

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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	-	22,448,362	597,889	656,303	12,432,608	212,549	1,247,864	358,712	1,109,283	451,354	2,794,243	2,587,557
U. Michigan, Ann Arbor	1	581,768	6,730	6,963	277,663	12,054	23,291	10,392	79,188	1,823	60,023	103,641
U. Pennsylvania	2	511,958	9,627	448	305,459	4,494	15,875	3,483	26,784	0	34,065	111,723
Ohio State U.	3	425,597	2,617	2,023	345,534	1,426	7,033	1,393	4,806	17,394	27,783	15,588
U. California, San Francisco	4	418,589	0	0	406,018	0	12,571	0	0	0	0	0
U. Wisconsin-Madison	5	412,540	4,435	19,153	278,279	984	14,871	2,212	18,740	8,469	30,340	35,057
Harvard U.	6	384,197	5,562	6,852	168,035	1,866	30,929	1,875	53,728	8,209	34,083	73,058
Yale U.	7	334,314	1,832	4,331	279,638	1,243	23,030	3,433	8,435	29	9,579	2,764
Vanderbilt U. and Vanderbilt U. Medical Center	8	313,810	5,454	838	217,659	695	13,548	7,859	4,000	0	38,372	25,385
Texas A&M U., College Station and Health Science Center	9	313,192	6,167	14,984	115,994	1,507	20,644	2,388	8,541	4,990	126,297	11,680
U. Minnesota, Twin Cities	10	309,620	11,648	2,806	214,305	1,553	7,636	6,387	9,126	1,574	28,975	25,610
U. Maryland ^a	11	307,481	15,128	4,148	198,371	529	14,767	707	12,870	134	37,831	22,996
U. North Carolina, Chapel Hill	12	304,506	2,607	4,315	241,620	688	8,697	11,498	11,879	15	7,589	15,598
U. California, Los Angeles	13	302,528	1,639	2,767	205,197	562	10,380	2,422	29,813	16,277	11,886	21,585
Michigan State U.	14	275,632	8,802	2,461	124,230	4,699	44,147	4,764	16,508	13,864	39,704	16,453
U. Florida	15	266,197	4,664	3,796	204,060	505	6,868	1,792	5,138	4	24,813	14,557
Indiana U., Bloomington	16	264,093	13,596	5,421	158,451	304	9,509	6,076	26,013	10,550	6,305	27,868
Arizona State U.	17	258,139	4,004	12,176	32,858	1,309	9,835	4,238	37,523	73,597	43,597	39,002
U. Pittsburgh, Pittsburgh	18	255,241	3,324	2,182	210,951	772	10,675	2,431	837	5,685	14,539	3,845
U. California, San Diego	19	250,863	15,985	36,408	135,481	1,340	10,741	2,437	9,056	6,049	25,787	7,579
New York U.	20	243,805	1,772	3	196,262	1,615	1,159	1,138	7,718	17	7,505	26,616
Baylor C. of Medicine	21	239,079	0	0	239,079	0	0	0	0	0	0	0
U. Arizona	22	234,514	5,592	10,023	130,382	533	33,042	919	8,555	2,063	19,585	23,820
U. Texas M. D. Anderson Cancer Center	23	233,279	0	0	213,259	2,141	4,643	9,363	3,873	0	0	0
Northwestern U.	24	227,719	1,934	321	144,296	352	28,803	787	7,757	8,397	18,640	16,432
Cornell U.	25	220,800	3,855	1,236	140,296	309	19,017	3,270	8,545	0	25,937	18,335
U. Georgia	26	220,665	2,742	6,950	103,610	4,671	5,777	8,703	15,068	4,689	9,134	59,321
Virginia Polytechnic Institute and State U.	27	220,645	11,105	1,482	83,207	3,323	9,733	1,843	6,318	19	96,589	7,026

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Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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. Iowa	28	220,579	1,333	636	162,363	83	3,113	2,329	3,321	2,419	22,055	22,927
Rockefeller U.	29	218,134	8,886	120	205,549	1,175	2,404	0	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	30	216,134	10,255	8,804	69,571	974	29,611	2,404	10,376	0	70,645	13,494
Emory U.	31	213,741	1,475	227	191,338	59	7,017	719	2,627	0	2,771	7,508
Purdue U., West Lafayette	32	211,557	4,740	2,751	97,475	818	10,977	1,667	7,086	1,434	67,858	16,751
U. California, Davis	33	207,272	0	13,503	141,625	167	6,615	492	13,368	9,712	18,600	3,190
U. Illinois, Urbana-Champaign	34	206,718	22,046	336	88,487	957	20,033	4,066	2,405	11,960	42,855	13,573
U. Utah	35	203,839	10,709	15,184	138,124	1,185	9,710	2,303	2,106	0	15,485	9,033
Washington U., Saint Louis	36	188,980	207	309	174,585	18	3,431	848	365	1,167	2,398	5,652
U. California, Berkeley	37	185,077	1,575	1,418	63,426	711	15,941	3,263	25,685	16,057	34,841	22,160
U. Virginia, Charlottesville	38	181,375	2,154	1,331	126,442	57	4,963	1,681	6,131	461	16,716	21,439
U. Southern California	39	179,130	2,480	2,432	129,325	115	3,876	2,415	15,187	9	11,921	11,370
U. South Florida ^b	40	161,442	8,203	6,634	68,337	2,343	4,748	4,812	13,277	672	17,664	34,752
Boston U.	41	160,347	5,960	1,479	79,930	1,241	10,320	7,211	5,890	4,998	27,007	16,311
U. Missouri, Columbia	42	157,031	693	465	89,828	340	1,680	1,343	2,914	6,559	39,405	13,804
Duke U.	43	153,692	680	940	124,000	1,131	1,590	1,591	6,381	16	11,409	5,954
U. Tennessee, Knoxville	44	151,533	2,869	1,740	45,161	2,153	7,321	3,115	7,168	6,657	49,956	25,393
U. Texas Southwestern Medical Center	45	151,111	0	0	151,111	0	0	0	0	0	0	0
Johns Hopkins U. ^c	46	147,355	8,771	4,375	78,099	3,053	11,652	487	264	1,348	39,216	90
Scripps Research Institute	47	147,290	0	0	147,290	0	0	0	0	0	0	0
U. Cincinnati	48	145,772	1,605	487	94,953	683	4,042	1,365	4,153	341	23,803	14,340
Virginia Commonwealth U.	49	144,356	4,732	12	69,529	137	461	1,095	3,378	0	16,097	48,915
Dartmouth C. and Dartmouth Hitchcock Medical Center	50	144,008	12,181	3,248	38,409	5,233	15,776	1,780	20,533	3,830	7,129	35,889
Florida State U.	51	143,790	6,513	6,560	25,553	4,386	17,279	6,062	13,952	3,228	12,989	47,268
U. Texas, Austin	52	139,669	5,312	19,604	32,369	4,657	16,803	1,062	4,824	2,135	28,190	24,713
Icahn School of Medicine at Mount Sinai	53	137,874	0	0	137,874	0	0	0	0	0	0	0
U. Illinois, Chicago	54	137,227	2,527	376	100,355	2,022	4,045	895	4,359	5,010	11,697	5,941

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Stanford U.	55	136,444	2,063	3,851	99,141	277	5,031	2,766	5,343	38	11,340	6,594
SUNY, U. Buffalo	56	132,361	7,538	1,985	85,532	1,009	5,086	1,626	5,897	143	19,047	4,498
U. California, Irvine	57	130,928	4,881	1,765	74,026	1,164	7,626	3,078	5,697	662	19,214	12,815
Auburn U., Auburn	58	130,767	2,768	1,769	42,353	3,075	8,148	2,496	2,836	1,069	32,286	33,967
U. Kentucky	59	127,488	1,377	1,378	87,539	199	1,257	668	1,296	15,761	13,299	4,714
North Carolina State U.	60	126,142	2,988	4,733	66,784	4,279	6,159	581	3,104	3,558	30,445	3,511
Iowa State U.	61	122,844	2,678	2,651	45,745	5,896	6,044	2,220	2,908	131	38,558	16,013
Oklahoma State U., Stillwater	62	117,732	3,018	1,887	31,619	3,791	5,972	4,227	4,717	5,131	15,013	42,357
U. Alabama, Birmingham	63	116,561	106	2	108,267	18	970	427	12	10	2,007	4,742
Massachusetts Institute of Technology	64	116,258	19,215	3,481	11,538	1,029	18,064	48	3,083	2,211	51,502	6,087
U. Oklahoma, Norman and Health Science Center	65	116,014	1,933	14,837	48,464	1,829	6,419	337	4,862	0	17,231	20,102
Carnegie Mellon U.	66	114,892	31,164	4	3,751	8,796	9,473	1,286	8,072	1,822	35,177	15,347
U. Kansas	67	112,360	1,005	6,114	67,712	31	2,487	2,775	392	8,355	5,092	18,397
Florida International U.	68	111,950	7,109	4,231	31,935	1,378	12,689	8,974	11,720	770	12,470	20,674
U. Nebraska, Lincoln	69	111,550	3,015	1,210	39,258	2,412	6,979	4,392	5,407	2,272	18,589	28,016
Rutgers, State U. New Jersey, New Brunswick	70	111,501	1,893	8,406	72,387	2,861	7,952	1,840	2,311	3,609	2,739	7,503
Texas Tech U.	71	108,999	2,681	2,758	29,103	2,933	9,637	5,867	7,259	0	17,887	30,874
Washington State U.	72	106,804	3,402	2,312	60,749	176	5,199	1,553	4,857	418	15,879	12,259
Georgia State U.	73	105,546	3,047	608	27,918	1,078	7,346	5,280	19,246	0	0	41,023
U. Washington, Seattle	74	105,070	4,343	7,397	66,570	74	2,416	205	1,182	0	12,520	10,363
Clemson U.	75	98,955	3,464	0	22,627	470	3,345	580	805	0	32,020	35,644
Louisiana State U., Baton Rouge	76	98,424	1,010	17,255	40,076	121	7,603	363	1,136	10,715	13,662	6,483
U. South Carolina, Columbia	77	96,392	990	6,161	24,141	245	3,786	2,861	8,840	154	16,525	32,689
Syracuse U.	78	96,162	3,868	1,750	5,163	2,115	5,377	2,195	10,048	142	13,931	51,573
Temple U.	79	90,467	3,417	949	58,960	1,822	7,016	3,284	4,794	411	1,794	8,020
SUNY, Binghamton U.	80	89,466	6,077	1,373	10,502	3,045	8,347	6,230	18,316	0	22,846	12,730
U. Connecticut	81	88,458	1,263	2,487	51,478	500	9,772	6,231	2,100	1,920	10,364	2,343
Princeton U.	82	86,675	3,746	2,821	19,157	3,782	22,007	2,336	14,649	0	11,193	6,984
Medical C. Wisconsin	83	85,666	0	0	83,751	0	0	0	0	0	1,915	0

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SUNY, Stony Brook U.	84	84,647	1,298	8,535	44,262	2,114	8,464	1,220	2,036	8,952	5,250	2,516
U. Notre Dame	85	84,208	4,524	0	8,137	1,842	15,938	658	3,120	5,255	33,371	11,363
Uniformed Services U. of the Health Sciences	86	82,058	0	0	78,243	0	0	3,815	0	0	0	0
Columbia U. in the City of New York	87	79,363	612	6,316	54,007	219	2,350	343	2,796	0	3,062	9,658
U. Hawaii, Manoa	88	78,176	486	19,812	38,867	16	9,371	63	1,213	1,113	5,439	1,796
SUNY, Polytechnic Institute	89	77,753	0	0	838	0	0	0	0	0	76,915	0
Colorado State U., Fort Collins	90	76,610	338	9,588	50,685	243	1,041	325	1,927	822	5,098	6,543
U. Central Florida	91	76,091	5,904	1,848	11,874	2,478	9,881	3,474	5,069	565	15,430	19,568
U. Nevada, Reno	92	74,924	2,711	7,522	23,801	1,304	2,429	2,603	4,998	1,878	12,033	15,645
U. Vermont	93	74,407	1,473	1,373	42,539	1,798	2,226	1,951	4,929	998	5,743	11,377
Wayne State U.	94	72,758	657	211	53,196	336	5,984	573	682	4,767	3,662	2,690
West Virginia U.	95	72,419	416	1,854	44,648	205	3,352	646	1,831	660	15,840	2,967
Medical U. South Carolina	96	72,286	0	0	72,286	0	0	0	0	0	0	0
U. Massachusetts, Amherst	97	71,954	7,164	1,223	24,679	722	6,646	2,139	2,489	1,014	19,067	6,811
Georgia Institute of Technology	98	71,780	14,669	311	8,421	43	1,985	54	1,638	0	33,880	10,779
U. Houston	99	71,291	1,171	2,040	6,464	563	38,459	1,196	383	11	12,029	8,975
U. Miami	100	69,955	125	3,260	62,587	129	308	2,175	0	0	1,143	228
U. Colorado Anschutz Medical Campus ^d	101	69,836	0	0	69,664	0	8	0	48	0	3	113
North Dakota State U.	102	69,112	2,573	423	40,386	1,414	2,611	1,153	4,437	1,017	6,497	8,601
Kansas State U.	103	68,224	1,409	540	31,420	2,156	3,129	1,112	4,410	5,285	11,374	7,389
U. Nevada, Las Vegas	104	67,657	533	2,677	16,920	2,573	6,039	3,686	6,139	363	5,917	22,810
Albert Einstein C. of Medicine	105	67,563	0	0	67,563	0	0	0	0	0	0	0
U. Texas, San Antonio	106	67,130	6,227	1,035	7,752	1,438	4,295	2,013	5,710	984	9,790	27,886
U. Louisville	107	65,375	25	12	48,073	383	1,061	1,050	818	1,753	6,280	5,920
George Mason U.	108	65,041	1,692	744	33,779	703	1,003	1,050	15,643	0	2,783	7,644
U. Arkansas for Medical Sciences	109	63,526	0	0	63,526	0	0	0	0	0	0	0

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George Washington U.	110	63,225	3,913	50	32,026	165	2,055	523	8,174	398	5,499	10,422
U. New Mexico	111	62,426	867	487	40,887	27	887	1,237	3,001	6,053	6,673	2,307
Rice U.	112	62,352	2,890	2,017	4,557	2,324	9,408	1,291	8,438	69	28,753	2,605
New Jersey Institute of Technology	113	60,952	7,035	0	3,127	3,353	6,711	0	4,553	16	24,702	11,455
Mississippi State U.	114	58,242	993	2,440	31,718	160	2,068	181	7,886	789	10,519	1,488
U. Maine	115	56,407	1,486	9,620	12,222	639	3,047	964	1,078	6,894	13,195	7,262
San Diego State U.	116	56,085	678	751	10,644	2,660	3,382	5,396	3,586	6,291	5,163	17,534
U. Alabama, Tuscaloosa	117	55,682	2,326	2,929	8,184	925	2,938	2,817	6,401	0	10,986	18,176
U. California, Santa Barbara	118	54,569	3,642	6,650	4,566	370	9,282	823	4,321	33	15,163	9,719
U. North Texas, Denton	119	53,591	4,799	617	9,278	8	5,115	1,814	3,726	0	6,365	21,869
Montana State U., Bozeman	120	52,653	1,019	1,771	16,857	1,110	5,329	311	976	5,899	9,714	9,667
U. Arkansas, Fayetteville	121	51,933	2,192	1,936	20,820	26	3,437	439	577	0	13,408	9,098
U. Texas Health Science Center, San Antonio	122	51,848	0	0	51,848	0	0	0	0	0	0	0
Georgetown U.	123	51,440	1,226	0	35,017	6	1,463	0	4,034	0	0	9,694
California Institute of Technology	124	50,562	1,717	5,699	11,255	120	20,585	0	0	0	9,740	1,446
Case Western Reserve U.	125	50,526	226	43	42,677	64	903	349	1,469	209	3,989	597
Brown U.	126	50,127	3,330	1,803	21,613	1,570	4,944	344	4,820	939	5,216	5,548
SUNY, U. Albany	127	49,949	3,617	6,887	8,513	1,038	2,973	2,482	9,897	23	1,737	12,782
U. Texas, Arlington	128	49,685	2,341	590	9,421	282	5,629	1,353	68	0	16,791	13,210
Tulane U.	129	49,660	401	1,289	27,929	133	1,667	457	3,109	0	2,014	12,661
U. Massachusetts, Medical School	130	49,135	0	0	49,135	0	0	0	0	0	0	0
U. California, Riverside	131	49,131	631	3,793	34,170	374	667	282	1,929	613	3,522	3,150
U. Oregon	132	48,194	1,374	534	24,009	52	2,598	1,858	1,852	1,944	0	13,973
Thomas Jefferson U.	133	47,728	0	0	47,728	0	0	0	0	0	0	0
U. Texas Health Science Center, Houston	134	47,653	0	0	47,653	0	0	0	0	0	0	0
U. New Hampshire	135	47,286	468	8,378	14,954	868	2,478	623	2,696	0	6,642	10,179
U. Delaware	136	47,254	558	3,105	20,884	155	3,332	968	4,749	304	12,221	978
U. Montana, Missoula	137	46,982	442	2,323	17,609	471	2,264	464	17,984	0	0	5,425

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Augusta U.	138	46,412	57	0	46,044	0	153	67	26	0	0	65
Northeastern U.	139	44,964	4,421	1,122	8,293	313	4,724	1,819	3,235	0	15,171	5,866
Oregon Health and Science U.	140	44,030	0	0	42,572	0	0	0	0	0	1,458	0
American U.	141	42,117	503	491	854	975	1,137	921	8,720	2,094	0	26,422
U. Rochester	142	41,775	346	225	36,821	3	1,510	771	25	625	1,298	151
U. North Dakota	143	41,133	832	2,710	13,895	372	2,115	1,376	1,555	100	9,472	8,706
Rensselaer Polytechnic Institute	144	40,932	2,642	569	1,600	588	4,639	1,078	1,329	0	23,191	5,296
U. Louisiana, Lafayette	145	40,891	4,596	1,738	6,264	2,244	2,654	5	0	0	14,150	9,240
U. Texas Medical Branch	146	39,565	0	0	38,753	0	0	0	0	0	812	0
U. Nebraska, Medical Center	147	38,843	0	0	38,843	0	0	0	0	0	0	0
U. Rhode Island	148	37,252	23	14,904	4,201	5	325	717	120	8,995	1,776	6,186
U. Alaska, Fairbanks	149	36,765	119	13,876	13,178	26	4,518	0	59	309	4,648	32
U. Massachusetts, Lowell	150	36,562	2,712	780	4,898	693	6,006	812	2,512	397	11,743	6,009
Drexel U.	151	36,063	1,127	0	22,551	70	478	379	699	1,169	7,283	2,307
Cold Spring Harbor Laboratory	152	35,757	0	0	35,757	0	0	0	0	0	0	0
Brandeis U.	153	34,998	1,557	0	3,823	1,300	4,294	1,101	16,334	0	2,988	3,601
U. Texas, El Paso	154	34,866	686	1,243	4,686	1,203	2,554	1,722	2,408	2,012	5,047	13,305
U. Memphis	155	34,139	3,258	1,441	4,360	979	1,894	2,822	3,452	1,297	4,015	10,621
U. Colorado Boulder	156	33,465	365	805	4,794	0	3,394	901	1,936	107	14,101	7,062
Van Andel Research Institute	157	32,688	0	0	32,688	0	0	0	0	0	0	0
U. Chicago	158	32,174	508	286	22,522	279	3,282	405	2,517	0	1,491	884
Texas State U.	159	31,792	289	3,920	6,019	171	316	79	411	1,619	7,122	11,846
U. California, Santa Cruz	160	31,668	326	5,641	4,750	14	11,975	190	2,336	493	4,156	1,787
Kent State U.	161	31,409	985	547	4,446	1,156	4,280	1,767	3,621	384	1,785	12,438
Michigan Technological U.	162	30,768	2,236	3,347	1,583	1,678	2,730	440	732	112	15,088	2,822
U. Tennessee, Health Science Center	163	30,132	0	0	29,848	0	0	0	0	284	0	0
Georgia Southern U.	164	29,635	941	594	5,815	1,327	1,825	1,067	3,641	4	2,939	11,482
U. Texas, Dallas	165	29,308	1,794	307	5,547	245	3,533	1,143	781	452	9,027	6,479
U. Texas Rio Grande Valley	166	29,053	1,393	1,008	8,834	1,797	2,034	968	3,483	0	2,214	7,322

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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. Mississippi	167	28,869	154	69	14,276	153	2,870	858	1,549	174	1,377	7,389
William & Mary	168	28,188	494	19,662	666	39	959	80	2,198	678	0	3,412
Indiana U.-Purdue U., Indianapolis	169	27,359	1,589	189	8,258	26	735	527	6,026	3,604	2,076	4,329
Baylor U.	170	26,678	668	1,572	3,976	466	4,906	1,839	960	5,354	3,217	3,720
U. Alabama, Huntsville	171	26,294	3,304	2,412	2,093	694	3,708	233	223	0	9,470	4,157
U. Wyoming	172	26,166	199	410	11,769	15	49	365	162	1,667	11,519	11
Southern Illinois U., Carbondale	173	25,725	534	871	20,658	6	940	138	859	398	1,321	0
Oregon State U.	174	25,573	834	2,791	16,726	18	110	70	329	349	4,346	0
U. Massachusetts, Boston	175	25,532	1,319	1,462	2,153	416	1,345	1,722	6,399	444	426	9,846
Saint Louis U.	176	24,824	421	982	21,281	4	584	18	108	0	429	997
Utah State U.	177	24,792	742	641	9,469	376	1,018	2,470	634	0	8,168	1,274
Ohio U.	178	24,765	20	577	8,693	3	1,357	641	488	0	7,611	5,375
Wake Forest U.	179	23,080	117	0	19,057	91	748	344	506	0	352	1,865
U. West Florida	180	22,485	840	18	1,345	75	342	346	3,278	0	437	15,804
East Carolina U.	181	21,450	175	3,260	8,982	7	341	240	1,088	0	1,387	5,970
U. California, Office of the President	182	20,864	0	0	12,959	0	7,905	0	0	0	0	0
Wichita State U.	183	20,493	0	65	603	280	505	253	353	0	9,368	9,066
Missouri U. of Science and Technology	184	19,872	1,317	0	438	0	1,451	40	20	166	15,058	1,382
San Jose State U.	185	19,350	267	1,889	2,579	357	1,188	887	2,106	0	2,310	7,767
U. South Alabama	186	19,099	162	1,187	15,708	0	125	160	194	0	1,417	146
Southern Methodist U.	187	18,643	44	978	651	350	1,000	139	432	97	4,692	10,260
Air Force Institute of Technology	188	18,015	370	0	0	601	7,456	0	0	0	9,588	0
U. Massachusetts, Dartmouth	189	16,908	1,621	5,211	1,616	1,073	1,880	0	20	0	5,355	132
Middle Tennessee State U.	190	16,884	717	119	2,421	857	1,154	580	2,717	0	492	7,827
San Francisco State U.	191	16,710	1,015	1,347	3,507	1,038	2,157	1,143	2,368	212	1,360	2,563
Cleveland State U.	192	16,391	0	0	3,117	459	654	500	4,031	0	3,030	4,600
U. Idaho	193	16,337	252	700	11,323	52	243	9	483	472	2,279	524

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Woods Hole Oceanographic Institution	194	16,006	0	13,356	0	0	0	0	0	0	2,650	0
Villanova U.	195	15,623	265	267	2,355	88	1,652	604	433	703	5,367	3,889
Louisiana Tech U.	196	15,465	797	236	1,482	679	1,328	299	966	0	4,896	4,782
Tufts U.	197	15,442	0	69	10,833	31	299	411	2,208	463	629	499
Rochester Institute of Technology	198	15,139	2,475	0	339	561	2,544	11	600	0	4,992	3,617
Northern Arizona U.	199	14,963	1,884	960	8,891	0	2,179	110	37	95	401	406
Marquette U.	200	14,809	583	0	4,148	359	1,070	932	374	0	2,528	4,815
Northern Illinois U.	201	14,630	245	108	983	7	1,715	75	3,767	0	1,905	5,825
U. Toledo	202	14,308	0	1,567	7,603	3	2,356	109	26	0	1,888	756
U. California, Merced	203	14,224	4	1,147	2,238	596	2,018	266	1,005	412	2,703	3,835
Old Dominion U.	204	14,098	196	526	4,472	69	1,430	107	171	0	6,303	824
North Carolina Agricultural and Technical State U.	205	14,005	30	0	10,428	34	26	0	6	0	2,164	1,317
Florida Atlantic U.	206	13,984	591	547	5,415	328	1,045	605	32	0	3,412	2,009
Southern Illinois U., Edwardsville	207	13,848	38	1,952	5,628	142	1,055	0	256	0	1,384	3,393
Kennesaw State U.	208	13,722	3,139	0	2,373	166	697	108	1,988	502	1,363	3,386
U. South Dakota	209	13,629	88	0	6,310	189	1,206	677	303	0	453	4,403
New Mexico State U.	210	13,581	429	445	5,469	39	3,468	79	86	108	3,180	278
Central Michigan U.	211	13,477	87	214	9,725	135	67	225	5	1,498	308	1,213
U. Puerto Rico, Rio Piedras	212	13,026	346	744	803	28	704	0	933	725	0	8,743
Boston C.	213	12,870	242	1,937	1,278	47	2,500	919	2,335	0	50	3,562
Illinois State U.	214	12,813	92	105	585	70	198	50	297	0	0	11,416
U. Maryland, Baltimore County	215	12,334	2,279	1,874	1,511	139	695	135	3,099	934	940	728
Howard U.	216	12,094	944	0	8,422	33	780	353	173	0	1,152	237
Long Island U.	217	12,040	0	111	4,691	372	836	895	880	0	0	4,255
Miami U.	218	12,023	496	556	4,957	154	1,003	334	303	0	2,907	1,313
U. Wisconsin-Milwaukee	219	11,939	10	2,216	1,331	209	1,462	415	1,118	975	1,698	2,505
U. North Carolina, Charlotte	220	11,654	664	336	1,438	106	523	356	1,532	0	4,223	2,476
U. Minnesota, Duluth	221	11,624	102	192	9,223	64	279	18	47	0	1,322	377

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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, City C.	222	11,311	86	92	1,640	25	995	12	15	0	7,804	642
James Madison U.	223	11,111	503	369	2,248	156	682	1,312	128	0	96	5,617
Fordham U.	224	10,871	106	0	263	70	807	161	359	0	0	9,105
U. North Carolina, Greensboro	225	10,842	73	0	2,446	95	1,341	1,095	410	0	0	5,382
Boise State U.	226	10,836	462	772	2,736	268	793	4	788	288	3,253	1,472
Montclair State U.	227	10,479	207	482	1,471	468	271	2,741	1,291	0	99	3,449
Chapman U.	228	10,273	701	19	1,723	16	199	86	472	0	336	6,721
U. New Orleans	229	10,069	879	232	812	316	1,123	493	1,254	814	1,254	2,892
U. Missouri, Kansas City	230	9,896	1,175	84	4,566	1	329	442	100	448	1,374	1,377
Rush U.	231	9,645	0	0	9,645	0	0	0	0	0	0	0
Naval Postgraduate School	232	9,608	1,941	375	328	305	147	111	985	668	3,376	1,372
U. Southern Mississippi	233	9,499	17	2,692	972	0	718	0	135	0	3,919	1,046
Worcester Polytechnic Institute	234	9,301	1,246	0	716	485	847	0	287	0	5,311	409
SUNY, Upstate Medical U.	235	9,193	0	0	9,193	0	0	0	0	0	0	0
Bowling Green State U.	236	9,178	121	270	1,517	75	899	882	1,261	20	22	4,111
Nova Southeastern U.	237	9,152	18	2,611	6,155	0	0	89	0	0	0	279
California Polytechnic State U., San Luis Obispo	238	9,139	42	43	1,057	502	3,007	21	208	0	1,243	3,016
Mercer U.	239	9,056	124	0	5,705	219	1,871	270	51	124	631	61
Midwestern U.	240	9,040	0	0	9,040	0	0	0	0	0	0	0
Tarleton State U.	241	8,949	395	842	2,708	97	295	368	755	808	166	2,515
Loyola U., Chicago	242	8,941	55	0	7,770	14	310	165	167	0	0	460
Lehigh U.	243	8,806	769	148	368	3	728	90	30	19	6,154	497
Louisiana State U., Health Sciences Center, Shreveport	244	8,765	0	0	8,765	0	0	0	0	0	0	0
Texas Christian U.	245	8,684	0	0	0	0	0	0	0	8,684	0	0
U. Maryland Center for Environmental Science	246	8,670	0	8,670	0	0	0	0	0	0	0	0
Marshall U.	247	8,589	25	171	6,534	0	82	1	3	0	603	1,170
Oakland U.	248	8,499	362	0	3,856	0	2,258	43	105	0	1,386	489

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Texas Tech U., Health Sciences Center	249	8,153	0	0	8,058	0	0	0	0	0	0	95
Loyola Marymount U.	250	8,148	58	470	497	57	165	196	858	67	207	5,573
California State U., East Bay	251	7,470	264	111	709	245	678	339	1,842	29	132	3,121
Bryn Mawr C.	252	7,285	201	137	501	471	766	314	1,499	0	0	3,396
CUNY, Hunter C.	253	7,156	202	136	2,251	22	575	2,116	1,151	0	0	703
SUNY, C. of Environmental Science and Forestry	254	7,152	61	192	5,988	0	87	423	9	0	329	63
Creighton U.	255	7,115	211	0	5,269	53	359	77	444	0	0	702
U. North Florida	256	7,084	95	2	908	12	219	48	232	0	1,317	4,251
Western Michigan U. and Homer Stryker M.D. School of Medicine	257	7,033	19	281	3,608	9	251	75	28	52	1,776	934
Sam Houston State U.	258	6,985	26	39	1,332	23	100	487	1,515	0	33	3,430
U. Denver	259	6,869	0	21	1,164	2	1,292	1,420	71	0	628	2,271
Western Washington U.	260	6,665	36	1,715	439	148	721	377	605	615	156	1,853
U. North Texas, Health Science Center	261	6,615	0	0	6,615	0	0	0	0	0	0	0
Brigham Young U., Provo	262	6,514	11	153	2,070	12	803	89	122	0	1,268	1,986
Florida Institute of Technology	263	6,485	1,163	643	296	154	941	960	0	71	2,083	174
U. Puerto Rico, Medical Sciences Campus	264	6,320	0	0	6,320	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	265	6,064	0	0	5,545	0	0	0	0	0	0	519
Tennessee State U.	266	5,986	8	0	5,180	6	267	2	0	0	304	219
Edward Via C. of Osteopathic Medicine	267	5,879	0	0	5,879	0	0	0	0	0	0	0
Roseman U. of Health Sciences	268	5,775	0	0	5,775	0	0	0	0	0	0	0
Catholic U. of America	269	5,753	50	0	385	0	683	169	108	0	996	3,362
Clarkson U.	270	5,725	37	0	313	109	1,569	73	30	0	3,208	386
Rutgers, State U. New Jersey, Newark	271	5,723	29	286	2,584	0	635	288	265	43	0	1,593

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
William Paterson U.	272	5,678	56	178	784	68	45	392	958	0	0	3,197
U. Missouri, Saint Louis	273	5,549	29	0	1,996	36	1,282	186	568	304	0	1,148
Stevens Institute of Technology	274	5,491	880	0	0	0	423	0	0	0	4,159	29
SUNY, Downstate Health Sciences U.	275	5,397	0	0	5,397	0	0	0	0	0	0	0
California State U., Sacramento	276	5,344	42	31	575	81	108	268	1,834	290	626	1,489
U. Tennessee, Chattanooga	277	5,296	10	0	92	20	4	22	13	3,235	261	1,639
Oklahoma State U., Center for Health Sciences	278	5,241	99	0	4,845	0	0	222	0	0	69	6
Ball State U.	279	5,153	404	0	1,142	9	350	89	1,090	0	0	2,069
U. Puerto Rico, Mayaguez	280	5,148	0	0	0	0	238	0	30	0	3,224	1,656
Wright State U.	281	4,999	696	37	3,044	23	167	140	0	67	765	60
East Tennessee State U.	282	4,902	1	7	3,676	13	64	812	12	0	37	280
Azusa Pacific U.	283	4,893	73	0	980	125	196	561	113	0	5	2,840
Portland State U.	284	4,722	86	268	1,031	5	261	52	849	243	756	1,171
Eastern Michigan U.	285	4,618	30	44	1,070	96	79	131	717	6	318	2,127
Texas A&M U.-Corpus Christi	286	4,589	54	1,580	804	3	82	0	50	336	372	1,308
Des Moines U.	287	4,247	0	182	3,132	0	0	0	374	0	0	559
Southern Connecticut State U.	288	4,245	130	54	462	187	186	245	400	27	0	2,554
U. Akron	289	4,217	0	3	463	30	1,401	77	30	0	1,796	417
U. San Diego	290	4,203	42	125	72	162	326	131	24	37	278	3,006
U. Oklahoma, Tulsa	291	4,182	0	0	1,626	0	0	0	4	0	431	2,121
Delaware State U.	292	4,094	155	130	2,639	0	359	811	0	0	0	0
Western Kentucky U.	293	4,035	0	729	1,088	5	470	478	108	0	352	805
Hofstra U.	294	4,023	1	3	563	84	139	109	953	0	48	2,123
U.S. Military Academy	295	3,980	427	0	0	771	0	387	1,983	0	0	412
Idaho State U.	296	3,937	65	158	1,191	2	712	0	32	320	1,417	40
South Dakota State U.	297	3,929	1	20	2,645	37	188	95	63	0	734	146
California State U., Fullerton	298	3,904	52	39	354	60	237	110	258	151	131	2,512
Florida A&M U.	299	3,886	0	134	2,333	0	2	0	5	0	254	1,158

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Humboldt State U.	300	3,818	21	283	1,364	5	67	3	358	69	1,540	108
U. Central Oklahoma	301	3,761	0	0	67	29	39	0	0	0	0	3,626
U. Alaska, Anchorage	302	3,747	53	804	1,211	0	115	8	760	44	493	259
Louisiana State U., Health Sciences Center, New Orleans	303	3,743	0	0	3,743	0	0	0	0	0	0	0
Indiana U. Pennsylvania	304	3,718	131	1	300	4	1	404	216	0	0	2,661
Colorado School of Mines	305	3,657	1	456	21	37	363	0	12	0	2,720	47
Clark U.	306	3,633	19	275	695	0	632	173	1,735	0	0	104
Morehouse School of Medicine	307	3,622	0	0	3,622	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	308	3,614	0	0	2,390	0	24	3	0	0	733	464
Desert Research Institute	309	3,572	0	2,798	774	0	0	0	0	0	0	0
Salisbury U.	310	3,567	118	303	867	123	292	11	133	0	3	1,717
Claremont McKenna C.	311	3,548	0	0	0	0	0	6	3,234	29	0	279
U. Texas Health Science Center, Tyler	312	3,545	0	0	3,545	0	0	0	0	0	0	0
West Chester U. Pennsylvania	313	3,540	21	55	445	76	299	178	467	140	0	1,859
Clark Atlanta U.	314	3,435	10	0	3,083	11	209	0	0	0	25	97
Prairie View A&M U.	315	3,421	0	0	1,262	0	505	9	0	13	1,448	184
Grand Valley State U.	316	3,398	25	1,990	458	15	70	23	370	0	33	414
Grinnell C.	317	3,379	113	0	387	45	540	16	632	0	0	1,646
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	318	3,337	0	0	3,337	0	0	0	0	0	0	0
Albany Medical C.	319	3,324	0	0	3,324	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	320	3,219	0	0	3,208	0	0	11	0	0	0	0
Northeast Ohio Medical U.	321	3,182	0	2	3,175	0	0	0	3	2	0	0
U. Nebraska, Omaha	322	3,125	346	8	283	32	7	21	844	509	240	835
Gallaudet U.	323	3,049	528	0	555	0	0	1,353	613	0	0	0
Tennessee Technological U.	324	3,008	533	2	731	0	207	80	36	0	1,012	407

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Wesleyan U.	325	3,004	0	128	724	75	554	220	102	0	0	1,201
Yeshiva U.	326	2,843	0	0	1,474	0	0	0	0	0	0	1,369
Philadelphia C. of Osteopathic Medicine	327	2,837	0	0	2,837	0	0	0	0	0	0	0
Charles R. Drew U. of Medicine and Science	328	2,834	0	0	2,834	0	0	0	0	0	0	0
U. Michigan, Dearborn	329	2,794	61	0	0	41	163	27	62	0	2,142	298
Duquesne U.	330	2,788	0	134	1,611	22	161	49	12	0	27	772
Kean U.	331	2,783	9	0	38	0	18	16	0	0	0	2,702
Reed C.	332	2,782	6	0	326	60	612	317	363	0	0	1,098
New School	333	2,762	2	17	18	51	0	112	886	0	428	1,248
Montana Technological U.	334	2,739	0	1,564	90	0	83	0	0	0	1,002	0
Tuskegee U.	335	2,724	0	0	1,203	0	0	0	121	85	1,315	0
Rowan U.	336	2,700	0	0	898	0	0	0	0	0	1,802	0
Texas Southern U.	337	2,692	30	0	1,360	0	28	0	845	0	0	429
California State U., San Bernardino	338	2,652	46	0	265	89	102	472	96	357	303	922
Langston U.	339	2,645	0	0	2,580	0	2	0	0	0	0	63
Virginia State U.	340	2,602	0	0	1,652	0	0	0	0	0	950	0
CUNY, John Jay C. of Criminal Justice	341	2,521	6	0	0	0	0	108	47	48	0	2,312
U. Arkansas, Pine Bluff	342	2,502	0	0	1,553	1	265	0	0	683	0	0
Ponce Health Sciences U.	343	2,472	0	0	2,472	0	0	0	0	0	0	0
U. Tulsa	344	2,454	382	26	286	3	195	244	103	0	904	311
Eastern Virginia Medical School	345	2,384	0	0	2,384	0	0	0	0	0	0	0
Texas A&M U.-Commerce	346	2,300	8	0	277	6	135	161	96	0	20	1,597
U. Dayton	347	2,288	63	4	1	3	8	9	15	0	1,927	258
California State U., Fresno	348	2,278	0	0	2,041	0	0	0	0	199	38	0
California State U., Bakersfield	349	2,160	0	83	112	493	140	207	100	0	40	985
U. North Carolina, Wilmington	350	2,150	35	246	851	7	4	2	185	338	150	332
Appalachian State U.	351	2,106	33	111	834	17	415	161	75	0	0	460

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Alcorn State U.	352	2,103	0	0	985	0	0	0	1,115	0	3	0
Touro U.	353	2,091	0	0	2,079	0	0	0	0	0	0	12
Illinois Institute of Technology	354	2,080	199	7	175	58	222	0	0	0	1,393	26
New York Institute of Technology	355	2,069	47	0	1,972	0	0	0	0	0	50	0
U. New England	356	2,022	0	431	1,565	1	19	1	0	0	0	5
Carleton C.	357	1,948	28	120	384	156	259	8	470	0	0	523
South Dakota School of Mines and Technology	358	1,944	15	0	0	0	263	0	0	0	1,666	0
CUNY, Advanced Science Research Center	359	1,943	27	95	515	0	642	0	0	0	661	3
Loma Linda U.	360	1,932	0	0	1,873	0	0	2	0	0	0	57
Amherst C.	361	1,895	108 i	186 i	529 i	122 i	245 i	87 i	268 i	0 i	0 i	350 i
Elon U.	362	1,883	41	0	247	76	59	78	243	21	16	1,102
Marymount U.	363	1,779	356	0	445	0	88	89	356	0	0	445
CUNY, Queens C.	364	1,776	41	110	580	22	313	126	181	102	0	301
Central State U.	365	1,720	0	0	1,716	0	0	0	0	4	0	0
New Mexico Institute of Mining and Technology	366	1,654	52	0	0	0	0	0	0	0	1,602	0
Williams C.	367	1,625 i	22 i	42 i	122 i	74 i	420 i	36 i	328 i	0 i	0 i	581 i
Franklin and Marshall C.	368	1,622	70	17	146	3	174	54	125	4	0	1,029
California State U., Monterey Bay	369	1,610	80	789	703	0	0	0	6	25	0	7
Towson U.	370	1,608	114	0	436	97	402	51	145	0	0	363
Toyota Technological Institute, Chicago	371	1,602	1,602	0	0	0	0	0	0	0	0	0
Swarthmore C.	372	1,571	12	0	231	34	171	57	137	30	120	779
California State U., Los Angeles	373	1,561	0	0	104	0	1,027	22	119	0	209	80
West Texas A&M U.	374	1,554	0	0	606	1	0	0	0	84	285	578
Purdue U., Northwest	375	1,536	24	0	393	0	8	6	1	14	448	642
Eastern Connecticut State U.	376	1,529	248	134	102	87	5	28	3	127	0	795
Colgate U.	377	1,515	34	91	137	10	447	63	284	0	0	449

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Pacific U.	378	1,480	0	0	1,066	43	60	0	186	0	0	125
California State Polytechnic U., Pomona	379	1,469	13	12	1,189	0	0	0	0	73	178	4
U. Guam	380	1,465	0	46	1,385	0	0	0	34	0	0	0
Hope C.	381	1,463	0	37	46	7	501	0	475	0	8	389
C. Charleston	382	1,458	35	179	227	59	121	36	40	199	0	562
Pepperdine U.	383	1,444	0	0	282	26	103	110	230	112	0	581
Bucknell U.	384	1,439	32	10	177	6	132	61	51	287	502	181
Jackson State U.	385	1,426	72	0	205	4	590	0	1	124	264	166
Rutgers, State U. New Jersey, Camden	386	1,423	118	0	13	50	29	0	322	0	0	891
Embry-Riddle Aeronautical U.	387	1,365	134	308	0	15	47	0	38	0	728	95
Lewis and Clark C.	388	1,319	0	1	5	18	6	26	4	0	0	1,259
U. Wisconsin-Stevens Point	389	1,289	0	80	1,065	0	20	0	7	0	109	8
U. Central Arkansas	390	1,281	112	19	123	18	124	26	0	0	0	859
Claremont Graduate U.	391	1,275	5	0	0	0	0	0	1,248	0	0	22
Dillard U.	392	1,271	0	0	892	0	0	0	0	0	0	379
Suffolk U.	393	1,261	0	0	0	0	0	0	0	0	0	1,261
U. Hawaii, Hilo	394	1,260	3	37	852	242	2	0	17	99	0	8
Furman U.	395	1,259	53	13	17	0	531	13	3	0	0	629
CUNY, Brooklyn C.	396	1,242	17	186	216	3	15	335	63	18	16	373
Fayetteville State U.	397	1,238	0	0	661	0	0	0	0	0	0	577
U. of St. Thomas (MN)	398	1,213	0	0	16	0	42	96	0	0	769	290
CUNY, Graduate School of Public Health and Health Policy	399	1,206	0	0	1,206	0	0	0	0	0	0	0
U. of the Sciences Philadelphia	400	1,170	0	0	1,016	0	154	0	0	0	0	0
Pennsylvania State U., Behrend	401	1,157	0	507	108	0	0	68	5	0	469	0
Minnesota State U., Mankato	402	1,147	0	5	10	0	3	208	0	240	549	132
Pomona C.	403	1,140	154	142	80	24	58	163	251	0	0	268
Saint John's U.	404	1,125	20	0	470	13	108	37	125	0	0	352

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
DePaul U.	405	1,120	118	30	135	0	5	149	33	22	0	628
Smith C.	406	1,118	14	167	311	9	138	62	70	0	79	268
California State U., Long Beach	407	1,113	5	6	224	0	80	20	46	194	269	269
U. Nebraska, Kearney	408	1,081	43	0	684	0	128	20	9	0	0	197
California State U., Northridge	409	1,051	0	13	108	7	633	3	0	19	22	246
U. Central del Caribe	410	1,050	0	0	1,050	0	0	0	0	0	0	0
St. Edward's U.	411	1,030	450	10	35	45	25	10	30	0	0	425
C. of Saint Benedict	412	1,018	17	0	426	12	98	34	113	0	0	318
Murray State U.	413	982	0	104	846	3	28	0	0	0	0	1
Texas A&M International U.	414	965	0	9	63	27	39	8	243	272	41	263
Albany C. of Pharmacy and Health Sciences	415	963	0	0	963	0	0	0	0	0	0	0
U. Northern Colorado	416	945	0	22	431	44	48	26	104	0	0	270
Christopher Newport U.	417	919	0	0	409	8	61	11	171	0	0	259
Texas Woman's U.	418	893	0	0	556	1	0	134	22	0	0	180
West Virginia State U.	419	877	0	0	750	0	0	0	0	0	0	127
Saint Joseph's U.	420	872	31	0	158	8	93	69	50	0	0	463
Austin Peay State U.	421	859	1	3	609	1	0	0	0	16	0	229
U. Illinois, Springfield	422	839	0	0	2	0	5	0	678	0	0	154
Albion C.	423	838	1	82	94	30	146	44	171	11	0	259
Hamilton C.	424	827	4	1	36	10	185	69	215	0	0	307
Pace U.	425	819	22	0	344	0	73	7	5	0	80	288
Purdue U., Fort Wayne	426	818	0	0	84	2	9	110	30	51	105	427
U. Washington, Bothell	427	814	0	0	33	0	0	0	0	0	0	781
Trinity U.	428	812	36	48	101	3	239	56	121	0	22	186
U. Wisconsin-La Crosse	429	807	0	13	92	0	21	6	558	13	0	104
U. Colorado Denver ^d	430	804	7	5	289	0	1	49	7	0	56	390
West Virginia School of Osteopathic Medicine	431	801	0	0	796	0	0	0	0	0	0	5
Grambling State U.	432	798	0	0	0	0	333	0	0	0	0	465
New York Medical C.	433	794	0	0	794	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 2021

(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
Connecticut C.	434	785	103	0	143	0	174	102	263	0	0	0
U. of the Incarnate Word	434	785	0	0	698	0	0	0	0	0	0	87
SUNY, Geneseo	436	780	0	97	37	3	309	107	92	0	0	135
Northern Kentucky U.	437	774	25	0	236	6	212	145	88	0	0	62
Davidson C.	438	771	0	0	205	73	182	87	123	0	0	101
Northern Michigan U.	439	769	0	0	473	0	5	19	38	0	0	234
Willamette U.	440	761	0	52	99	10	76	3	4	51	0	466
U. of Health Sciences and Pharmacy in St. Louis	441	759	0	0	759	0	0	0	0	0	0	0
Missouri State U.	442	735	27	31	373	0	71	4	65	0	152	12
Seton Hall U.	443	730	0	0	0	0	0	0	0	0	0	730
St. Cloud State U.	444	725	50	17	92	0	13	0	141	2	9	401
Arkansas State U., Jonesboro	445	721	6	0	490	2	37	20	81	28	45	12
Barnard C.	446	718	45	8	53	10	40	69	136	0	0	357
U. Virginia's C. Wise	446	718	0	0	5	0	2	0	0	0	0	711
Xavier U. Louisiana	448	702	0	0	702	0	0	0	0	0	0	0
Keck Graduate Institute	449	697	0	0	546	0	0	0	0	0	78	73
Harvey Mudd C.	450	695	95	0	33	59	190	0	0	63	227	28
U. North Georgia	451	693	0	0	79	0	0	0	0	0	0	614
C. Wooster	452	683	97	32	152	43	94	33	14	0	0	218
California State U., Dominguez Hills	453	670	73	8	79	45	101	68	64	0	0	232
Marshall B. Ketchum U.	454	668	0	0	668	0	0	0	0	0	0	0
Southeastern Louisiana U.	455	663	0	0	201	0	53	0	3	0	5	401
Liberty U.	456	657	0	0	384	0	0	0	0	0	58	215
Western Carolina U.	457	655	0	62	348	0	21	0	55	0	52	117
U. Northern Iowa	458	654	10	151	80	1	40	0	350	0	0	22
U. Detroit Mercy	459	649	0	0	387	153	6	11	0	0	38	54
U. Texas, Tyler	459	649	8	0	161	0	0	208	9	0	137	126
U. Ana G. Mendez, Gurabo	461	648	0	0	63	14	113	39	0	0	367	52
Winthrop U.	462	632	0	0	138	6	59	1	156	0	0	272
Haverford C.	463	631	11	30	250	7	57	20	68	0	0	188

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Mercyhurst U.	464	608 i	18 i	10 i	442 i	5 i	30 i	6 i	37 i	0 i	0 i	60 i
Florida Polytechnic U.	465	606	81	0	0	0	42	0	69	0	371	43
Kettering U.	466	586	5	0	8	2	15	0	0	0	29	527
Colorado C.	467	575	0	18	88	18	113	23	93	0	0	222
Stockton U.	468	572	0	469	0	0	0	0	103	0	0	0
Macalester C.	469	568	70	12	73	0	83	23	160	0	0	147
Babson C.	470	566	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	566 i
Meharry Medical C.	471	565	0	0	565	0	0	0	0	0	0	0
Stephen F. Austin State U.	472	543	7	16	195	16	13	2	128	0	0	166
California State U., Channel Islands	473	542	22	0	238	80	42	4	22	95	0	39
U. Puerto Rico, Cayey	474	539	0	0	247	0	0	0	3	289	0	0
CUNY, Baruch C.	475	531	0	8	28	8	3	52	235	0	0	197
Pennsylvania State U., Harrisburg	476	525	0	0	2	0	0	371	75	0	53	24
U. Texas of the Permian Basin	477	522	0	0	17	0	0	0	0	57	0	448
St. Olaf C.	478	520	29	58	163	4	77	46	64	0	0	79
California State U., Chico	479	505	0	12	349	6	6	0	40	0	69	23
U. Minnesota, Morris	480	502	59	40	31	0	51	0	8	0	0	313
Palmer C. of Chiropractic, Davenport	481	500	0	0	500	0	0	0	0	0	0	0
U. Wisconsin-Superior	482	490	0	0	327	0	0	0	0	0	163	0
U. of Mary Washington	483	480	19	12	36	1	23	0	9	0	0	380
Franklin W. Olin C. of Engineering	484	478	0	0	0	0	0	0	0	0	176	302
U. San Francisco	485	466	16	13	104	1	38	28	56	9	3	198
Roger Williams U.	486	460	0	230	157	0	2	5	0	0	5	61
Vassar C.	487	455	1	17	150	2	37	31	109	0	0	108
U. Wisconsin-Green Bay	488	454	10 i	15 i	262 i	4 i	21 i	6 i	20 i	0 i	73 i	43 i
Alfred U.	489	449	0	0	0	0	0	0	0	0	449	0
Alabama A&M U.	490	447 i	10 i	0 i	270 i	4 i	21 i	6 i	20 i	0 i	73 i	43 i
Andrews U.	491	441	0	0	7	0	0	0	429	0	0	5

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
Bowdoin C.	492	440	7	3	260	4	29	2	16	0	0	119
U. North Carolina, Asheville	492	440	0	29	190	0	20	0	0	0	0	201
SUNY, Oswego	494	439	18	13	14	3	58	0	41	247	14	31
SUNY, C. of Optometry	495	437	0	0	437	0	0	0	0	0	0	0
Colby C.	496	427	3	10	128	2	48	10	99	0	0	127
Indiana U., South Bend	497	423	3	0	55	0	15	66	5	170	0	109
CUNY, Lehman C.	498	419	5	0	13	12	17	0	35	0	0	337
Lafayette C.	499	417	30	5	36	11	48	18	74	0	92	103
Rhode Island School of Design	500	416	0	0	0	0	0	0	109	0	0	307
U. Wisconsin-Oshkosh	501	415	0	12	47	0	37	41	75	0	23	180
Trinity C., Hartford	502	409	9	0	192	10	14	14	74	0	44	52
Manhattan C.	503	406	0	0	49	0	0	0	0	0	195	162
Saginaw Valley State U.	504	394	4	27	107	1	10	8	68	9	127	33
Coastal Carolina U.	505	391	0	150	119	0	10	7	0	7	0	98
Hobart and William Smith Colleges	505	391	0	0	296	1	16	7	18	0	0	53
Central Connecticut State U.	507	390	33	5	45	25	32	7	67	0	29	147
Morgan State U.	508	389	1	0	129	0	15	9	14	0	193	28
Dakota State U.	509	376	323	0	0	0	10	0	0	0	0	43
Southern U. and A&M C., Baton Rouge	510	374	0	0	2	0	273	0	1	0	56	42
Fort Valley State U.	511	371	0	64	307	0	0	0	0	0	0	0
U. Richmond	512	370	0	1	95	4	66	30	9	0	0	165
U. Michigan, Flint	513	367	16	0	62	0	12	5	3	0	34	235
U. Hartford	514	361	0	0	0	0	0	0	0	0	361	0
SUNY, C. Plattsburgh	515	358	0	315	0	0	30	0	0	0	0	13
Fairfield U.	516	354	10	0	28	8	18	6	59	0	50	175
Eastern Kentucky U.	517	351	0	8	132	0	15	13	10	82	2	89
Central Washington U.	518	346	25	137	74	13	54	0	11	0	22	10
Union C., Schenectady	519	340	2	53	43	5	35	17	27	0	115	43
U. Colorado Colorado Springs	520	338	41	14	14	0	45	3	9	19	52	141

TABLE 28

Higher education R&D expenditures funded by institutional funds, ranked by all R&D expenditures, by R&D field: FY 2021

(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
C. New Jersey	521	327	3	0	198	0	46	10	1	1	47	21
Wheaton C., Wheaton	521	327	6	5	39	15	90	30	106	0	0	36
U. Wisconsin-Eau Claire	523	308	0	61	129	0	17	29	48	0	0	24
Heidelberg U.	524	303	0	303	0	0	0	0	0	0	0	0
Biola U.	525	302	8	0	197	2	14	3	18	2	29	29
U. Southern Maine	526	301	2	0	29	0	13	0	184	0	73	0
Northwestern State U. Louisiana	527	291	53	0	0	0	0	0	169	0	0	69
Spelman C.	528	279	0	0	0	0	0	0	0	0	0	279
Youngstown State U.	529	278	0	0	8	3	4	1	0	0	258	4
CUNY, C. Staten Island	530	277	0	0	84	74	29	18	16	0	21	35
Albizu U.	531	272	0	0	0	0	0	272	0	0	0	0
SUNY, C. Brockport	532	268	0	77	162	1	22	0	4	0	2	0
California State U., San Marcos	533	267	0	8	0	0	0	0	115	84	2	58
Sonoma State U.	534	261	12	50	55	5	22	5	37	5	1	69
U. Massachusetts, central office	535	256	0	0	11	0	0	0	80	13	0	152
St. John's U., New York	536	254	11	0	155	0	40	22	0	0	0	26
Skidmore C.	537	245	14	19	44	0	66	7	29	0	0	66
Sacred Heart U.	538	244	0	0	10	0	0	0	0	8	0	226
U. Washington, Tacoma	539	234	7	159	5	0	0	0	12	0	0	51
Ithaca C.	540	224	0	30	30	0	91	0	9	0	0	64
U. Houston-Downtown	541	215	19	0	23	2	36	0	16	5	0	114
U. Hawaii, system office	542	213	14	199	0	0	0	0	0	0	0	0
SUNY, Buffalo State	543	210	0	22	153	0	0	0	32	0	0	3
U. New Haven	544	209	4	3	62	0	1	0	60	0	66	13
Colorado State U., Pueblo	545	201	0	0	108	0	8	0	4	0	5	76
Mount Holyoke C.	546	200	2	0	12	5	97	10	6	0	0	68
U.S. Air Force Academy	546	200	0	0	0	0	0	0	0	0	200	0
Abilene Christian U.	548	199	0	0	39	0	13	21	11	0	0	115
National U. of Natural Medicine	549	195	0	0	195	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 2021

(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
Niagara U.	550	194	0	0	32	5	35	0	41	0	0	81
U. Wisconsin-Platteville	550	194	i 3	i 0	i 92	i 2	i 11	i 3	i 18	i 2	i 24	i 39
Bates C.	552	188	0	6	17	0	45	17	36	49	0	18
Fort Hays State U.	553	185	0	11	34	0	78	0	11	0	0	51
U. Puerto Rico, Humacao	554	184	0	0	0	0	184	0	0	0	0	0
Citadel Military C. South Carolina	555	174	10	0	31	8	69	1	6	0	28	21
U.S. Naval Academy	556	169	4	0	0	20	104	0	0	0	41	0
CUNY, York C.	557	168	0	71	29	12	6	0	0	0	11	39
Oberlin C.	558	160	32	2	11	0	78	4	17	0	0	16
Drake U.	559	157	1	0	111	1	21	0	6	0	0	17
Northland C.	559	157	i 0	i 8	i 71	i 2	i 0	i 6	i 18	i 0	i 0	i 52
U. South Carolina, Aiken	561	154	0	0	99	3	5	3	0	0	0	44
Hampton U.	562	152	0	0	0	0	0	0	0	0	0	152
New England C. of Optometry	563	149	0	0	149	0	0	0	0	0	0	0
La Sierra U.	564	137	0	0	5	0	1	0	0	0	0	131
Indiana State U.	565	135	0	1	62	0	3	0	0	0	1	68
CUNY, New York City C. of Technology	566	129	6	0	51	19	12	0	6	0	10	25
Seattle U.	566	129	0	0	3	0	3	5	37	0	18	63
Doane U.	568	127	i 8	i 0	i 67	i 0	i 47	i 0	i 0	i 0	i 0	i 5
Fort Lewis C.	569	124	0	18	46	0	34	0	0	0	22	4
Providence C.	569	124	0	0	100	0	9	0	6	0	0	9
Western U. of Health Sciences	569	124	0	0	124	0	0	0	0	0	0	0
Sul Ross State U.	572	123	i 0	i 2	i 86	i 1	i 0	i 0	i 34	i 0	i 0	i 0
California State U., Stanislaus	573	112	0	13	12	0	24	24	10	0	0	29
CUNY, system office	574	105	7	0	0	0	0	0	0	55	43	0
Dordt U.	575	88	0	0	44	10	11	0	1	0	16	6
CUNY, Graduate Center	576	87	0	0	14	0	0	19	21	0	6	27
Western Illinois U.	577	86	0	0	50	0	5	0	31	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 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.

^c Johns Hopkins University includes the Applied Physics Laboratory, with \$58,084 thousand in institutionally financed R&D expenditures in FY 2021.

^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 2021 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 2021.