastern Virginia Medical School	332	3,650	0	0	3,650	0	0	0	0	0	0	0
California State U., Long Beach	333	3,618	110	36	1,003	142	363	181	193	183	560	847
Prairie View A&M U.	334	3,550	0	0	2,462	0	130	5	13	0	564	376
Florida Gulf Coast U.	335	3,533	3	2,201	169	18	178	40	0	0	96	828
Wesleyan U.	336	3,515	0	416	330	196	725	229	230	85	0	1,304
DePaul U.	337	3,512	393	0	116	5	5	45	93	0	0	2,855
New School	338	3,483	0	0	91	0	0	0	1,038	0	576	1,778
Albany Medical C.	339	3,464	0	0	3,464	0	0	0	0	0	0	0
Gallaudet U.	340	3,462	617	11	1,423	31	124	70	1,013	0	0	173
Northeast Ohio Medical U.	341	3,440	0	10	3,376	0	0	0	12	30	0	12
SUNY, Downstate Health Sciences U.	342	3,431	0	0	3,431	0	0	0	0	0	0	0
New Mexico Institute of Mining and Technology	343	3,375	106	888	28	3	57	0	0	0	2,219	74
Trinity C., Hartford	344	3,330	123	0	422	226	92	142	810	0	69	1,446
Texas A&M U.-Kingsville	345	3,311	0	127	2,416	0	15	1	0	255	389	108
Suffolk U.	346	3,303	0	0	0	0	0	1,172	989	0	0	1,142
Indiana U. Pennsylvania	347	3,293	2	55	365	1	0	419	275	3	0	2,173
Rosalind Franklin U. of Medicine and Science	348	3,270	0	0	3,214	0	0	56	0	0	0	0
Des Moines U.	349	3,225	0	0	3,164	0	0	0	51	0	0	10
Rutgers, State U. New Jersey, Camden	350	3,214	496	0	3	0	23	8	1,025	0	0	1,659
Appalachian State U.	351	3,123	126	166	1,394	43	442	63	138	0	266	485
Amherst C.	352	3,104	161	144	376	136	350	224	531	386	0	796
Montana Technological U.	353	3,057	5	1,942	79	0	52	0	0	0	979	0
Colgate U.	354	3,041	102	302	382	39	756	78	447	0	0	935
U. North Carolina, Wilmington	355	3,028	84	2,071	226	0	98	64	51	384	0	50
U. Oklahoma, Tulsa	356	2,963	0	0	1,239	0	0	15	60	0	310	1,339
Grand Valley State U.	357	2,906	40	2,130	316	1	82	0	25	0	40	272
Alcorn State U.	358	2,894	0	0	1,505	0	0	0	1,073	0	316	0
Alabama A&M U.	359	2,848	67	0	1,701	14	139	44	131	0	467	285
Philadelphia C. of Osteopathic Medicine	359	2,848	0	0	2,848	0	0	0	0	0	0	0
California State U., Monterey Bay	361	2,706	65	1,370	1,122	14	8	0	62	0	23	42

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Pomona C.	362	2,659	156	262	314	71	477	313	680	0	0	386
California State U., Bakersfield	363	2,580	0	56	273	384	36	13	398	0	302	1,118
Swarthmore C.	364	2,578	12	0	238	63	193	124	287	0	337	1,324
Virginia State U.	365	2,566	0	0	1,707	0	0	0	0	0	859	0
Tuskegee U.	366	2,539	0	0	2,324	0	0	0	0	0	215	0
Clark Atlanta U.	367	2,523	0	0	2,325	0	190	0	0	0	0	8
South Dakota School of Mines and Technology	368	2,381	24	0	0	0	451	0	0	0	1,906	0
West Texas A&M U.	369	2,243	23	0	1,771	1	30	0	0	110	113	195
Seattle U.	370	2,223	13	0	242	52	127	162	92	0	146	1,389
U. Arkansas, Pine Bluff	371	2,219	0	0	1,798	0	10	0	0	363	0	48
CUNY, Advanced Science Research Center	372	2,201	0	42	822	0	1,199	0	0	0	112	26
Smith C.	373	2,179	24	53	661	113	139	64	219	5	81	820
Williams C.	374	2,164	36	119	822	29	198	74	248	0	0	638
New York Institute of Technology	375	2,146	71	0	1,997	0	0	0	0	0	78	0
Pacific U.	376	2,053	0	0	1,672	0	15	6	39	0	0	321
California State U., San Bernardino	377	2,051	39	29	286	86	75	595	95	208	173	465
Illinois Institute of Technology	378	2,045	211	0	525	21	147	0	2	6	1,099	34
Bucknell U.	379	2,031	103	119	242	29	66	51	196	91	792	342
CUNY, Brooklyn C.	380	1,998	26	99	126	167	128	33	43	0	0	1,376
California State U., Dominguez Hills	381	1,996	133	29	324	81	236	223	425	0	27	518
Elon U.	382	1,989	42	0	292	86	71	77	280	0	24	1,117
Marymount U.	383	1,983	165	0	529	39	32	156	287	0	61	714
Pennsylvania State U., Behrend	384	1,823	0	1,022	309	0	33	0	0	0	155	304
Hamilton C.	385	1,813	77	144	164	16	481	38	267	0	0	626
Sul Ross State U.	386	1,804	0	0	743	0	68	0	0	141	0	852
Central State U.	387	1,743	0	0	1,743	0	0	0	0	0	0	0
Marian U., Indianapolis	388	1,709	0	0	1,168	40	15	0	9	419	0	58
Coastal Carolina U.	389	1,694	1	389	225	0	115	65	260	3	10	626
Hope C.	390	1,678	21	38	77	53	978	2	187	0	12	310
Saint Joseph's U.	391	1,657	93	0	977	5	179	20	55	0	0	328
Toyota Technological Institute, Chicago	392	1,633	1,633	0	0	0	0	0	0	0	0	0
Purdue U., Northwest	393	1,604	30	0	335	0	34	3	0	65	415	722
Jackson State U.	394	1,601	67	0	214	33	559	0	71	226	262	169

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Lewis and Clark C.	395	1,590	24	1	78	0	34	0	57	0	0	1,396
Lincoln Memorial U.	396	1,589	0	0	1,570	0	0	0	0	0	0	19
Northwest Indian C.	396	1,589	0	0	0	0	0	0	0	0	0	1,589
Lipscomb U.	398	1,571	0	0	229	0	6	0	0	0	59	1,277
U. New England	399	1,548	0	163	1,351	2	15	0	1	0	0	16
Texas A&M International U.	400	1,542	9	15	254	2	6	19	292	494	14	437
Minnesota State U., Mankato	401	1,537	2	0	176	0	0	300	38	0	727	294
Saint John's U.	402	1,479	26	0	618	17	142	49	164	0	0	463
U. South Carolina, Aiken	403	1,453	3	8	235	13	159	24	1	0	0	1,010
California State Polytechnic U., Pomona	404	1,438	34	4	968	0	46	0	11	0	225	150
Touro U., California	405	1,405	0	0	1,405	0	0	0	0	0	0	0
Texas Woman's U.	406	1,396	0	0	905	12	177	177	35	0	0	90
Harvey Mudd C.	407	1,389	96	0	99	129	598	0	0	85	339	43
Missouri State U.	408	1,387	0	49	311	0	42	14	18	0	953	0
C. of Saint Benedict	409	1,342	23	0	561	16	129	44	149	0	0	420
CUNY, Graduate School of Public Health and Health Policy	410	1,330	0	0	1,330	0	0	0	0	0	0	0
Liberty U.	411	1,315	0	0	527	0	0	0	0	0	573	215
U. Nebraska, Kearney	412	1,307	89	0	473	1	217	28	39	0	0	460
C. Charleston	413	1,285	12	107	288	96	243	42	62	0	0	435
California State U., Northridge	414	1,278	0	97	140	8	606	116	25	0	44	242
Franklin and Marshall C.	415	1,273	42	22	68	8	169	124	144	0	0	696
U. Central del Caribe	416	1,270	0	0	1,270	0	0	0	0	0	0	0
Eastern Connecticut State U.	417	1,239	61	18	44	115	7	158	21	3	0	812
Trinity U.	418	1,238	59	84	147	26	472	54	48	0	35	313
Christopher Newport U.	419	1,218	0	0	412	5	86	61	125	0	0	529
U. Richmond	419	1,218	0	50	240	51	101	125	105	0	0	546
Seton Hall U.	421	1,195	350	0	360	75	170	0	0	0	0	240
Xavier U. Louisiana	422	1,161	0	0	1,161	0	0	0	0	0	0	0
Northern Kentucky U.	423	1,113	37	0	314	25	201	205	121	5	0	205
Pace U.	424	1,101	30	0	556	0	54	0	19	0	0	442
Purdue U., Fort Wayne	425	1,087	0	0	159	113	43	94	82	73	60	463
U. Guam	426	1,083	0	78	990	5	0	0	10	0	0	0
Northern Michigan U.	427	1,079	0	23	519	35	15	75	70	0	0	342

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
New York Medical C.	428	1,064	0	0	1,064	0	0	0	0	0	0	0
U. Wisconsin-Superior	429	1,062	0	420	642	0	0	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	430	1,060	0	0	1,060	0	0	0	0	0	0	0
U. of the Incarnate Word	431	1,050	0	0	783	0	0	0	0	0	0	267
Union C., Schenectady	432	1,048	46	28	77	45	256	38	98	14	232	214
U. Colorado Colorado Springs	433	1,042	116	37	211	19	108	81	77	0	75	318
Barnard C.	434	1,006	77	25	226	0	51	63	304	0	0	260
Fayetteville State U.	435	1,005	i 156	i 0	i 226	i 0	i 0	i 0	i 64	i 0	i 0	i 559
Colorado C.	436	1,000	15	32	122	14	106	69	119	0	0	523
U. Wisconsin-Stevens Point	437	997	2	117	843	0	14	0	0	0	21	0
Murray State U.	438	993	0	128	814	2	47	0	0	0	0	2
CUNY, Baruch C.	439	988	0	114	49	66	0	15	101	9	0	634
Claremont Graduate U.	440	984	0	0	0	0	0	0	984	0	0	0
CUNY, C. Staten Island	441	975	21	7	26	32	46	33	15	0	2	793
Wheaton C., Wheaton	442	966	0	51	209	0	33	151	444	0	0	78
Willamette U.	443	961	4	40	86	8	47	6	0	70	0	700
Haverford C.	444	955	i 16	i 45	i 380	i 11	i 87	i 30	i 101	i 0	i 0	i 285
Dillard U.	445	951	0	0	664	0	0	0	0	163	0	124
West Virginia School of Osteopathic Medicine	446	947	i 0	i 0	i 945	i 0	i 0	i 0	i 0	i 0	i 0	i 2
Davidson C.	447	915	0	0	325	106	253	62	81	0	0	88
Roger Williams U.	448	912	1	183	279	0	84	54	0	52	20	239
U. Northern Iowa	449	911	0	210	63	1	36	0	547	0	0	54
Radford U.	450	903	22	14	154	0	0	9	90	86	0	528
Bowdoin C.	451	901	14	22	329	10	184	11	118	0	0	213
Marshall B. Ketchum U.	452	890	i 0	i 0	i 890	i 0	i 0	i 0	i 0	i 0	i 0	i 0
South Carolina State U.	452	890	0	0	0	0	0	0	0	0	0	890
Albany C. of Pharmacy and Health Sciences	454	882	i 0	i 0	i 882	i 0	i 0	i 0	i 0	i 0	i 0	i 0
Indiana U., South Bend	455	875	5	0	141	0	85	72	31	233	0	308
Vassar C.	456	872	22	40	236	9	157	135	103	0	0	170
U. North Georgia	457	871	0	0	42	5	116	0	13	0	0	695
U. Wisconsin-Green Bay	458	868	i 19	i 30	i 500	i 6	i 39	i 12	i 38	i 0	i 139	i 85
Embry-Riddle Aeronautical U.	459	862	94	188	95	18	90	0	23	0	332	22
U. Dayton	460	861	13	5	31	17	0	16	21	0	271	487

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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. Texas of the Permian Basin	461	832	0	88	42	7	4	0	4	0	35	652
U. Illinois, Springfield	462	818	0	0	0	0	0	15	90	21	0	692
Stockton U.	463	815	0	524	0	0	0	0	291	0	0	0
U. Hawaii, Hilo	464	809	0	119	649	1	8	0	3	29	0	0
California State U., Los Angeles	465	788	0	0	46	0	361	150	215	0	0	16
Lawrence Technological U.	466	784	0	0	0	0	0	0	0	0	79	705
CUNY, Lehman C.	467	782	6	7	86	8	117	13	45	3	0	497
C. Wooster	468	775	55	22	147	67	193	12	115	0	0	164
St. Edward's U.	469	762	20	50	362	35	70	60	140	25	0	0
Babson C.	470	758	0	0	0	24	0	0	206	0	0	528
Southeastern Louisiana U.	470	758	41	0	193	0	64	0	6	0	56	398
Fairfield U.	472	751	32	4	73	38	44	51	29	47	70	363
Pennsylvania State U., Harrisburg	473	742	0	0	0	0	0	405	169	0	127	41
California State U., Channel Islands	474	737	8	0	319	144	124	7	37	23	0	75
La Sierra U.	475	734	0	0	4	0	1	42	0	0	0	687
CUNY, system office	476	730	0	0	5	0	0	0	0	22	0	703
Florida Polytechnic U.	477	723	76	0	0	30	1	0	67	0	532	17
Andrews U.	478	721	1	3	43	2	3	0	95	0	6	568
Lake Superior State U.	479	720	0	0	720	0	0	0	0	0	0	0
St. Cloud State U.	480	719	7	3	119	0	8	3	82	0	15	482
Winthrop U.	481	707	0	0	153	8	108	0	81	0	0	357
Lafayette C.	482	687	18	23	60	13	72	47	123	0	136	195
St. Olaf C.	483	686	20	18	244	63	132	31	58	0	0	120
Norfolk State U.	484	677	0	0	0	0	0	0	0	0	202	475
Whitman C.	485	676	17	15	214	0	84	93	83	0	0	170
Pennsylvania State U., Altoona	486	666	0	0	461	39	71	0	0	0	33	62
Dakota State U.	487	660	660	0	0	0	0	0	0	0	0	0
Franklin W. Olin C. of Engineering	488	639	0	0	0	0	0	0	0	0	609	30
U. Wisconsin-La Crosse	488	639	12	32	154	0	28	15	250	4	0	144
California State U., Chico	490	636	3	11	417	0	53	0	13	0	76	63
Robert Morris U.	491	632	80	0	33	13	7	23	20	0	37	419
U. Central Arkansas	492	615	26	2	292	0	46	0	22	0	0	227
U. North Carolina, Asheville	492	615	0	20	111	0	5	0	45	51	0	383

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
SUNY, C. Brockport	494	610	12	0	425	0	133	0	21	0	0	19
Meharry Medical C.	495	603	0	0	603	0	0	0	0	0	0	0
SUNY, Oswego	496	595	5	21	73	5	83	5	30	251	26	96
SUNY, C. of Optometry	497	594	0	0	594	0	0	0	0	0	0	0
Providence C.	498	582	0	2	156	0	2	0	27	0	0	395
Colby C.	499	580	0	16	161	37	66	28	145	0	0	127
U. of St. Thomas (MN)	500	578	0	0	12	0	82	95	3	0	112	274
Connecticut C.	501	575	20	0	114	0	62	58	0	0	0	321
Hobart and William Smith Colleges	502	572	9	3	460	0	7	2	25	0	0	66
Arkansas State U., Jonesboro	503	561	15	0	398	0	2	11	37	0	66	32
U. of Mary Washington	504	548	19	7	56	2	5	33	13	0	0	413
East Stroudsburg U. Pennsylvania	505	546	9	0	509	0	0	0	9	0	0	19
U. Wisconsin-Oshkosh	506	545	10	26	54	0	38	10	75	0	14	318
Stephen F. Austin State U.	507	541	1	12	122	35	7	1	110	0	0	253
Austin Peay State U.	508	530	0	0	206	0	2	12	106	0	1	203
SUNY, C. Plattsburgh	508	530	0	394	75	0	61	0	0	0	0	0
U. Detroit Mercy	510	529	0	0	428	0	37	23	0	0	30	11
West Virginia State U.	511	521	0	0	521	0	0	0	0	0	0	0
U. Colorado Denver	512	513	1	0	98	5	7	33	8	0	75	286
Skidmore C.	513	510	0	57	148	0	89	58	61	0	0	97
Virginia Military Institute	513	510	92	0	83	46	58	0	19	0	85	127
Macalester C.	515	508	0	17	107	34	84	6	184	0	0	76
Mount Holyoke C.	516	504	4	48	17	18	35	126	25	0	0	231
SUNY, Geneseo	517	491	0	1	54	6	182	60	27	0	0	161
U. Washington, Bothell	518	486	32	26	118	7	76	0	32	22	45	128
Carleton C.	519	483	63	52	48	63	11	2	110	0	0	134
C. New Jersey	520	482	3	0	187	1	48	19	61	42	69	52
Furman U.	520	482	12	22	27	0	359	8	5	0	0	49
Central Connecticut State U.	522	480	27	10	71	40	47	21	50	0	64	150
Saginaw Valley State U.	523	476	13	0	301	0	0	1	29	0	0	132
Eastern Kentucky U.	524	468	0	0	37	0	166	6	9	0	0	250
Oberlin C.	525	463	53	58	25	3	48	9	42	28	0	197
Manhattan C.	526	460	0	0	88	0	0	0	221	0	151	0

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
St. John's U., New York	527	450	9	0	306	0	100	12	0	0	0	23
U. Texas, Tyler	528	432	0	38	81	0	22	11	19	0	185	76
U. Puerto Rico, Mayaguez	529	421	0	45	0	0	131	0	1	0	48	196
U. South Carolina, Beaufort	530	417	127	38	205	9	0	0	3	0	1	34
U. Puerto Rico, Cayey	531	412	0	0	0	0	54	0	0	358	0	0
Troy U.	532	398	0	0	69	0	13	12	12	0	0	292
U. Wisconsin-Eau Claire	533	389	0	19	73	0	160	19	59	0	0	59
Keck Graduate Institute	534	388	0	0	387	0	0	0	0	0	1	0
Western Carolina U.	535	378	0	101	169	0	1	0	26	0	36	45
New C. Florida	536	367	44	9	150	10	22	14	38	0	7	73
William Paterson U.	537	350	5	32	59	1	0	79	14	0	0	160
Bates C.	538	349	46	35	76	8	39	24	64	0	0	57
Colorado State U., Pueblo	539	347	35	0	307	0	0	0	5	0	0	0
Drake U.	540	340	6	0	250	13	10	6	0	0	0	55
Merrimack C.	541	336	0	0	205	0	36	0	59	0	5	31
U. Virginia's C. Wise	542	333	0	0	0	76	0	0	0	0	0	257
Calvin U.	543	330	14	26	66	17	75	2	0	0	19	111
California State U., San Marcos	544	326	0	146	28	0	0	0	0	60	32	60
Hampton U.	545	324	0	0	0	0	0	0	0	0	0	324
Sonoma State U.	546	321	0	44	45	0	33	7	38	5	9	140
National U. of Natural Medicine	547	305	0	0	305	0	0	0	0	0	0	0
Fisk U.	548	304	4	0	43	0	257	0	0	0	0	0
Western New England U.	549	302	0	0	38	0	0	0	0	0	264	0
Northwestern State U. Louisiana	550	299	36	0	46	7	0	2	41	0	2	165
U.S. Coast Guard Academy	551	287	58	17	0	7	38	0	0	0	101	66
Central Washington U.	552	282	21	102	94	9	12	0	25	0	4	15
Monmouth U.	553	280	38	73	54	0	1	0	18	0	0	96
U. Washington, Tacoma	554	278	0	92	26	0	0	0	0	125	0	35
Lamar U.	555	277	0	0	0	0	0	0	0	0	171	106
Ferris State U.	556	271	0	0	244	0	18	0	0	9	0	0
U. Maryland, Eastern Shore	557	266	0	151	115	0	0	0	0	0	0	0
Norwich U.	558	261	0	26	5	8	4	0	1	0	9	208
Black Hills State U.	559	258	25	0	171	0	7	0	0	0	0	55

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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
Citadel Military C. South Carolina	559	258	12	0	33	17	86	2	11	0	34	63
U. Puerto Rico, Humacao	561	252	0	0	0	0	252	0	0	0	0	0
U. Wisconsin-Platteville	562	249	i 5 i	0 i	115 i	4 i	14 i	4 i	24 i	3 i	29 i	51 i
Heidelberg U.	563	243	0	243	0	0	0	0	0	0	0	0
Alfred U.	564	242	0	0	0	0	0	1	0	0	241	0
CUNY, New York City C. of Technology	565	241	10	0	0	24	42	0	20	0	24	121
Western U. of Health Sciences	566	238	0	0	238	0	0	0	0	0	0	0
Palmer C. of Chiropractic, Davenport	567	225	0	0	225	0	0	0	0	0	0	0
Dine C.	568	223	0	0	141	0	0	0	0	0	54	28
Northland C.	569	222	i 0 i	13 i	98 i	3 i	0 i	8 i	26 i	0 i	0 i	74 i
SUNY, Buffalo State U.	569	222	0	40	171	0	0	0	11	0	0	0
Indiana State U.	571	212	0	4	69	0	0	0	0	0	13	126
U. Scranton	571	212	0	6	69	0	31	8	8	0	4	86
Youngstown State U.	573	207	6	0	2	4	16	1	0	0	171	7
U. New Haven	574	204	13	14	33	1	3	0	49	0	52	39
U. Hartford	575	203	11	0	34	0	15	9	17	0	71	46
Butler U.	576	199	0	0	63	4	36	0	18	0	0	78
Abilene Christian U.	577	194	0	0	25	9	18	14	8	0	0	120
U. Southern Maine	578	185	25	16	8	1	0	0	34	0	101	0
Hawaii Pacific U.	579	179	0	144	35	0	0	0	0	0	0	0
Erikson Institute	580	178	0	0	0	0	0	0	0	0	0	178
Ithaca C.	580	178	2	10	19	2	14	6	5	0	0	120
California State U., Stanislaus	582	168	3	2	8	10	32	10	30	0	0	73
CUNY, York C.	583	159	0	39	27	0	16	0	0	0	0	77
U. Puerto Rico, Ponce	584	149	0	0	19	0	0	0	0	0	0	130
Kenyon C.	585	147	0	0	58	20	50	5	14	0	0	0
Gettysburg C.	586	146	0	0	41	0	9	12	9	0	0	75
Fort Lewis C.	587	143	0	33	39	0	11	0	0	0	59	1
U. Houston-Downtown	588	140	15	0	26	0	0	0	0	0	0	99
U. Puget Sound	589	138	3	2	19	3	32	0	5	65	0	9
Bryant U.	590	122	3	0	6	0	0	0	12	0	0	101
U. Hawaii, Maui C.	591	117	32	74	11	0	0	0	0	0	0	0
Gustavus Adolphus C.	592	107	0	15	5	13	34	5	6	0	0	29

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2023

(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. Alaska, Southeast	593	100	0	21	14	0	36	0	15	0	14	0
Milwaukee School of Engineering	594	71	1	0	36	0	0	0	0	0	29	5
U. Arkansas, Little Rock	595	69	10	0	27	0	7	0	1	0	24	0
U.S. Military Academy	596	66	0	6	47	4	0	0	0	0	4	5
Texas A&M U.-San Antonio	597	51	0	0	14	2	0	6	8	21	0	0
Johnson C. Smith U.	598	48	0	0	0	0	0	0	0	0	0	48
U. Houston-Clear Lake	598	48	5	0	21	0	8	0	7	0	4	3
U. of the District of Columbia	598	48	0	0	0	0	0	0	0	0	0	48
New Mexico Highlands U.	601	43	0	0	29	0	0	0	0	0	0	14
Western Illinois U.	602	42	0	0	10	0	0	0	32	0	0	0
U. Wisconsin-River Falls	603	39	0	0	34	0	5	0	0	0	0	0
Utah Valley U.	604	36	0	0	5	0	31	0	0	0	0	0
Framingham State U.	605	35	0	0	10	0	5	0	13	0	0	7
Lincoln U., Jefferson City	606	34	0 i	4 i	27 i	0 i	0 i	0 i	1 i	1 i	0 i	1 i
Southern U. and A&M C., Baton Rouge	606	34	0	0	0	0	0	0	0	0	34	0
New England C. of Optometry	608	30	0	0	30	0	0	0	0	0	0	0
Middlebury C.	609	25	0	0	25	0	0	0	0	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	610	24	0	0	24	0	0	0	0	0	0	0
U. Hawaii, system office	611	22	0	22	0	0	0	0	0	0	0	0
Grambling State U.	612	20	20	0	0	0	0	0	0	0	0	0
MGH Institute of Health Professions	612	20	0	0	0	0	0	0	0	0	0	20
Morehead State U.	614	11	0	0	0	0	0	0	5	0	6	0
Biola U.	615	9	0	0	9	0	0	0	0	0	0	0
Tougaloo C.	616	4 i	0 i	1 i	0 i	0 i	1 i	0 i	0 i	0 i	1 i	1 i
U. Louisiana, Monroe	617	3	0	0	0	0	3	0	0	0	0	0

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

^c Johns Hopkins University includes the Applied Physics Laboratory, with \$55,756 thousand in institutionally financed R&D expenditures in FY 2023.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2023 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.