

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	4,907,199	76,545	218,642	2,929,174	26,951	109,478	47,240	167,433	85,366	891,234	355,136
U. Texas M. D. Anderson Cancer Center	1	297,033	0	0	277,338	8,340	2,599	4,083	4,673	0	0	0
Texas A&M U., College Station and Health Science Center	2	218,735	1,339	3,965	103,634	156	3,589	682	3,872	2,243	86,952	12,303
U. Florida	3	171,655	437	4,505	134,079	223	2,053	775	3,480	13	19,815	6,275
North Carolina State U.	4	130,707	1,805	8,608	74,352	2,373	4,341	0	1,706	6,458	27,886	3,178
Georgia Institute of Technology	5	117,204	1,952	5,058	9,568	3,896	7,988	1,831	479	0	84,066	2,366
U. Wisconsin-Madison	6	109,946	934	5,920	69,145	194	2,716	437	7,020	4,497	8,743	10,340
Arizona State U.	7	98,817	934	3,355	12,622	379	1,688	687	4,490	27,721	26,181	20,760
SUNY, Polytechnic Institute	8	97,519	0	0	0	0	0	0	0	0	97,519	0
Mississippi State U.	9	92,113	1,349	1,396	45,893	1,493	4,440	1,308	7,045	1,220	13,825	14,144
Rutgers, State U. New Jersey, New Brunswick	10	90,882	0	1,418	74,411	14	73	1,112	1,942	0	6,645	5,267
U. California, Los Angeles	11	89,554	0	1,814	77,001	24	1	594	4,421	716	3,680	1,303
Cornell U.	12	88,200	35	108	69,855	118	872	2,790	3,583	0	2,712	8,127
U. Texas Southwestern Medical Center	13	85,808	0	0	85,808	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	14	75,010	7,228	242	49,127	271	59	0	2,933	0	14,968	182
U. Minnesota, Twin Cities	15	73,329	490	1,992	56,522	298	387	659	1,849	250	9,167	1,715
U. California, Davis	16	71,806	204	6,865	41,507	21	340	0	1,040	0	20,867	962
Louisiana State U., Baton Rouge	17	69,770	720	1,344	53,603	228	818	59	1,806	0	10,425	767
Ohio State U.	18	66,409	11,842	96	36,608	0	0	361	1,174	268	10,899	5,161
U. Nebraska, Lincoln	19	61,070	1,382	24	50,391	1,377	625	524	318	98	5,411	920
U. California, San Diego	20	58,556	176	15,281	32,085	893	1,154	21	722	3	7,499	722
U. Georgia	21	55,206	0	2,887	48,197	0	0	66	3,027	0	161	868
Washington State U.	22	54,610	25	1,323	34,796	0	5,182	142	2,777	241	7,773	2,351
Oregon State U.	23	50,654	81	1,769	41,653	570	188	0	1,976	0	4,363	54
North Dakota State U.	24	50,066	22	7	44,469	0	172	0	1,354	1,778	2,181	83
U. Maryland ^a	25	49,950	542	780	20,819	3	105	0	694	0	17,770	9,237
U. Arkansas, Fayetteville	26	48,654	0	711	40,035	0	153	21	2,067	0	1,961	3,706
Pennsylvania State U., University Park and Hershey Medical Center	27	47,345	6	632	36,754	45	47	53	3,419	0	5,244	1,145
U. Texas Health Science Center, Houston	28	46,379	0	0	46,379	0	0	0	0	0	0	0
Michigan State U.	29	42,516	2	0	35,480	3	34	27	2,259	300	2,218	2,193
Kansas State U.	30	40,926	66	102	32,562	316	0	54	1,589	1,826	1,438	2,973
U. California, San Francisco	31	40,658	0	0	40,381	0	277	0	0	0	0	0
Purdue U., West Lafayette	32	39,511	0	0	17,242	0	6	0	441	0	16,597	5,225

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Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. North Carolina, Chapel Hill	33	38,681	30	1,800	27,371	0	1,679	3,070	464	0	3,004	1,263
U. California, Berkeley	34	37,894	0	0	9,291	0	5,868	0	2,685	2,379	13,795	3,876
Iowa State U.	35	37,071	0	167	20,283	422	0	0	2,902	245	12,376	676
U. Idaho	36	35,703	69	1,827	26,463	0	214	0	1,231	1,694	3,385	820
U. Missouri, Columbia	37	35,573	93	0	31,790	26	0	0	2,979	0	190	495
Baylor C. of Medicine	38	35,155	0	0	35,155	0	0	0	0	0	0	0
Virginia Commonwealth U.	39	34,539	188	0	25,497	24	117	526	410	0	4,923	2,854
U. California, Office of the President	40	34,007	0	0	33,935	0	0	0	0	0	0	72
SUNY, U. Buffalo	41	33,635	432	258	22,307	6	29	3	243	0	4,556	5,801
Auburn U., Auburn	42	33,555	0	69	30,195	0	0	225	385	0	1,682	999
U. Kentucky	43	32,619	0	163	27,242	13	144	0	1,029	0	3,169	859
U. Texas, Austin	44	31,721	179	1,400	9,186	17	2,116	152	353	0	16,077	2,241
U. Arizona	45	30,993	1,880	1,860	13,515	0	2,751	153	944	4,631	4,929	330
Colorado State U., Fort Collins	46	30,749	31	1,325	24,652	100	166	69	1,949	79	1,903	475
Texas Tech U.	47	29,861	665	1,061	13,842	165	903	511	1,096	0	4,661	6,957
U. Kansas	48	29,376	0	740	3,643	0	339	249	61	0	1,013	23,331
U. Houston	49	28,999	369	2,444	4,275	233	5,400	1,675	1,295	4	8,028	5,276
U. Illinois, Urbana-Champaign	50	28,024	121	0	12,393	57	296	545	83	0	10,967	3,562
U. Texas Health Science Center, San Antonio	51	27,587	0	0	27,587	0	0	0	0	0	0	0
U. Texas, Arlington	52	27,482	2,617	2	3,692	1,283	2,187	21	16	0	14,939	2,725
U. Oklahoma, Norman and Health Science Center	53	26,614	0	987	21,194	0	118	0	1,661	0	1,803	851
U. North Dakota	54	26,441	137	261	302	0	202	60	39	60	25,314	66
U. Maryland Center for Environmental Science	55	26,071	0	23,446	1,423	0	789	0	141	271	0	1
Clemson U.	56	25,685	40	0	16,366	0	24	0	503	0	1,075	7,677
U. South Florida ^b	57	24,683	21	2,089	10,400	0	30	410	2,196	0	6,354	3,183
U. Colorado Anschutz Medical Campus ^c	58	24,575	0	0	23,987	0	0	0	0	0	54	534
Florida State U.	59	24,003	0	213	3,515	0	7,683	1,663	991	197	3,258	6,483
U. Pennsylvania	60	23,189	0	0	22,008	0	0	0	938	94	119	30
New Mexico State U.	61	23,036	0	984	20,805	0	158	0	6	2	1,081	0
Utah State U.	62	22,243	229	603	14,537	137	98	288	644	0	4,942	765
Oklahoma State U., Stillwater	63	21,322	22	528	15,046	0	120	383	1,220	355	2,153	1,495
Stanford U.	64	20,064	0	547	17,682	0	21	0	0	0	999	815
Florida International U.	65	20,013	233	1,672	1,664	0	0	7,605	1,030	1,054	1,827	4,928

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Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Maine	66	19,449	159	4,722	4,990	0	1,452	24	380	2,542	4,599	581
U. Washington, Seattle	67	19,188	77	2,390	7,179	0	54	0	121	0	4,276	5,091
Wichita State U.	68	18,882	0	0	12,347	0	0	0	236	0	6,255	44
U. Miami	69	18,607	0	1,040	17,509	0	0	17	0	0	41	0
Montana State U., Bozeman	70	18,147	0	0	18,020	0	0	0	0	0	15	112
New York U.	71	17,982	0	0	14,765	0	0	0	17	0	1,026	2,174
U. Hawaii, Manoa	72	17,799	0	407	15,720	0	0	0	100	86	1,040	446
U. Alabama, Tuscaloosa	73	17,040	7,302	1,389	24	956	8	68	617	0	5,219	1,457
Texas Tech U., Health Sciences Center	74	16,937	0	0	15,565	0	0	0	0	0	0	1,372
U. Wisconsin-Milwaukee	75	16,504	243	3,473	2,004	4	1,590	604	1,874	1,452	2,592	2,668
South Dakota State U.	76	16,267	0	155	13,412	0	117	0	907	0	1,509	167
SUNY, Stony Brook U.	77	16,238	4	6,657	1,266	24	423	0	72	3,813	3,940	39
U. Texas, El Paso	78	15,999	330	310	6,200	165	1,387	561	326	2,025	2,435	2,260
U. Tennessee, Knoxville	79	15,785	0	39	1,630	92	1,021	10	969	4,524	7,288	212
U. Arkansas for Medical Sciences	80	15,287	0	0	15,287	0	0	0	0	0	0	0
U. California, Irvine	81	15,008	107	824	9,954	14	392	3	807	0	2,602	305
New Jersey Institute of Technology	82	14,576	0	0	12,091	0	84	0	0	0	1,417	984
Thomas Jefferson U.	83	14,252	0	0	14,252	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	84	14,020	110 i	290 i	11,981 i	0 i	67 i	1,000 i	6 i	0 i	450 i	116 i
U. Texas, Dallas	85	13,882	98	25	4,847	46	2,039	1,359	469	721	3,157	1,121
U. Texas, San Antonio	86	13,795	2,611	329	2,715	0	993	9	886	117	2,239	3,896
U. South Carolina, Columbia	87	13,021	26	0	750	38	1,028	83	5,495	0	1,046	4,555
Old Dominion U.	88	12,866	452	513	1,720	66	1,486	196	835	0	6,322	1,276
U. Nebraska, Medical Center	89	12,652	0	0	12,652	0	0	0	0	0	0	0
U. Massachusetts, Amherst	90	12,632	259	33	5,198	0	0	36	0	0	4,225	2,881
U. Southern Mississippi	91	11,944	0	2,566	2,429	0	2,242	0	440	0	0	4,267
CUNY, City C.	92	11,892	0	225	532	0	0	0	0	0	9,883	1,252
U. Delaware	93	11,552	33	1,456	5,138	0	132	0	1,091	68	3,509	125
U. Louisville	94	11,543	18	0	10,187	0	0	49	83	0	565	641
U. Southern California	95	11,421	0	906	9,149	0	0	0	401	0	281	684
U. Pittsburgh, Pittsburgh	96	10,753	47	164	9,866	0	0	0	240	2	434	0
U. Louisiana, Lafayette	97	10,541	3,096	80	2,301	70	208	20	647	1,343	2,196	580
New Mexico Institute of Mining and Technology	98	10,532	615	6,959	35	0	0	0	0	0	2,628	295

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California State U., Sacramento	99	10,203	0	1	250	2	0	3	1,620	4,594	3,691	42
Texas A&M U.-Corpus Christi	100	9,903	1	3,527	1,078	1	22	1	0	302	3,852	1,119
Wayne State U.	101	9,796	43	0	8,496	0	1	0	67	10	493	686
West Virginia U.	102	9,769	0	15	8,129	0	211	57	208	205	811	133
U. Virginia, Charlottesville	103	9,520	887	20	3,021	0	193	0	133	0	412	4,854
Wake Forest U.	104	9,209	0	0	9,198	0	0	0	0	0	11	0
U. Massachusetts, Boston	105	8,852	0	27	136	0	0	80	1,232	0	0	7,377
U. Alabama, Birmingham	106	8,816	0	0	4,874	0	657	64	21	0	52	3,148
U. California, Riverside	107	8,566	58	545	3,370	16	0	60	576	0	3,869	72
U. Central Florida	108	8,500	436	4	2,470	0	164	5	92	0	2,438	2,891
U. Texas Medical Branch	109	8,481	0	0	8,456	0	0	0	0	0	25	0
U. Memphis	110	8,365	175	1,197	966	63	34	1,023	481	0	2,872	1,554
U. Texas Health Science Center, Tyler	111	8,127	0	0	8,127	0	0	0	0	0	0	0
Temple U.	112	8,109	0	250	5,062	0	0	13	639	103	295	1,747
San Jose State U.	113	7,796	0	5,016	47	55	9	0	21	0	56	2,592
Johns Hopkins U. ^d	114	7,785	301	186	6,728	0	0	0	0	0	297	273
U. Nevada, Reno	115	7,477	72	1,546	2,698	0	258	0	0	46	2,709	148
Florida Atlantic U.	116	7,443	79	77	3,072	31	44	187	30	0	3,744	179
U. Maryland, Baltimore County	117	7,264	511	45	148	0	0	0	5,683	0	515	362
U. California, Santa Cruz	118	7,101	0	4,051	1,565	0	384	0	261	0	840	0
Rochester Institute of Technology	119	7,076	393	0	68	0	982	0	1,468	0	4,039	126
Northern Arizona U.	120	7,055	272	233	4,099	0	1,551	25	0	267	537	71
U. Illinois, Chicago	121	6,914	1,879	0	3,423	0	0	0	563	0	50	999
U. North Carolina, Wilmington	122	6,644	0	3,468	2,987	0	0	0	115	0	0	74
Case Western Reserve U.	123	6,503	126	0	6,328	0	0	0	6	0	43	0
U. New Mexico	124	6,491	0	0	4,355	0	0	0	1,756	0	165	215
Georgia State U.	125	6,415	1	113	2,594	0	28	182	1,024	0	0	2,473
Columbia U. in the City of New York	126	6,391	99	179	3,811	0	308	0	228	0	1,101	665
Texas A&M U.-Kingsville	127	6,241	0	60	4,983	0	192	0	0	0	877	129
U. California, Santa Barbara	128	6,212	110	4,463	568	0	385	0	25	0	1	660
U. Tennessee, Health Science Center	129	6,205	0	0	5,565	0	0	0	0	0	640	0
Montana Technological U.	130	6,085	18	5,912	147	0	0	0	0	0	8	0
U. Cincinnati	131	6,044	1,593	0	2,815	0	0	0	595	0	964	77

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U. California, Merced	132	5,992	0	554	2,186	0	5	20	92	41	2,977	117
U. Iowa	133	5,957	0	1,399	1,608	0	208	0	15	0	1,560	1,167
U. Minnesota, Duluth	134	5,928	0	44	5,434	0	2	0	1	0	404	43
George Mason U.	135	5,816	2,196	114	292	0	80	21	299	0	2,672	142
U. Wyoming	136	5,592	178	1,500	1,529	99	0	0	181	0	1,620	485
U. Rhode Island	137	5,508	0	1,583	1,869	0	0	4	107	879	390	676
U. Colorado Boulder	138	5,422	51	20	468	0	1,478	0	396	11	1,464	1,534
U. Texas Rio Grande Valley	139	5,380	0	5	4,726	0	8	122	63	0	0	456
Harvard U.	140	5,379	506	51	2,266	0	0	0	2,027	0	477	52
Rhode Island C.	141	5,301	0	0	4	0	0	0	13	0	0	5,284
SUNY, Binghamton U.	142	5,225	171	22	286	0	802	17	43	0	3,884	0
U. Alabama, Huntsville	143	5,091	1	961	67	0	22	0	9	0	706	3,325
Rice U.	144	5,071	427	0	1,663	114	853	0	291	0	1,723	0
California Institute of Technology	145	5,009	0	3,777	0	0	1,223	0	0	0	0	9
U. North Texas, Denton	146	5,007	48	60	937	0	6	6	14	0	3,936	0
Alcorn State U.	147	4,977	i 0	i 0	i 2,222	i 0	i 0	i 0	i 2,754	i 0	i 1	i 0
San Diego State U.	148	4,812	311	37	2,376	0	0	952	0	0	909	227
Rowan U.	149	4,720	0	216	3,099	0	0	91	0	0	1,314	0
Medical U. South Carolina	150	4,565	0	0	4,565	0	0	0	0	0	0	0
Oregon Institute of Technology	151	4,431	i 124	i 331	i 3,024	i 82	i 0	i 118	i 0	i 0	i 752	i 0
U. Denver	152	4,419	0	0	0	0	130	114	0	0	161	4,014
Carnegie Mellon U.	153	4,379	483	0	131	0	12	144	0	0	3,609	0
Kentucky State U.	154	4,357	0	0	4,357	0	0	0	0	0	0	0
Teachers C., Columbia U.	154	4,357	0	0	742	0	0	0	3,615	0	0	0
West Texas A&M U.	156	4,302	96	0	4,047	0	0	0	0	150	0	9
Tennessee Technological U.	157	4,256	407	0	57	0	0	0	0	0	3,792	0
California State Polytechnic U., Humboldt	158	4,248	0	0	491	0	602	0	193	152	2,605	205
U. Connecticut	159	4,242	313	17	603	0	0	167	553	0	1,738	851
Tulane U.	160	4,215	0	206	3,131	55	0	0	363	0	406	54
William & Mary	161	4,124	347	2,313	44	0	0	0	772	0	0	648
Prairie View A&M U.	162	4,037	16	0	1,654	2	19	32	42	0	48	2,224
Indiana U., Bloomington	163	3,951	0	0	2,803	0	0	0	1,050	0	0	98
U. New Hampshire	164	3,938	0	359	3,277	0	0	0	31	0	179	92

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Tarleton State U.	165	3,927	369	1,815	1,194	0	6	0	0	35	47	461
North Carolina A&T State U.	166	3,899	0	0	71	0	18	0	0	0	3,625	185
Syracuse U.	167	3,890	28	0	233	0	0	0	0	0	1,913	1,716
Texas State U.	168	3,810	0	151	827	0	92	0	352	0	250	2,138
Tufts U.	169	3,780	0	139	794	0	3	176	634	0	1,777	257
Creighton U.	170	3,702	110 i	0 i	2,742 i	28 i	188 i	40 i	230 i	0 i	0 i	364 i
Icahn School of Medicine at Mount Sinai	171	3,652	0	0	3,652	0	0	0	0	0	0	0
Lamar U.	172	3,639	66	0	171	0	34	0	145	0	3,005	218
Nova Southeastern U.	173	3,571	0	3,571	0	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	174	3,516	0	0	0	0	0	5	0	0	0	3,511
Rensselaer Polytechnic Institute	175	3,485	0	0	38	0	583	0	0	0	2,630	234
Drexel U.	176	3,418	0	0	2,884	0	93	22	5	11	244	159
Salisbury U.	177	3,405	6	706	1,203	0	0	0	408	0	0	1,082
CUNY, Hunter C.	178	3,367	51	739	748	0	184	28	1,110	0	0	507
U. Utah	179	3,347	413	0	687	1	0	0	568	13	1,010	655
Arkansas State U., Jonesboro	180	3,325	136	0	2,889	0	139	0	19	0	82	60
Tuskegee U.	181	3,206	0	0	3,206	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	182	3,155	19	96	1,745	35	92	150	24	42	874	78
U. North Carolina, general administration	183	3,153	852	0	250	0	0	0	0	0	1,964	87
Worcester Polytechnic Institute	184	3,041	0	0	0	0	386	0	35	0	2,619	1
Central State U.	185	3,039	0	0	3,039	0	0	0	0	0	0	0
Vanderbilt U. and Vanderbilt U. Medical Center	186	2,954	0	0	1,780	0	0	0	0	0	5	1,169
Oakland U.	187	2,911	221	0	437	0	1,020	19	0	0	1,008	206
U. Southern Maine	188	2,893	1,549	10	651	0	0	0	416	20	65	182
U. Massachusetts, Medical School	189	2,878	0	0	2,878	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center, El Paso	190	2,856	0	0	2,843	0	0	0	0	0	0	13
Boise State U.	191	2,842	742	9	537	0	822	0	66	0	608	58
Morgan State U.	192	2,835	26	0	879	0	0	0	29	0	1,790	111
Southern U. and A&M C., Agricultural Research and Extension Center	193	2,765	0	0	2,765	0	0	0	0	0	0	0
Clarkson U.	194	2,713	4	97	74	284	862	23	0	0	951	418
Fort Valley State U.	195	2,704	0	0	2,704	0	0	0	0	0	0	0
Portland State U.	196	2,635	0	39	662	0	0	29	1,206	1	417	281
U. Massachusetts, Lowell	197	2,599	0	0	106	0	545	28	306	0	1,548	66

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Massachusetts, Dartmouth	231	1,519	10	1,456	0	0	53	0	0	0	0	0
Florida A&M U.	232	1,510	0	119	1,017	0	0	1	0	0	51	322
U. Alaska, Fairbanks	233	1,508	1	856	457	0	0	0	18	17	159	0
South Dakota School of Mines and Technology	234	1,467	0	0	0	0	213	0	0	0	1,254	0
U. Arkansas, Pine Bluff	235	1,449	0	0	1,402	0	47	0	0	0	0	0
Colorado School of Mines	236	1,446	28	71	67	0	0	0	0	0	1,167	113
U. Baltimore	237	1,445	26	0	0	0	0	0	1,419	0	0	0
Boston C.	238	1,439	0	0	24	0	0	0	1,341	0	0	74
Scripps Research Institute	239	1,424	0	0	1,424	0	0	0	0	0	0	0
California State U., Monterey Bay	240	1,404	451	512	419	0	0	0	0	0	0	22
Villanova U.	240	1,404	0	22	6	0	0	0	0	0	1,376	0
U. Vermont	242	1,379	25	146	275	0	0	0	18	810	96	9
CUNY, Queens C.	243	1,362	0	1	1,361	0	0	0	0	0	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	244	1,348	0	793	0	0	0	8	65	0	212	270
Dartmouth C. and Dartmouth Hitchcock Medical Center	245	1,344	0	0	1,203	0	0	141	0	0	0	0
Loyola Marymount U.	246	1,334	0	0	0	0	0	863	309	0	0	162
Eastern Washington U.	247	1,332	0	0	0	0	0	0	1,332	0	0	0
Stephen F. Austin State U.	248	1,326	0	0	791	0	56	0	96	0	0	383
Oregon Health and Science U.	249	1,322	0	0	1,322	0	0	0	0	0	0	0
Kent State U.	250	1,308	1	0	364	42	29	124	135	121	489	3
U. Tennessee, Chattanooga	251	1,291	76	0	195	36	8	0	232	73	671	0
SUNY, U. Albany	252	1,234	0	938	201	23	0	0	0	0	62	10
U. Alaska, Anchorage	253	1,227	0	149	235	0	56	0	197	139	265	186
U. Toledo	254	1,211	0	107	270	0	79	0	0	0	304	451
Saint Joseph's U.	255	1,205	0	0	140	0	0	134	0	0	0	931
Howard U.	256	1,197	0	0	591	131	112	0	68	0	295	0
Austin Peay State U.	257	1,186	0	418	352	0	0	0	0	0	0	416
Eastern Virginia Medical School	257	1,186	0	0	1,186	0	0	0	0	0	0	0
Florida Institute of Technology	259	1,170	198	382	231	0	33	0	0	0	262	64
U. North Carolina, Charlotte	260	1,158	0	45	335	0	0	19	0	0	548	211
Texas Southern U.	261	1,150	0	0	970	0	100	0	0	0	0	80
Georgetown U.	262	1,144	0	0	355	0	0	0	536	0	0	253
Southern Methodist U.	263	1,106	0	222	17	52	0	0	0	0	62	753

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
California State U., Fresno	264	1,102	0	0	407	83	4	0	88	0	436	84
U. Wisconsin-Stevens Point	265	1,074	0	204	870	0	0	0	0	0	0	0
Western Washington U.	266	1,063	0	490	1	0	29	0	10	100	209	224
U. Oregon	267	1,061	0	4	212	0	0	189	23	0	76	557
Lawrence Technological U.	268	1,037	0	0	0	0	0	0	0	0	218	819
Ohio U.	269	1,035	0	102	72	0	0	0	91	0	770	0
Brigham Young U., Provo	270	1,032	0	75	149	0	0	31	0	0	482	295
Brandeis U.	271	1,027	0	0	15	0	0	0	227	0	0	785
U. of the Virgin Islands	272	1,010	0	121	889	0	0	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	273	1,005	0	0	1,005	0	0	0	0	0	0	0
Michigan Technological U.	274	999	0	370	0	0	3	0	12	180	434	0
U. South Alabama	275	998	0	758	32	0	0	0	0	0	208	0
Pratt Institute	276	995	0	0	0	0	0	0	0	0	0	995
New York Medical C.	277	985	0	0	985	0	0	0	0	0	0	0
California State U., Northridge	278	984	0	0	895	0	0	0	0	0	0	89
California State U., San Marcos	279	980	0	0	843	0	0	112	0	22	0	3
Hobart and William Smith Colleges	280	955	0	0	955	0	0	0	0	0	0	0
North Carolina Central U.	281	954	0	40	211	0	16	0	64	33	279	311
Coastal Carolina U.	282	948	0	857	22	0	2	0	0	0	12	55
Duquesne U.	283	928	0	0	303	0	0	0	0	0	0	625
U. of the District of Columbia	284	920	0	88	832	0	0	0	0	0	0	0
Texas A&M International U.	285	917	0	34	77	0	15	0	1	90	14	686
American U.	286	874	0	0	0	0	0	0	178	121	0	575
Western New England U.	287	869	0	0	0	0	0	0	0	0	869	0
Chapman U.	288	854	0	0	15	0	0	183	0	0	0	656
Cleveland State U.	289	848	0	0	262	0	0	42	0	207	183	154
California State Polytechnic U., Pomona	290	846	12	0	530	0	53	0	0	0	251	0
Northwestern State U. Louisiana	291	838	101	0	170	23	0	7	8	0	7	522
U. Virginia's C. Wise	292	837	4	0	2	0	0	0	10	0	26	795
SUNY, Cobleskill	293	828	0	0	0	0	0	0	0	0	828	0
Duke U.	294	802	0	0	780	0	0	0	0	0	0	22
Southern Illinois U., Carbondale	294	802	11	6	485	0	107	0	139	54	0	0
James Madison U.	296	798	267	0	99	29	1	0	1	0	283	118

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Delaware State U.	330	598	0	0	598	0	0	0	0	0	0	0
Medical C. Wisconsin	331	586	0	0	586	0	0	0	0	0	0	0
Xavier U. Louisiana	332	585	23	0	493	0	69	0	0	0	0	0
California State U., Long Beach	333	572	0	18	264	0	18	0	0	0	183	89
Tennessee State U.	334	567	384	0	0	0	0	0	0	0	0	183
Southern Illinois U., Edwardsville	335	556	5	0	507	0	5	0	2	0	13	24
Wellesley C.	336	552	0	0	0	0	0	230	0	0	0	322
U. North Carolina, Asheville	337	542	0	0	211	0	0	0	0	192	0	139
Western Kentucky U.	338	531	0	0	402	0	23	0	20	0	86	0
U. Nebraska, Kearney	339	530	0	0	125	0	217	34	8	0	0	146
Kennesaw State U.	340	529	61	0	132	26	0	0	25	37	151	97
U. North Carolina, Greensboro	341	524	0	4	72	0	22	42	0	0	0	384
Emory U.	342	522	0	0	504	0	0	0	18	0	0	0
U. San Diego	343	510	0	0	5	0	0	0	6	0	11	488
Middle Tennessee State U.	344	509	0	0	69	0	0	0	1	0	0	439
Monmouth U.	345	505	0	503	2	0	0	0	0	0	0	0
U. New Haven	346	504	0	7	0	1	0	0	496	0	0	0
Pacific U.	347	498	0	0	334	0	0	0	0	0	0	164
Pennsylvania State U., Harrisburg	348	491	3	0	43	0	0	0	120	0	0	325
Utah Valley U.	349	490	0	0	58	0	317	0	0	0	115	0
Illinois State U.	350	487	0	53	155	0	117	10	0	0	66	86
U. Notre Dame	350	487	0	0	204	0	2	0	21	0	94	166
Occidental C.	352	484	0	270	54	0	93	16	51	0	0	0
Fayetteville State U.	353	479	239	0	240	0	0	0	0	0	0	0
U. Northern Iowa	354	465	0	0	99	0	13	0	323	0	0	30
U. Puerto Rico, Mayaguez	355	455	0	12	0	0	0	0	61	0	382	0
Morehouse School of Medicine	356	440	0	0	440	0	0	0	0	0	0	0
U. Washington, Tacoma	357	432	0	432	0	0	0	0	0	0	0	0
Morehead State U.	358	431	0	0	225	0	0	41	0	0	165	0
Rutgers, State U. New Jersey, Newark	359	421	0	8	312	0	0	0	32	0	0	69
Indiana U.-Purdue U., Indianapolis	360	413	0	103	83	0	0	0	120	0	71	36
U. of the Pacific	360	413	70	0	343	0	0	0	0	0	0	0
East Carolina U.	362	408	13	25	218	0	0	0	0	0	128	24

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Houston-Clear Lake	362	408	4	0	343	0	1	2	5	0	0	53
U. of St. Thomas (MN)	364	407	4	0	94	0	123	0	0	0	186	0
Sonoma State U.	365	406	0	92	235	0	25	0	34	12	8	0
Pennsylvania State U., Behrend	366	405	5	133	173	0	0	0	12	0	61	21
Woods Hole Oceanographic Institution	367	398	0 i	224 i	0	0	0	0	0	0	174 i	0
U. Wisconsin-Eau Claire	368	396	0	84	12	0	300	0	0	0	0	0
Mercyhurst U.	369	387	0	0	23	0	0	0	364	0	0	0
Desert Research Institute	370	385	0	385	0	0	0	0	0	0	0	0
C. Charleston	371	383	0	56	15	0	1	0	44	0	0	267
Grand Valley State U.	372	378	0	142	81	0	12	0	0	0	64	79
Purdue U., Fort Wayne	373	371	0	0	16	0	0	0	33	0	6	316
CUNY, Advanced Science Research Center	374	365	0	70	0	0	295	0	0	0	0	0
Embry-Riddle Aeronautical U.	375	358	155	0	0	0	0	0	0	0	201	2
U. Central del Caribe	376	356	0	0	356	0	0	0	0	0	0	0
Saint Louis U.	377	355	5	34	305	0	0	0	0	0	0	11
Claremont Graduate U.	378	342	0	0	0	0	0	0	33	0	0	309
U. Wisconsin-Platteville	379	340 i	7 i	0 i	159 i	4 i	19 i	6 i	33 i	5 i	38 i	69 i
Georgia Southern U.	380	322	1	0	44	0	11	0	152	0	75	39
U. Chicago	380	322	0	0	231	0	0	0	73	0	0	18
U. Tulsa	382	320	0	11	84	0	68	5	0	0	152	0
CUNY, Graduate School of Public Health and Health Policy	383	318	0	0	318	0	0	0	0	0	0	0
Manhattan C.	384	316	0	0	0	0	0	0	0	0	266	50
East Tennessee State U.	385	315	0	0	186	0	0	0	56	0	18	55
California State U., Fullerton	386	305	15	53	223	0	14	0	0	0	0	0
Texas Christian U.	387	302	0	30	40	0	0	0	0	0	0	232
Santa Clara U.	388	299	0	0	61	0	0	0	238	0	0	0
New School	389	298	0	0	1	0	9	0	75	0	0	213
Western Carolina U.	390	297	0	23	27	0	0	0	0	0	163	84
Winston-Salem State U.	391	283	70	0	27	11	0	0	48	0	0	127
Citadel Military C. South Carolina	392	270	0	0	0	0	0	0	0	0	76	194
Azusa Pacific U.	393	266	0	0	0	0	0	252	14	0	0	0
Central Washington U.	393	266	0	8	212	0	0	0	34	0	5	7
Franklin and Marshall C.	393	266	0	0	18	0	0	10	0	0	0	238

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Southeastern Louisiana U.	393	266	31	0	20	0	142	0	0	0	8	65
U. San Francisco	397	265	0	68	56	0	0	0	0	0	0	141
Youngstown State U.	398	260	0	2	13	0	0	0	0	0	245	0
California State U., Bakersfield	399	259	0	0	8	39	159	0	31	0	22	0
U. Washington, Bothell	399	259	0	0	0	0	0	0	0	0	0	259
Colorado C.	401	258	0	0	0	0	0	0	0	0	0	258
Ball State U.	402	257	0	0	68	7	0	0	116	0	0	66
Princeton U.	403	255	0	0	130	0	0	0	0	0	69	56
California State U., Stanislaus	404	243	0	0	183	0	0	0	53	0	0	7
Dakota State U.	405	236	236	0	0	0	0	0	0	0	0	0
St. Cloud State U.	406	235	0	0	170	0	0	0	29	0	0	36
Missouri U. of Science and Technology	407	227	0	0	65	0	0	0	0	0	162	0
U. Missouri, Kansas City	408	225	0	0	0	0	0	65	0	0	41	119
Texas A&M U.-Commerce	409	222	0	0	23	0	0	0	0	0	8	191
Virginia Military Institute	410	221	215	0	6	0	0	0	0	0	0	0
Charles R. Drew U. of Medicine and Science	411	220	0	0	220	0	0	0	0	0	0	0
U. Arkansas, Little Rock	411	220	24	1	2	0	6	0	86	0	101	0
Marquette U.	413	207	0	0	0	0	0	0	0	0	207	0
Elizabeth City State U.	414	206	206	0	0	0	0	0	0	0	0	0
Loyola U., Chicago	415	204	0	0	204	0	0	0	0	0	0	0
U. West Florida	416	203	29	0	109	0	0	0	0	0	0	65
Winthrop U.	417	196	0	0	0	0	0	0	153	0	0	43
U. Maryland, Eastern Shore	418	192	0	35	157	0	0	0	0	0	0	0
C. New Jersey	419	186	0	0	156	0	0	0	0	0	30	0
U. Mississippi	420	183	0	0	108	0	0	0	0	0	75	0
Kean U.	421	180	122	0	58	0	0	0	0	0	0	0
Stockton U.	421	180	0	168	0	0	0	0	12	0	0	0
Des Moines U.	423	179	0	0	72	0	36	36	0	0	0	35
Erikson Institute	424	178	0	0	0	0	0	0	0	0	0	178
Towson U.	425	177	0	0	30	0	18	22	51	0	0	56
DePaul U.	426	169	0	0	0	0	0	0	169	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	427	168	0	0	168	0	0	0	0	0	0	0
New York Institute of Technology	428	167	154	0	0	0	0	0	1	0	0	12

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Southern U. and A&M C., Baton Rouge	462	80	0	0	27	0	0	0	0	0	53	0
Clark U.	463	77	0	0	0	0	0	0	77	0	0	0
U. Wisconsin-Oshkosh	464	72	0	0	19	0	1	0	43	0	9	0
U. Hawaii, Hilo	465	66	0	0	0	0	0	0	66	0	0	0
U. Missouri, Saint Louis	466	61	0	0	1	0	0	0	32	0	0	28
Rutgers, State U. New Jersey, Camden	467	60	0	0	0	0	0	17	43	0	0	0
U. Puerto Rico, Rio Piedras	467	60	0	43	17	0	0	0	0	0	0	0
Central Connecticut State U.	469	58	0	0	0	0	0	7	44	0	7	0
Edward Via C. of Osteopathic Medicine	469	58	0	0	58	0	0	0	0	0	0	0
Philadelphia C. of Osteopathic Medicine	471	57	0	0	57	0	0	0	0	0	0	0
U. Houston-Downtown	471	57	0	10	0	0	0	0	0	0	0	47
Claremont McKenna C.	473	56	0	0	0	0	0	56	0	0	0	0
U. of Mary Washington	474	54	0	0	0	0	0	0	0	0	0	54
New England C. of Optometry	475	52	0	0	52	0	0	0	0	0	0	0
Seattle U.	475	52	0	0	0	0	0	0	0	0	15	37
Macalester C.	477	51	0	0	51	0	0	0	0	0	0	0
Eastern Michigan U.	478	50	0	0	0	0	0	0	28	0	0	22
Fort Lewis C.	479	48	0	0	48	0	0	0	0	0	0	0
Hawaii Pacific U.	479	48	0	17	6	0	0	0	25	0	0	0
Troy U.	479	48	0	0	31	0	0	0	0	0	0	17
Northeast Ohio Medical U.	482	47	0	0	47	0	0	0	0	0	0	0
Bowdoin C.	483	46	0	46	0	0	0	0	0	0	0	0
Ithaca C.	483	46	0	46	0	0	0	0	0	0	0	0
Mercer U.	483	46	0	0	46	0	0	0	0	0	0	0
SUNY, C. Plattsburgh	483	46	0	46	0	0	0	0	0	0	0	0
East Stroudsburg U. Pennsylvania	487	44	0	0	1	8	7	0	0	0	0	28
Reed C.	488	38	1	0	15	1	4	1	4	0	0	12
SUNY, Oswego	489	36	0	0	3	0	1	0	32	0	0	0
Northland C.	490	35	0	2	16	0	0	2	4	0	0	11
Oklahoma State U., Center for Health Sciences	490	35	0	0	34	0	0	1	0	0	0	0
Kettering U.	492	34	0	0	0	0	0	0	0	0	34	0
Marymount U.	493	31	0	0	14	0	0	0	0	0	0	17
SUNY, Downstate Health Sciences U.	493	31	0	0	31	0	0	0	0	0	0	0

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. Alaska, Southeast	495	28	0	9	19	0	0	0	0	0	0	0
Whitman C.	496	25	0	0	0	0	0	0	0	0	0	25
California State U., Dominguez Hills	497	23	0	0	0	23	0	0	0	0	0	0
CUNY, Baruch C.	497	23	0	0	0	0	0	0	0	0	0	23
Murray State U.	497	23	0	0	19	0	4	0	0	0	0	0
Furman U.	500	22	0	0	22	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	501	21	0	0	21	0	0	0	0	0	0	0
Vassar C.	501	21	0	0	21	0	0	0	0	0	0	0
West Chester U. Pennsylvania	503	20	0	0	19	0	0	1	0	0	0	0
Pepperdine U.	504	19	0	0	0	0	0	0	0	0	0	19
Carleton C.	505	18	0	0	0	0	0	0	0	0	0	18
U. Hartford	506	17	0	0	0	0	0	0	17	0	0	0
CUNY, New York City C. of Technology	507	16	0	0	0	16	0	0	0	0	0	0
U. New England	508	15	0	15	0	0	0	0	0	0	0	0
Robert Morris U.	509	13 i	0 i	0 i	12 i	0 i	0 i	0 i	0 i	0 i	1 i	0 i
Calvin U.	510	12	0	0	0	0	0	0	10	0	2	0
Pomona C.	510	12	0	0	12	0	0	0	0	0	0	0
West Virginia School of Osteopathic Medicine	512	11	0	0	11	0	0	0	0	0	0	0
CUNY, Lehman C.	513	10	0	0	0	0	0	0	0	0	0	10
Middlebury C.	513	10	10	0	0	0	0	0	0	0	0	0
Brown U.	515	9	0	1	4	0	0	0	4	0	0	0
U. Michigan, Dearborn	515	9	0	0	0	0	0	0	0	0	9	0
SUNY, Geneseo	517	8	0	0	8	0	0	0	0	0	0	0
Savannah State U.	518	7	0	0	0	0	0	0	7	0	0	0
Swarthmore C.	519	6	0	0	0	0	0	1	0	0	0	5
Trinity U.	520	5	0	0	5	0	0	0	0	0	0	0
Alabama A&M U.	521	4	0 i	0 i	4 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Davidson C.	521	4	0	0	0	0	4	0	0	0	0	0
Eastern Connecticut State U.	523	3	0	1	2	0	0	0	0	0	0	0
Biola U.	524	2	0	0	0	0	0	0	0	0	2	0
Illinois Institute of Technology	524	2	0	0	2	0	0	0	0	0	0	0
Northern Kentucky U.	524	2	0	0	2	0	0	0	0	0	0	0
Central Michigan U.	527	1	0	0	0	0	0	0	1	0	0	0

TABLE 27

Higher education R&D expenditures funded by state and local governments, ranked by all R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Gallaudet U.	527	1	0	0	0	0	0	0	1	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 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.

^d Johns Hopkins University includes the Applied Physics Laboratory, with \$597 thousand in state and local government-financed R&D expenditures in FY 2022.

Note(s):

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

Source(s):

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