

TABLE 29

Higher education R&D expenditures funded by businesses, 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	-	6,221,128	184,448	91,593	4,118,928	13,942	216,254	13,266	48,351	42,317	1,316,843	175,186
U. Texas M. D. Anderson Cancer Center	1	248,261	0	0	247,338	94	707	15	107	0	0	0
Duke U.	2	219,452	430	279	212,259	147	514	0	471	0	2,896	2,456
U. Pennsylvania	3	203,003	119	17	196,554	0	1,286	146	795	0	3,103	983
SUNY, Polytechnic Institute	4	188,351	0	0	4	0	0	0	0	0	188,347	0
Massachusetts Institute of Technology	5	176,277	30,085	2,540	10,820	830	26,460	0	2,767	9,838	70,285	22,652
Wichita State U.	6	171,010	0	0	1,305	0	0	0	0	0	164,837	4,868
Ohio State U.	7	155,194	2,136	61	89,427	9	2,256	0	295	339	59,821	850
Stanford U.	8	144,300	4,580	4,670	110,700	170	6,538	312	682	0	15,807	841
U. California, San Francisco	9	143,206	0	0	137,546	0	5,660	0	0	0	0	0
Washington U., Saint Louis	10	129,843	362	0	128,294	0	256	0	0	0	169	762
Johns Hopkins U. ^a	11	126,685	1,236	142	114,107	370	818	0	321	295	8,602	794
U. Michigan, Ann Arbor	12	113,903	114	0	78,460	94	2,357	52	1,928	0	30,679	219
U. California, Los Angeles	13	109,531	3,650	654	87,164	12	1,256	301	208	6,872	8,155	1,259
U. California, San Diego	14	96,416	3	16,517	68,066	17	1,375	10	79	0	7,935	2,414
Georgia Institute of Technology	15	94,476	15,200	209	7,438	59	838	76	1,150	0	68,968	538
U. Southern California	16	93,933	545	0	87,783	0	1,057	54	523	0	2,613	1,358
Columbia U. in the City of New York	17	91,828	2,121	898	80,718	0	654	155	90	0	5,226	1,966
Vanderbilt U. and Vanderbilt U. Medical Center	18	86,265	389	78	82,252	0	659	0	118	0	1,517	1,252
U. Louisiana, Lafayette	19	82,197	5,856	1,345	58,008	916	562	0	68	0	8,422	7,020
Icahn School of Medicine at Mount Sinai	20	80,437	0	0	80,437	0	0	0	0	0	0	0
Yale U.	21	80,221	63	0	76,278	0	2,035	0	299	0	1,409	137
U. Texas, Austin	22	79,753	3,073	9,554	10,274	838	2,209	108	2,559	185	36,909	14,044
Purdue U., West Lafayette	23	78,298	2,378	122	12,449	46	11,225	28	738	65	44,304	6,943
U. California, Berkeley	24	75,493	406	0	17,936	86	11,138	270	3,161	8,699	32,255	1,542
U. Alabama, Birmingham	25	74,171	0	0	72,611	0	86	9	0	0	1,465	0
New York U.	26	73,289	1,098	0	63,392	1,964	38	771	161	0	3,975	1,890
Harvard U.	27	71,497	1,085	2,175	44,253	28	15,972	0	1,396	97	5,376	1,115
U. Washington, Seattle	28	71,487	2,053	32	58,286	71	1,002	0	53	0	9,288	702
Northwestern U.	29	67,114	2,537	0	55,084	0	2,425	0	117	1,699	5,008	244
Emory U.	30	64,772	148	147	62,480	17	692	0	0	0	1,232	56
North Carolina State U.	31	64,505	1,385	1,034	26,790	681	652	144	1,426	956	25,097	6,340
U. Colorado Anschutz Medical Campus	32	59,129	0	0	58,997	0	0	81	0	0	51	0
Cornell U.	33	59,081	1,219	0	47,123	0	913	77	164	0	2,728	6,857

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

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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	34	58,179	773	582	53,214	0	1,969	233	135	0	1,071	202
U. California, Davis	35	55,403	296	402	45,517	21	1,294	0	563	0	6,644	666
U. Minnesota, Twin Cities	36	55,081	871	0	47,186	194	1,509	107	402	64	4,261	487
Touro U., New York	37	53,387	0	0	53,387	0	0	0	0	0	0	0
Oregon Health and Science U.	38	53,139	0	0	52,756	0	0	0	0	0	383	0
U. Cincinnati	39	49,685	0	0	44,085	0	169	13	97	606	4,392	323
U. Utah	40	48,761	0	756	41,248	0	721	506	35	0	3,703	1,792
U. Miami	41	48,022	0	206	47,260	0	0	143	330	0	2	81
Carnegie Mellon U.	42	47,152	33,065	188	390	347	362	1	578	0	11,841	380
U. Texas Southwestern Medical Center	43	46,325	0	0	46,325	0	0	0	0	0	0	0
U. California, Irvine	44	46,182	516	92	35,318	0	2,406	152	601	88	6,894	115
U. Wisconsin-Madison	45	46,133	1,191	246	35,972	0	2,153	10	298	2,044	3,654	565
U. Chicago	46	44,990	264	0	40,591	84	868	21	16	0	3,086	60
U. Illinois, Urbana-Champaign	47	44,275	14,183	301	3,724	64	4,064	620	20	30	20,077	1,192
U. Pittsburgh, Pittsburgh	48	43,372	195	299	40,725	0	6	0	0	0	2,048	99
U. Florida	49	42,055	412	34	34,255	30	2,124	8	26	0	4,898	268
Medical C. Wisconsin	50	38,419	0	0	38,401	0	0	0	0	0	18	0
Rutgers, State U. New Jersey, New Brunswick	51	37,495	241	780	33,868	9	475	105	0	0	1,596	421
Texas A&M U., College Station and Health Science Center	52	37,390	456	1,757	9,545	0	1,574	0	77	114	18,477	5,390
U. Maryland ^b	53	37,011	1,658	294	29,329	32	1,097	0	1,069	25	2,212	1,295
Indiana U., Bloomington	54	36,938	672	64	32,890	0	1,441	4	221	58	1,448	140
California Institute of Technology	55	35,867	510	451	707	0	25,277	0	172	0	8,750	0
Virginia Polytechnic Institute and State U.	56	35,761	1,102	0	4,491	921	546	338	140	0	27,100	1,123
U. Iowa	57	34,039	19	0	30,969	0	21	0	42	0	2,276	712
Wake Forest U.	58	33,508	0	0	30,854	96	0	0	184	0	71	2,303
Baylor C. of Medicine	59	33,100	0	0	33,100	0	0	0	0	0	0	0
U. Nebraska, Lincoln and Medical Center ^c	60	32,720	228	28	23,377	503	1,764	26	45	167	5,719	863
U. Virginia, Charlottesville	61	31,588	1,330	0	25,278	0	323	0	0	0	4,466	191
Scripps Research Institute	62	31,164	0	0	31,164	0	0	0	0	0	0	0
U. Kansas	63	30,988	79	186	27,577	0	847	46	118	24	2,106	5
U. Rochester	64	30,075	371	0	26,590	0	1,766	0	0	615	733	0
Pennsylvania State U., University Park and Hershey Medical Center	65	29,300	1,305	300	10,155	115	1,746	179	167	0	14,717	616
Medical U. South Carolina	66	26,042	0	0	26,042	0	0	0	0	0	0	0
U. Arizona	67	25,328	13	1,083	18,644	15	831	73	150	150	4,083	286

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

(Dollars in thousands)

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Temple U.	68	25,150	50	0	24,011	0	53	60	0	0	794	182
Arizona State U.	69	24,693	1,189	185	3,030	0	348	208	1,158	2,217	13,803	2,555
Boston U.	70	23,362	3,151	40	16,037	0	403	279	143	0	2,882	427
Virginia Commonwealth U.	71	22,681	0	0	20,938	0	183	114	48	0	922	476
U. Massachusetts, Medical School	72	21,942	0	0	21,942	0	0	0	0	0	0	0
Thomas Jefferson U.	73	21,845	0	0	21,845	0	0	0	0	0	0	0
Iowa State U.	74	21,246	3	10	14,901	424	511	0	7	0	4,977	413
Clemson U.	75	21,139	399	0	2,742	8	586	247	221	0	11,740	5,196
SUNY, U. Buffalo	76	20,309	438	0	15,410	0	224	0	6	0	4,192	39
Princeton U.	77	20,077	2,759	3,571	1,838	601	3,815	0	1,488	0	5,969	36
Michigan State U.	78	18,603	737	54	8,648	164	1,298	0	57	6	5,262	2,377
U. Texas Health Science Center, Houston	79	17,466	0	0	17,466	0	0	0	0	0	0	0
U. North Dakota	80	17,438	3	85	129	0	33	0	21	0	17,155	12
Georgetown U.	81	17,345	0	0	16,201	2	186	1	104	85	0	766
Rush U.	82	16,533	0	0	16,533	0	0	0	0	0	0	0
Tufts U.	83	15,988	224	0	10,011	4	248	0	722	466	4,170	143
U. Missouri, Columbia	84	15,816	0	0	14,374	0	507	40	95	0	755	45
Texas Tech U.	85	15,461	106	879	6,204	37	400	592	1,991	0	2,438	2,814
U. Colorado Boulder	86	15,045	629	541	764	113	903	0	0	0	9,204	2,891
Louisiana State U., Baton Rouge	87	14,807	300	1,213	7,219	8	580	77	143	0	4,106	1,161
U. California, Santa Barbara	88	14,790	1,869	1,903	24	0	2,541	17	64	803	7,569	0
U. Notre Dame	89	14,640	909	0	674	0	356	3	97	65	11,385	1,151
Colorado State U., Fort Collins	90	13,597	39	541	8,546	313	818	74	200	167	2,895	4
U. South Florida	91	13,502	6	6	12,899	0	0	56	108	0	425	2
U. Georgia	92	12,988	16	245	9,918	0	3	294	251	0	2,074	187
U. Oklahoma, Norman and Health Science Center	93	12,753	590	1,008	8,974	0	202	9	0	0	1,970	0
Oklahoma State U., Stillwater	94	12,528	0	37	8,532	0	228	1	647	1	2,546	536
U. Texas, Dallas	95	12,518	543	0	1,021	0	573	106	49	0	10,166	60
Washington State U.	96	12,077	354	123	9,379	8	484	54	55	92	1,439	89
U. Kentucky	97	11,737	10	72	9,279	15	0	0	0	0	2,327	34
Auburn U., Auburn	98	11,570	23	14	3,381	0	75	907	479	164	3,104	3,423
Northeastern U.	99	11,524	500	124	5,700	0	2,874	498	74	0	1,685	69
Colorado School of Mines	100	11,399	21	3,843	583	94	276	0	69	0	6,459	54
U. Connecticut	101	11,251	610	38	5,344	387	146	250	8	0	4,278	190

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Rensselaer Polytechnic Institute	102	10,959	4,264	0	169	1,002	428	300	0	0	4,796	0
SUNY, Stony Brook U.	103	10,779	368	2,184	5,959	78	271	93	0	425	1,380	21
U. Texas Health Science Center, San Antonio	104	10,393	0	0	10,393	0	0	0	0	0	0	0
U. Central Florida	105	9,659	1,832	611	584	101	2,842	24	144	78	3,410	33
U. Louisville	106	9,580	0	0	8,664	0	68	0	0	25	823	0
U. Illinois, Chicago	107	9,469	1,387	0	6,498	0	0	0	122	15	1,201	246
U. Massachusetts, Amherst	108	9,220	2,293	288	1,248	0	46	42	11	0	5,025	267
Utah State U.	109	9,204	0	54	773	15	525	6	0	0	7,831	0
Syracuse U.	110	9,170	0	70	229	0	132	0	0	0	961	7,778
Oregon State U.	111	9,154	198	0	4,142	0	321	0	0	12	4,481	0
U. Houston	112	8,565	95	643	1,074	0	289	87	17	0	4,627	1,733
U. New Hampshire	113	8,471	0	895	1,098	0	63	0	0	0	6,094	321
Tulane U.	114	8,428	0	0	8,280	0	79	0	23	0	46	0
George Mason U.	115	8,346	215	282	353	203	0	54	2,352	0	650	4,237
U. Dayton	116	8,193	280	0	0	0	24	0	0	0	7,874	15
U. Tennessee, Knoxville	117	7,899	68	17	3,214	82	11	0	24	85	4,347	51
Kansas State U.	118	7,647	34	0	6,062	65	272	1	0	1	1,212	0
U. California, Santa Cruz	119	7,591	911	686	890	0	1,193	49	837	47	2,805	173
U. Massachusetts, Lowell	120	7,554	478	0	1,642	168	1,392	61	132	0	3,658	23
Rice U.	121	7,506	649	146	275	191	1,909	0	177	0	4,159	0
U. Arkansas, Fayetteville	122	7,368	194	35	3,772	0	217	35	158	0	2,873	84
U. California, Riverside	123	7,288	364	179	3,538	0	1,091	10	160	2	1,944	0
Abilene Christian U.	124	6,934	0	0	107	0	6,827	0	0	0	0	0
Southern Illinois U., Carbondale	125	6,916	0	115	5,990	0	63	42	61	79	491	75
U. Tulsa	126	6,766	0	0	0	0	4	78	0	0	6,682	2
Michigan Technological U.	127	6,632	95	1,025	718	0	95	2	0	6	4,691	0
SUNY, Upstate Medical U.	128	6,335	0	0	6,335	0	0	0	0	0	0	0
U. Texas Medical Branch	129	6,138	0	0	6,138	0	0	0	0	0	0	0
Brown U.	130	6,120	798	0	3,410	0	172	0	35	0	1,577	128
U. Texas, San Antonio	131	5,971	553	43	735	0	545	10	717	0	1,218	2,150
George Washington U.	132	5,655	0	0	4,731	0	0	0	89	0	67	768
Albert Einstein C. of Medicine	133	5,637	0	0	5,637	0	0	0	0	0	0	0
Florida State U.	134	5,614	33	1,891	294	175	582	0	26	29	2,517	67
U. Alaska, Fairbanks	135	5,505	15	1,325	1,005	0	30	0	10	1,905	1,215	0

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U. New Mexico	136	5,469	0	0	5,003	0	0	0	59	0	382	25
Woods Hole Oceanographic Institution	137	5,431	0	4,321	0	0	0	0	0	0	1,110	0
Saint Louis U.	138	5,412	58	14	5,148	0	19	0	0	0	0	173
Georgia Southern U.	139	5,367	0	58	343	0	4,161	2	35	24	359	385
Wayne State U.	140	5,339	0	7	4,021	2	531	1	1	0	347	429
U. Texas, Arlington	141	5,284	300	9	487	0	425	10	21	0	3,492	540
U. Arkansas for Medical Sciences	142	5,274	0	0	5,274	0	0	0	0	0	0	0
U. Delaware	143	5,204	142	872	798	3	780	0	41	0	2,363	205
U. Maine	144	5,043	61	277	1,302	0	0	0	92	1,170	2,115	26
West Virginia U.	145	4,977	0	93	3,970	0	24	53	26	0	807	4
Oakland U.	146	4,953	403	0	1,475	0	1,282	0	0	0	1,793	0
Case Western Reserve U.	147	4,659	113	0	2,516	0	373	0	130	8	1,356	163
East Carolina U.	148	4,648	0	60	4,530	0	0	9	0	0	49	0
U. Vermont	149	4,622	0	0	3,224	11	0	0	0	0	1,387	0
Howard U.	150	4,552	33	0	2,571	0	378	99	5	0	1,411	55
Augusta U.	151	4,396	0	0	4,396	0	0	0	0	0	0	0
Loyola U., Chicago	152	4,302	0	0	4,302	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	153	4,183	0	0	4,183	0	0	0	0	0	0	0
Worcester Polytechnic Institute	154	4,072	110	0	210	0	112	0	0	0	3,640	0
SUNY, Binghamton U.	155	4,067	283	0	67	0	246	13	295	0	3,163	0
Albany Medical C.	156	3,956	0	0	3,956	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	157	3,914	0	0	3,914	0	0	0	0	0	0	0
Missouri U. of Science and Technology	158	3,907	15	0	14	0	72	0	0	0	3,806	0
Ohio U.	159	3,767	157	3	145	0	65	0	0	0	3,369	28
Louisiana State U., Health Sciences Center, Shreveport	160	3,715	0	0	3,715	0	0	0	0	0	0	0
U. South Carolina, Columbia	161	3,629	185	0	1,055	0	0	0	26	0	2,112	251
Cleveland State U.	162	3,494	0	0	2,910	0	0	0	49	0	477	58
Louisiana State U., Health Sciences Center, New Orleans	163	3,478	0	0	3,478	0	0	0	0	0	0	0
Baylor U.	164	3,460	151	19	45	0	134	0	11	0	2,833	267
Indiana U.-Purdue U., Indianapolis	165	3,434	663	37	1,578	0	0	3	657	0	369	127
Stevens Institute of Technology	166	3,397	264	0	24	0	134	0	0	0	2,975	0
U. Hawaii, Manoa	167	3,390	2	1,503	1,048	0	74	2	13	20	698	30
New Mexico Institute of Mining and Technology	168	3,346	35	150	0	3	0	0	0	0	3,125	33
New York Medical C.	169	3,319	0	0	3,319	0	0	0	0	0	0	0

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U. Mississippi	170	3,311	11	0	3,223	0	14	0	0	0	0	63
Western Michigan U. and Homer Stryker M.D. School of Medicine	171	3,280	0	0	387	0	9	153	18	0	2,711	2
Georgia State U.	172	3,269	58	49	1,007	0	156	200	376	0	0	1,423
U. Puerto Rico, Medical Sciences Campus	173	3,259	0	0	3,259	0	0	0	0	0	0	0
Mercer U.	174	3,247	0	0	528	0	0	0	0	0	2,719	0
Mississippi State U.	175	3,140	16	0	1,537	0	77	0	1	0	1,463	46
U. North Carolina, Charlotte	176	3,136	120	43	361	0	312	39	99	0	1,665	497
Rockefeller U.	177	3,089	0	0	3,088	0	1	0	0	0	0	0
Rochester Institute of Technology	178	3,084	36	0	36	0	820	0	0	0	2,188	4
Florida International U.	179	3,019	663	7	950	0	0	134	0	0	1,265	0
Brigham Young U., Provo	180	2,980	15	44	829	0	984	22	0	0	1,086	0
U. Wyoming	181	2,848	177	1,094	1,218	0	20	0	48	0	291	0
Claremont Graduate U.	182	2,709	0	0	0	0	0	0	0	0	0	2,709
U. Nevada, Reno	183	2,666	0	31	1,877	0	53	0	19	0	686	0
Florida Atlantic U.	184	2,611	168	0	1,976	0	44	0	0	0	269	154
U. Michigan, Dearborn	185	2,601	0	0	2	0	0	0	6	0	2,587	6
Philadelphia C. of Osteopathic Medicine	186	2,547	0	0	2,547	0	0	0	0	0	0	0
Saint Joseph's U.	187	2,517	0	0	2,263	0	122	130	0	0	0	2
Milwaukee School of Engineering	188	2,509	6	0	138	0	0	0	0	0	2,365	0
Texas Christian U.	189	2,491	1	44	133	0	157	1	0	0	36	2,119
U. Maryland, Baltimore County	190	2,469	857	299	155	0	308	0	0	0	570	280
Dartmouth C. and Dartmouth Hitchcock Medical Center	191	2,415	126	0	1,448	0	57	0	25	124	635	0
U. Massachusetts, Boston	192	2,400	37	25	367	0	105	57	431	0	95	1,283
U. Toledo	193	2,292	0	14	1,632	0	98	0	15	0	528	5
San Jose State U.	194	2,101	3	986	0	0	12	130	0	0	742	228
U. Rhode Island	195	2,094	0	260	909	0	44	49	89	22	710	11
U. Denver	196	1,978	64	0	315	0	0	0	30	0	1,337	232
U. Alabama, Tuscaloosa	197	1,973	0	106	141	0	4	0	319	0	1,162	241
U. North Texas, Denton	198	1,907	34	17	717	0	542	2	0	0	534	61
New Mexico State U.	199	1,873	0	2	1,208	0	199	125	4	134	201	0
U. Idaho	200	1,846	338	98	1,203	0	0	0	10	0	197	0
U. Memphis	201	1,839	122	54	427	0	2	0	62	0	886	286
U. Akron	202	1,836	0	11	152	0	536	118	0	0	1,019	0
U. Massachusetts, Dartmouth	203	1,808	0	1,375	15	0	250	0	94	0	74	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
Drexel U.	204	1,727	0	0	860	0	0	0	0	14	787	66
U. North Carolina, Wilmington	205	1,640	480	0	180	0	0	0	6	0	891	83
Southern Methodist U.	206	1,601	0	124	116	0	0	0	0	801	558	2
U. Nevada, Las Vegas	207	1,599	0	442	354	0	231	0	38	0	309	225
Loma Linda U.	208	1,469	0	0	1,469	0	0	0	0	0	0	0
South Dakota State U.	209	1,432	0	0	1,270	109	0	0	0	0	52	1
U. Wisconsin-Milwaukee	210	1,431	0	0	102	0	77	166	902	0	175	9
Teachers C., Columbia U.	211	1,428	0	0	0	0	0	0	1,428	0	0	0
New Jersey Institute of Technology	212	1,385	623	0	42	0	54	0	0	0	633	33
Texas State U.	213	1,378	344	313	139	0	69	0	39	60	396	18
Miami U.	214	1,350	0	0	519	53	207	128	7	0	408	28
SUNY, C. of Optometry	215	1,328	0	0	1,328	0	0	0	0	0	0	0
U. South Alabama	216	1,300	0	6	1,069	0	0	6	0	0	94	125
U. California, Merced	217	1,294	78	1	52	0	28	0	52	5	454	624
Illinois Institute of Technology	218	1,292	0	0	619	0	98	0	0	0	506	69
North Dakota State U.	218	1,292	42	0	873	0	128	0	100	32	117	0
Eastern Virginia Medical School	220	1,277	0	0	1,277	0	0	0	0	0	0	0
U. Texas, El Paso	221	1,268	157	338	25	0	210	0	0	0	303	235
Rowan U.	222	1,230	144	12	153	44	185	4	0	0	649	39
California Polytechnic State U., San Luis Obispo	223	1,205	7	0	726	0	15	0	43	0	361	53
William & Mary	224	1,174	130	231	247	0	80	0	292	0	0	194
Alaska Pacific U.	225	1,173	0	1,173	0	0	0	0	0	0	0	0
West Texas A&M U.	226	1,135	4	0	642	0	0	0	0	0	489	0
Clarkson U.	227	1,093	0	0	3	0	30	0	45	0	969	46
CUNY, Graduate School of Public Health and Health Policy	228	1,057	0	0	1,057	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	229	1,041	82	40	24	0	64	0	0	0	786	45
Creighton U.	230	1,033	30	0	767	8	52	10	65	0	0	101
Northern Arizona U.	231	1,023	0	106	220	0	0	0	0	0	682	15
Boston C.	232	974	20	0	328	0	233	0	313	0	0	80
Montana State U., Bozeman	233	956	3	0	445	0	61	0	0	0	447	0
SUNY, U. Albany	234	927	0	437	297	26	48	0	0	0	98	21
Lehigh U.	235	893	0	0	0	25	100	0	0	0	745	23
Marquette U.	236	879	122	0	281	0	0	111	0	0	364	1
U. North Texas, Health Science Center	237	847	0	0	620	0	0	0	227	0	0	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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. Colorado Denver	238	846	0	0	397	0	43	260	4	0	101	41
St. Cloud State U.	239	835	10	0	16	0	4	1	77	0	39	688
U. North Florida	240	825	0	0	7	5	16	0	0	0	797	0
Desert Research Institute	241	802	0	802	0	0	0	0	0	0	0	0
Pittsburg State U.	242	755	0	0	0	0	0	0	0	0	755	0
Kent State U.	243	753	78	0	66	0	245	132	17	43	100	72
Southern Illinois U., Edwardsville	244	752	0	5	0	0	230	92	0	0	13	412
CUNY, Hunter C.	245	739	0	0	693	0	36	0	0	0	0	10
U. Alabama, Huntsville	246	731	153	35	0	0	233	0	0	0	304	6
Louisiana Tech U.	247	722	71	0	84	3	74	1	0	0	485	4
Morgan State U.	248	721	140	0	2	0	6	0	158	0	415	0
U. Wisconsin-La Crosse	249	709	0	0	0	0	0	0	704	0	0	5
Pennsylvania State U., Behrend	250	708	0	0	108	0	344	0	0	0	256	0
Portland State U.	250	708	236	0	43	0	15	0	3	0	366	45
Northern Illinois U.	252	705	0	165	0	0	0	0	13	0	527	0
Appalachian State U.	253	702	0	0	693	0	0	8	0	0	0	1
Dakota State U.	254	692	692	0	0	0	0	0	0	0	0	0
Brandeis U.	255	661	117	0	222	0	9	0	313	0	0	0
Naval Postgraduate School	256	654	120	0	0	0	0	0	0	0	534	0
Southern U. and A&M C., Baton Rouge	257	648	16	0	0	0	7	0	30	0	0	595
Ball State U.	258	637	0	0	81	2	0	3	0	0	0	551
Benedict C.	259	635	22	0	0	0	0	0	0	0	613	0
Keck Graduate Institute	260	634	0	0	634	0	0	0	0	0	0	0
North Carolina A&T State U.	261	628	122	0	3	0	0	0	0	2	310	191
Villanova U.	262	622	0	0	0	0	10	0	0	0	612	0
Texas Tech U., Health Sciences Center	263	608	0	0	567	0	0	0	0	0	0	41
Idaho State U.	264	605	0	25	417	0	0	0	0	0	163	0
American U.	265	603	0	0	0	0	0	0	0	0	0	603
U. West Florida	266	601	60	0	45	1	0	0	491	0	0	4
Purdue U., Northwest	267	597	3	0	0	0	55	0	0	0	520	19
Florida A&M U.	268	586	0	0	524	0	0	0	0	0	57	5
U. Missouri, Kansas City	269	582	0	53	270	0	0	57	0	0	202	0
U. Texas Rio Grande Valley	270	569	0	0	59	0	0	0	0	0	508	2
Rosalind Franklin U. of Medicine and Science	271	565	0	0	565	0	0	0	0	0	0	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
Occidental C.	272	554	0	309	61	0	107	18	59	0	0	0
Rutgers, State U. New Jersey, Camden	273	544	40	0	265	0	78	9	150	0	0	2
Nova Southeastern U.	274	543	0	29	347	0	0	167	0	0	0	0
U. Houston-Clear Lake	275	533	0	0	433	0	20	0	0	0	80	0
Morehead State U.	276	530	0	0	1	0	0	0	0	0	529	0
U. Colorado Colorado Springs	277	523	216	0	0	0	0	0	0	0	307	0
SUNY, C. of Environmental Science and Forestry	278	515	0	0	409	0	0	0	0	0	41	65
U. Arkansas, Little Rock	279	513	32	0	2	0	0	0	0	0	103	376
Wright State U.	279	513	14	0	496	0	0	0	0	0	3	0
Marshall U.	281	510	0	0	424	0	41	0	0	0	0	45
North Carolina Central U.	282	494	24	8	52	0	65	0	19	33	116	177
U. New Orleans	283	491	14	4	0	0	32	0	19	0	310	112
Prairie View A&M U.	284	490	32	0	52	0	8	0	0	0	398	0
Texas A&M U.-Kingsville	285	487	0	0	452	0	0	0	0	0	35	0
Southeastern Louisiana U.	286	472	0	0	407	0	65	0	0	0	0	0
San Diego State U.	287	469	0	0	111	0	76	0	0	0	265	17
California State U., Stanislaus	288	468	0	0	233	0	0	235	0	0	0	0
Western U. of Health Sciences	289	457	0	0	439	0	0	0	0	0	0	18
U. Puerto Rico, Mayaguez	290	455	9	17	2	27	173	0	0	0	217	10
Marshall B. Ketchum U.	291	454	0	0	454	0	0	0	0	0	0	0
CUNY, Advanced Science Research Center	292	451	0	0	0	0	390	0	0	0	61	0
U. North Carolina, Greensboro	293	450	0	0	321	0	65	0	0	0	0	64
U. Oregon	294	443	14	10	52	0	243	75	0	0	11	38
Hawaii Pacific U.	295	438	0	0	438	0	0	0	0	0	0	0
California State Polytechnic U., Humboldt	296	437	0	0	347	0	0	0	5	0	71	14
Langston U.	297	430	0	0	430	0	0	0	0	0	0	0
Boise State U.	298	426	0	9	113	0	165	0	17	0	122	0
New C. Florida	299	425	0	0	425	0	0	0	0	0	0	0
Central Michigan U.	300	408	0	140	268	0	0	0	0	0	0	0
New England C. of Optometry	301	390	0	0	390	0	0	0	0	0	0	0
Old Dominion U.	302	387	76	49	57	0	93	0	0	0	112	0
Chapman U.	303	383	0	0	383	0	0	0	0	0	0	0
Alabama A&M U.	304	381	7	0	227	2	19	6	18	0	64	38
U. Minnesota, Duluth	304	381	0	0	237	74	0	0	0	0	70	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
DePaul U.	306	372	72	0	0	0	0	0	0	0	0	300
U. Southern Mississippi	306	372	0	120	168	0	71	0	0	0	0	13
Franklin and Marshall C.	308	371	0	0	0	0	0	0	55	0	0	316
CUNY, Lehman C.	309	365	0	0	57	0	283	25	0	0	0	0
Santa Clara U.	310	364	0	0	0	0	0	0	0	0	362	2
U.S. Air Force Academy	311	357	25	7	0	0	10	0	12	0	225	78
Lamar U.	312	342	2	0	5	0	0	0	0	0	117	218
St. John's U., New York	313	341	48	0	224	0	0	69	0	0	0	0
U. Wisconsin-Platteville	314	339	6	0	158	4	20	6	33	4	38	70
Alfred U.	315	330	0	0	0	0	0	0	0	0	330	0
Toyota Technological Institute, Chicago	316	321	321	0	0	0	0	0	0	0	0	0
SUNY, Downstate Health Sciences U.	317	313	0	0	313	0	0	0	0	0	0	0
Colgate U.	318	305	0	0	0	0	305	0	0	0	0	0
Bucknell U.	319	299	6	0	0	0	0	0	0	0	293	0
Alabama State U.	320	296	0	0	0	141	0	0	0	0	0	155
Albany C. of Pharmacy and Health Sciences	321	287	0	0	287	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	322	286	0	0	0	0	0	0	0	0	286	0
Tarleton State U.	322	286	0	0	186	100	0	0	0	0	0	0
U. Alaska, Anchorage	324	283	0	111	106	0	0	0	0	0	20	46
Duquesne U.	325	275	0	0	182	3	16	0	2	0	61	11
U.S. Military Academy	326	269	0	0	0	3	0	83	0	0	183	0
Catholic U. of America	327	264	0	0	218	0	0	0	0	0	46	0
Arkansas State U., Jonesboro	328	260	0	0	20	0	116	0	73	0	15	36
U. of St. Thomas (MN)	329	255	0	0	4	1	81	0	0	0	166	3
Smith C.	330	253	188	0	0	0	0	0	0	0	65	0
U. Puerto Rico, Rio Piedras	331	252	20	0	180	10	42	0	0	0	0	0
U. Tennessee, Chattanooga	331	252	0	0	11	22	0	7	0	3	209	0
U. Wisconsin-Eau Claire	333	248	0	0	39	0	65	69	68	0	0	7
Western Illinois U.	334	243	0	0	95	0	0	0	0	0	0	148
California State U., Fresno	335	238	0	0	229	0	0	0	9	0	0	0
Sam Houston State U.	336	235	20	0	40	0	0	58	117	0	0	0
Bowling Green State U.	337	233	48	0	152	0	33	0	0	0	0	0
Franklin W. Olin C. of Engineering	338	230	0	0	0	0	0	0	0	0	230	0
Montana Technological U.	338	230	0	29	98	0	0	0	0	0	103	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
Texas A&M U.-Corpus Christi	338	230	82	144	0	0	0	0	0	0	1	3
Texas Tech U., Health Sciences Center, El Paso	341	229	0	0	229	0	0	0	0	0	0	0
U. Texas, Tyler	342	227	0	0	96	0	0	0	0	0	126	5
CUNY, City C.	343	223	0	0	86	0	1	0	0	0	122	14
Wesleyan U.	344	221	0	0	151	22	48	0	0	0	0	0
U. Montana, Missoula	345	220	0	92	103	0	25	0	0	0	0	0
California State U., Channel Islands	346	219	0	0	0	0	219	0	0	0	0	0
U. Wisconsin-River Falls	347	213	0	0	167	0	20	0	0	0	15	11
California State U., Fullerton	348	204	0	1	37	0	0	0	166	0	0	0
U. Maryland Center for Environmental Science	349	198	0	189	9	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Newark	350	195	0	9	6	0	0	0	130	0	0	50
U. Texas of the Permian Basin	351	190	0	4	15	0	34	46	3	0	88	0
Florida Polytechnic U.	352	183	0	0	0	0	6	0	0	0	177	0
Lawrence Technological U.	352	183	0	0	0	0	0	0	0	0	66	117
Norfolk State U.	354	182	95	0	0	0	0	0	0	0	82	5
Gustavus Adolphus C.	355	181	0	0	0	0	181	0	0	0	0	0
Pennsylvania State U., Harrisburg	356	178	0	0	178	0	0	0	0	0	0	0
Purdue U., Fort Wayne	357	172	0	0	103	0	0	0	0	0	69	0
U. Texas Health Science Center, Tyler	357	172	0	0	172	0	0	0	0	0	0	0
California State Polytechnic U., Pomona	359	171	0	0	113	0	0	0	0	0	56	2
Western Carolina U.	359	171	0	0	36	0	0	0	44	0	59	32
Texas A&M International U.	361	170	0	0	0	0	0	0	0	0	0	170
National U. of Natural Medicine	362	169	0	0	169	0	0	0	0	0	0	0
Monmouth U.	363	168	0	147	13	0	0	0	0	0	0	8
Texas Woman's U.	364	166	0	0	166	0	0	0	0	0	0	0
Kennesaw State U.	365	157	52	0	59	17	0	0	0	0	20	9
U. Wisconsin-Oshkosh	365	157	0	0	157	0	0	0	0	0	0	0
Tennessee State U.	367	155	73	0	14	0	0	0	0	0	68	0
Van Andel Research Institute	367	155	0	0	155	0	0	0	0	0	0	0
Illinois State U.	369	152	25	0	91	0	3	0	0	0	0	33
California State U., Long Beach	370	149	4	0	2	9	27	0	18	0	44	45
Manhattan C.	371	146	0	0	26	0	0	0	0	0	82	38
Albany State U.	372	145	0	0	0	0	3	0	7	0	135	0
Elizabeth City State U.	372	145	10	0	0	0	0	0	31	0	0	104

TABLE 29

Higher education R&D expenditures funded by businesses, 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
Middle Tennessee State U.	374	143	0	0	121	8	14	0	0	0	0	0
Florida Institute of Technology	375	142	0	82	0	0	0	0	0	0	60	0
U. Detroit Mercy	376	140	0	0	1	0	0	0	0	0	139	0
East Tennessee State U.	377	130	0	0	90	0	0	0	0	0	0	40
Fayetteville State U.	377	130	21	0	29	0	0	0	8	0	0	72
Furman U.	379	128	0	0	128	0	0	0	0	0	0	0
CUNY, Graduate Center	380	127	68	0	0	0	58	1	0	0	0	0
U. North Carolina, Asheville	381	126	0	0	0	0	0	0	0	0	0	126
U. Oklahoma, Tulsa	382	124	0	0	63	0	0	0	0	0	61	0
West Chester U. Pennsylvania	382	124	0	17	83	23	0	0	0	0	0	1
Tennessee Technological U.	384	120	0	0	0	0	0	0	0	0	120	0
California State U., Northridge	385	113	0	3	0	0	50	0	0	0	60	0
CUNY, John Jay C. of Criminal Justice	386	111	0	0	0	0	0	0	6	0	0	105
Florida Gulf Coast U.	387	108	0	0	4	0	0	0	14	0	63	27
U. Missouri, Saint Louis	388	105	0	0	0	0	67	0	0	0	38	0
Seton Hall U.	389	104	0	0	0	0	0	0	5	0	0	99
Air Force Institute of Technology	390	102	31	0	0	0	71	0	0	0	0	0
Oregon Institute of Technology	391	97	3	7	67	1	0	3	0	0	16	0
U. Central Oklahoma	392	95	3	0	48	2	5	1	5	0	10	21
Christopher Newport U.	393	94	0	0	94	0	0	0	0	0	0	0
CUNY, Baruch C.	394	91	0	0	75	16	0	0	0	0	0	0
Pennsylvania State U., Altoona	394	91	0	0	0	0	0	0	0	0	91	0
Long Island U.	396	90	0	0	90	0	0	0	0	0	0	0
Western New England U.	397	89	0	0	79	0	0	0	0	0	10	0
U. Wisconsin-Superior	398	87	0	0	0	0	0	0	0	0	0	87
Central Washington U.	399	85	0	11	0	0	0	0	71	0	0	3
Loyola Marymount U.	400	84	0	0	84	0	0	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	400	84	0	0	84	0	0	0	0	0	0	0
Clark U.	402	81	0	0	75	0	0	0	6	0	0	0
Wellesley C.	403	80	0	9	0	0	71	0	0	0	0	0
Clark Atlanta U.	404	79	53	0	17	0	9	0	0	0	0	0
Murray State U.	404	79	0	0	38	0	24	0	0	0	0	17
Touro U., California	404	79	0	0	79	0	0	0	0	0	0	0
Towson U.	404	79	0	0	79	0	0	0	0	0	0	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
Babson C.	408	78	0 i	0 i	0 i	2 i	0 i	0 i	21 i	0 i	0 i	55 i
Western Kentucky U.	408	78	0	0	30	0	0	0	0	0	43	5
Midwestern U.	410	76	0	0	76	0	0	0	0	0	0	0
Roger Williams U.	411	72	4	0	0	0	0	0	0	0	4	64
Pacific U.	412	70	0	0	70	0	0	0	0	0	0	0
U. Northern Colorado	413	69	0	0	66	0	3	0	0	0	0	0
U. San Diego	413	69	0	0	0	0	0	0	0	0	0	69
Southern Connecticut State U.	415	68	0	0	0	0	0	0	0	11	0	57
U. Houston-Downtown	415	68	0	0	0	0	0	0	0	0	0	68
Roseman U. of Health Sciences	417	67	0	0	67	0	0	0	0	0	0	0
Lake Superior State U.	418	66	0	0	48	0	0	0	0	0	18	0
Western Washington U.	418	66	0	0	0	0	1	24	1	0	40	0
C. Charleston	420	64	53	0	0	0	11	0	0	0	0	0
California State U., Monterey Bay	420	64	6	54	4	0	0	0	0	0	0	0
Meharry Medical C.	420	64	0	0	64	0	0	0	0	0	0	0
U. Nebraska, Omaha	423	61	0	0	57	0	0	4	0	0	0	0
New York Institute of Technology	424	60	0	0	39	0	21	0	0	0	0	0
U. Guam	425	59	0	27	32	0	0	0	0	0	0	0
U. Hawaii, Hilo	425	59	0	0	50	0	9	0	0	0	0	0
Eastern Kentucky U.	427	56	0	0	54	0	0	2	0	0	0	0
New School	427	56	0	0	0	0	0	0	47	0	0	9
Seattle U.	429	55	0	0	4	0	0	0	0	0	0	51
U. of the Incarnate Word	430	54	0	0	0	0	0	0	0	0	54	0
Ferris State U.	431	53	0	0	50	0	3	0	0	0	0	0
U. Wisconsin-Green Bay	432	52	1 i	2 i	31 i	0 i	2 i	1 i	2 i	0 i	8 i	5 i
Albion C.	433	50	0	50	0	0	0	0	0	0	0	0
Delaware State U.	434	48	0	0	48	0	0	0	0	0	0	0
Liberty U.	434	48	0	0	48	0	0	0	0	0	0	0
U. of the Virgin Islands	434	48	0	0	48	0	0	0	0	0	0	0
Youngstown State U.	437	47	0	0	0	0	26	0	0	0	21	0
Sonoma State U.	438	46	0	17	29	0	0	0	0	0	0	0
CUNY, Brooklyn C.	439	44	1	1	9	0	33	0	0	0	0	0
U. South Dakota	439	44	0	0	19	0	0	0	0	0	0	25
California State U., Dominguez Hills	441	41	0	0	0	0	0	0	9	0	0	32

TABLE 29

Higher education R&D expenditures funded by businesses, 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
CUNY, C. Staten Island	441	41	0	0	0	0	39	0	0	0	0	2
U. Arkansas, Pine Bluff	441	41	0	0	41	0	0	0	0	0	0	0
U. Central Arkansas	444	40	0	0	40	0	0	0	0	0	0	0
Stockton U.	445	36	0	36	0	0	0	0	0	0	0	0
Azusa Pacific U.	446	35	0	0	0	0	0	35	0	0	0	0
Drake U.	447	34	0	0	34	0	0	0	0	0	0	0
Indiana State U.	448	32	0	0	20	0	0	0	0	0	12	0
Stephen F. Austin State U.	448	32	0	15	17	0	0	0	0	0	0	0
U. Louisiana, Monroe	450	30	0	0	0	0	0	0	0	0	0	30
U. New England	451	29	0	0	29	0	0	0	0	0	0	0
California State U., Sacramento	452	26	17	0	6	0	0	0	0	0	2	1
Montclair State U.	452	26	0	0	26	0	0	0	0	0	0	0
U. Nebraska, Kearney	454	25	0	0	23	0	2	0	0	0	0	0
Alcorn State U.	455	24	0	0	24	0	0	0	0	0	0	0
U. New Haven	455	24	0	0	0	0	15	0	9	0	0	0
Robert Morris U.	457	22	0	0	0	0	0	0	0	0	22	0
Butler U.	458	20	0	0	0	0	20	0	0	0	0	0
Missouri State U.	458	20	0	0	20	0	0	0	0	0	0	0
U. Baltimore	458	20	0	0	0	0	0	0	20	0	0	0
U. Scranton	458	20	0	0	20	0	0	0	0	0	0	0
Bentley U.	462	18	0	0	18	0	0	0	0	0	0	0
California State U., Chico	462	18	0	0	13	0	5	0	0	0	0	0
CUNY, system office	462	18	18	0	0	0	0	0	0	0	0	0
James Madison U.	462	18	0	0	0	10	8	0	0	0	0	0
Marian U., Indianapolis	462	18	0	0	0	0	18	0	0	0	0	0
Indiana U. Pennsylvania	467	17	0	0	0	0	0	0	17	0	0	0
Kentucky State U.	467	17	13	0	4	0	0	0	0	0	0	0
Union C., Schenectady	467	17	0	0	0	0	5	0	12	0	0	0
Bryn Mawr C.	470	16	0	0	0	0	0	16	0	0	0	0
Kean U.	471	15	15	0	0	0	0	0	0	0	0	0
Utah Valley U.	472	14	0	0	14	0	0	0	0	0	0	0
Radford U.	473	13	0	0	13	0	0	0	0	0	0	0
Davidson C.	474	12	0	0	0	0	12	0	0	0	0	0
Oklahoma State U., Center for Health Sciences	475	11	0	0	11	0	0	0	0	0	0	0

TABLE 29

Higher education R&D expenditures funded by businesses, 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
CUNY, New York City C. of Technology	476	10	0	0	0	10	0	0	0	0	0	0
U. of the Pacific	477	9	0	0	1	0	0	0	0	0	8	0
Barnard C.	478	8	0	0	0	0	8	0	0	0	0	0
CUNY, Queens C.	478	8	0	0	0	0	8	0	0	0	0	0
Eastern Washington U.	478	8	0	0	3	1	0	0	4	0	0	0
Lipscomb U.	478	8	0	0	8	0	0	0	0	0	0	0
Southern U., New Orleans	478	8	0	0	0	0	0	0	0	0	0	8
Trinity C., Hartford	483	7	7	0	0	0	0	0	0	0	0	0
U. North Georgia	483	7	0	0	7	0	0	0	0	0	0	0
Winthrop U.	483	7	0	0	0	0	5	0	0	0	0	2
Fort Lewis C.	486	6	0	0	0	0	6	0	0	0	0	0
Northern Kentucky U.	486	6	0	0	0	0	0	0	1	0	0	5
Saginaw Valley State U.	486	6 i	0 i	0 i	4 i	0 i	0 i	0 i	0 i	0 i	0 i	2 i
Lafayette C.	489	5	0	0	0	0	0	0	0	0	0	5
Wheaton C., Wheaton	489	5	0	0	0	0	5	0	0	0	0	0
Jackson State U.	491	4	0	0	4	0	0	0	0	0	0	0
Lincoln Memorial U.	491	4	0	0	4	0	0	0	0	0	0	0
SUNY, Cobleskill	491	4	0	0	4	0	0	0	0	0	0	0
Texas A&M U.-San Antonio	491	4	0	0	0	0	0	0	0	0	4	0
Tougaloo C.	491	4 i	0 i	0 i	1 i	1 i	0 i	0 i	0 i	1 i	1 i	0 i
William Paterson U.	491	4	0	0	3	0	0	0	0	0	0	1
Fordham U.	497	3	0	0	0	0	0	0	0	0	0	3
Texas A&M U.-Commerce	497	3	3	0	0	0	0	0	0	0	0	0
U. Hartford	497	3	0	0	0	0	0	0	0	0	3	0
California State U., San Bernardino	500	1	0	0	0	0	0	0	1	0	0	0
Northern Michigan U.	500	1	0	0	0	0	0	0	0	0	0	1
Oberlin C.	500	1	0	0	0	0	0	0	1	0	0	0
SUNY, Oswego	500	1	0	0	0	0	0	0	0	0	1	0
Troy U.	500	1	0	0	1	0	0	0	0	0	0	0
U. Washington, Bothell	500	1	0	0	1	0	0	0	0	0	0	0
U. Washington, Tacoma	500	1	0	0	0	0	0	0	0	1	0	0

i = imputed.

nec = not elsewhere classified; S&E = science and engineering.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$5,990 thousand in business-financed R&D expenditures in FY 2023.

^b 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.

^c 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.

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.