

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
All institutions	-	53,971,468	7,978,816	2,488,278	30,288,941	2,044,072	6,035,698	1,500,988	3,634,675
Johns Hopkins U. <sup>b</sup>	1	2,971,816	1,476,638	12,785	844,336	426,124	38,498	1,226	172,209
U. Washington, Seattle	2	1,083,090	108,842	41,060	693,347	20,794	135,492	7,702	75,853
U. California, San Diego	3	970,696	104,632	38,141	627,145	13,781	129,565	2,511	54,921
U. Michigan, Ann Arbor	4	970,636	82,277	43,491	680,713	27,890	99,432	1,237	35,596
Georgia Institute of Technology	5	940,488	694,431	26,906	56,193	14,950	60,585	744	86,679
Columbia U. in the City of New York	6	904,346	53,738	26,945	694,702	21,796	99,333	156	7,676
Duke U.	7	901,807	62,529	16,235	769,574	3,027	37,887	848	11,707
U. Pennsylvania	8	873,318	57,657	13,728	727,643	3,635	53,123	1,296	16,236
Stanford U.	9	860,125	75,608	32,543	643,308	19,608	79,477	765	8,816
U. California, Los Angeles	10	848,138	55,336	44,212	622,820	31,788	72,776	448	20,758
U. North Carolina, Chapel Hill	11	827,158	26,622	13,674	659,640	1,804	42,302	2,599	80,517
U. Pittsburgh, Pittsburgh	12	814,647	58,347	12,668	696,411	1,959	33,465	399	11,398
U. California, San Francisco	13	780,318	49,573	1,575	713,951	258	9,500	63	5,398
U. Maryland <sup>c</sup>	14	750,447	130,164	26,309	355,651	73,862	59,499	27,187	77,775
U. Wisconsin-Madison	15	740,854	42,075	78,676	423,835	13,728	109,834	30,025	42,681
Yale U.	16	689,270	33,555	11,409	599,703	2,572	34,189	990	6,852
Washington U., Saint Louis	17	681,353	24,820	7,135	617,453	9,549	20,371	524	1,501
Pennsylvania State U., University Park and Hershey Medical Center	18	681,159	274,204	45,400	169,289	18,875	75,302	35,157	62,932
New York U.	19	668,381	19,381	5,322	583,692	1,572	43,497	840	14,077
Vanderbilt U. and Vanderbilt U. Medical Center	20	666,282	37,196	10,858	570,513	3,032	27,889	880	15,914
U. Minnesota, Twin Cities	21	652,384	36,190	24,107	453,718	8,267	72,227	41,976	15,899
Ohio State U.	22	636,902	45,916	29,057	383,114	9,173	61,621	43,453	64,568
Cornell U.	23	636,481	49,918	24,801	389,731	8,604	107,958	41,219	14,250
Harvard U.	24	628,683	57,929	20,978	472,585	9,545	49,923	387	17,336
Northwestern U.	25	618,771	50,435	30,065	467,367	3,872	57,278	411	9,343
Icahn School of Medicine at Mount Sinai	26	610,646	21,977	0	585,539	396	1,299	85	1,350
U. Southern California	27	601,747	122,075	10,556	397,767	3,539	46,412	77	21,321
Emory U.	28	568,149	12,007	3,772	532,883	970	13,359	691	4,467
U. Texas, Austin	29	536,296	211,424	54,041	119,022	17,385	110,937	403	23,084
Massachusetts Institute of Technology	30	531,056	135,575	82,270	148,759	40,331	106,311	0	17,810
U. Colorado Boulder	31	507,892	38,946	31,077	63,352	166,203	106,602	2,075	99,637
Texas A&M U., College Station and Health Science Center	32	505,355	52,870	50,115	133,931	10,168	137,220	46,205	74,846
U. California, Berkeley	33	468,542	48,175	45,902	166,783	74,073	100,084	3,904	29,621
U. California, Davis	34	468,468	27,617	19,800	290,032	7,974	43,464	50,132	29,449

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Florida	35	467,739	47,390	17,469	249,511	11,394	58,242	45,735	37,998
U. Chicago	36	456,806	26,106	16,632	324,202	8,437	74,035	426	6,968
U. Colorado Anschutz Medical Campus <sup>d</sup>	37	429,949	18,448	0	395,404	0	4,081	25	11,991
U. Alabama, Birmingham	38	421,223	24,013	2,484	380,585	2,244	6,387	104	5,406
U. Illinois, Urbana-Champaign	39	420,953	62,791	90,166	83,915	10,846	117,743	24,588	30,904
Baylor C. of Medicine	40	420,054	19,239	0	358,696	16,360	4,400	15,671	5,688
Boston U.	41	413,102	20,741	6,972	329,129	10,452	35,437	310	10,061
Michigan State U.	42	381,504	16,019	127,822	104,978	3,930	63,157	33,485	32,113
Case Western Reserve U.	43	380,423	17,244	7,513	340,332	3,629	10,859	406	440
U. Arizona	44	374,936	34,437	10,616	187,114	60,760	51,132	15,395	15,482
U. Utah	45	367,040	26,133	42,094	245,834	4,027	43,706	760	4,486
Indiana U., Bloomington	46	360,300	21,934	6,152	276,691	1,293	39,770	627	13,833
Purdue U., West Lafayette	47	352,890	70,926	33,847	78,444	13,223	87,682	27,335	41,433
Rutgers, State U. New Jersey, New Brunswick	48	351,660	16,363	10,666	231,018	3,060	42,275	23,800	24,478
U. Cincinnati	49	350,392	13,541	3,287	310,961	707	13,046	56	8,794
Oregon Health and Science U.	50	346,724	10,755	32	333,732	128	1,082	0	995
U. Rochester	51	334,503	12,329	91,685	207,285	1,825	20,026	20	1,333
U. Virginia, Charlottesville	52	332,993	36,141	14,154	212,368	4,419	40,851	1,190	23,870
California Institute of Technology	53	326,401	28,973	23,564	89,631	83,886	94,888	0	5,459
Colorado State U., Fort Collins	54	316,727	100,464	20,904	57,818	10,455	33,534	44,464	49,088
U. Iowa	55	314,346	16,617	3,726	223,247	42,072	12,113	963	15,608
Arizona State U.	56	309,094	43,855	22,087	79,143	49,398	77,812	3,195	33,604
U. Texas Southwestern Medical Center	57	298,154	10,629	404	282,769	1,494	1,722	194	942
U. California, Irvine	58	291,393	19,376	19,058	185,563	5,167	49,528	395	12,306
Utah State U.	59	280,866	131,862	4,455	11,276	40,850	15,007	10,736	66,680
U. Miami	60	265,212	26,703	1,284	189,650	3,246	9,985	241	34,103
Carnegie Mellon U.	61	259,160	111,193	16,658	42,840	7,239	69,614	1,259	10,357
U. Massachusetts, Medical School	62	258,147	6,900	396	247,901	0	1,286	151	1,513
U. Kentucky	63	253,852	11,889	13,364	180,292	2,553	19,130	14,045	12,579
U. Illinois, Chicago	64	251,328	12,378	10,314	192,025	500	23,792	121	12,198
North Carolina State U.	65	250,582	32,063	28,484	51,694	2,512	56,206	51,000	28,623
Scripps Research Institute	66	242,135	2,784	124	234,754	806	3,172	0	495
Virginia Polytechnic Institute and State U.	67	240,305	56,414	21,423	48,876	5,171	51,087	22,949	34,385
U. New Mexico	68	232,774	22,576	13,826	156,055	3,851	28,587	1,694	6,185
U. Connecticut	69	230,752	22,079	6,786	125,263	2,243	42,254	8,702	23,425

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Texas M. D. Anderson Cancer Center	70	225,659	12,224	0	211,709	485	918	42	281
Albert Einstein C. of Medicine	71	220,780	5,969	0	214,688	0	0	38	85
U. Georgia	72	220,343	6,816	14,581	95,248	1,413	39,153	44,862	18,270
Princeton U.	73	218,390	29,379	30,766	58,925	15,677	70,247	1,385	12,011
SUNY, U. Buffalo	74	218,231	47,799	8,111	122,689	1,344	26,828	386	11,074
Brown U.	75	215,067	19,511	6,583	149,308	4,764	28,913	110	5,878
Woods Hole Oceanographic Institution	76	211,550	44,908 i	1,661 i	1,682 i	8,406 i	130,016 i	13 i	24,864 i
U. Oklahoma, Norman and Health Science Center	77	210,994	14,075	7,212	85,136	37,076	19,652	814	47,029
U. South Florida <sup>e</sup>	78	206,552	12,998	2,056	126,254	2,354	15,319	210	47,361
U. Dayton	79	203,206	192,587	1,209	969	546	1,190	8	6,697
U. Kansas	80	200,117	7,049	4,572	131,767	2,955	25,253	648	27,873
U. Delaware	81	194,775	25,879	17,218	54,711	5,475	39,581	5,134	46,777
Uniformed Services U. of the Health Sciences	82	194,187	182,363	30	11,523	0	0	115	156
Oregon State U.	83	192,621	19,049	17,862	28,146	6,492	52,117	38,302	30,653
Washington State U.	84	187,580	8,251	22,296	62,684	1,454	16,555	52,115	24,225
Iowa State U.	85	187,156	11,228	35,457	28,573	3,972	33,906	52,471	21,549
U. Texas Health Science Center, Houston	86	184,205	9,674	0	167,117	535	1,532	2,692	2,655
SUNY, Stony Brook U.	87	184,154	13,272	23,900	92,030	4,578	41,201	40	9,133
U. Missouri, Columbia	88	182,432	12,797	6,915	89,116	951	16,283	27,061	29,309
Wake Forest U.	89	180,754	9,627	457	164,717	888	3,013	157	1,895
Thomas Jefferson U.	90	173,861	5,109	176	168,466	85	17	0	8
U. Hawaii, Manoa	91	169,762	35,803	5,571	49,056	11,011	30,193	11,265	26,863
Virginia Commonwealth U.	92	166,726	11,785	1,991	125,345	840	7,331	1,377	18,057
Florida State U.	93	163,744	21,806	11,990	41,010	3,160	58,432	782	26,564
Medical U. South Carolina	94	163,395	1,162	0	154,901	0	409	0	6,923
George Washington U.	95	161,867	11,839	2,967	118,969	2,367	13,198	85	12,442
U. California, Santa Barbara	96	161,241	42,985	26,239	23,064	6,825	54,025	503	7,600
Dartmouth C. and Dartmouth Hitchcock Medical Center	97	155,445	10,250	4,298	112,729	5,554	20,306	333	1,975
U. Alaska, Fairbanks	98	154,742	44,132	10,597	7,917	22,954	44,315	2,654	22,173
Medical C. Wisconsin	99	152,301	5,874	0	142,490	596	215	47	3,079
Northeastern U.	100	150,093	30,725	3,942	50,592	1,175	52,153	209	11,297
Tufts U.	101	150,081	12,255	4,042	83,882	702	13,418	16,090	19,692
U. Tennessee, Knoxville	102	149,260	27,848	55,570	12,103	4,277	22,317	17,554	9,591
Temple U.	103	143,580	9,238	3,360	113,603	636	11,239	378	5,126
Mississippi State U.	104	138,207	33,169	7,798	10,644	1,873	10,093	37,885	36,745

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## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Alabama, Huntsville	105	132,060	80,980	869	283	33,436	7,672	267	8,553
U. New Hampshire	106	129,721	5,544	3,998	23,788	49,867	16,783	8,113	21,628
Florida International U.	107	129,683	24,093	8,389	44,561	1,948	23,519	738	26,435
U. Massachusetts, Amherst	108	129,044	18,086	7,195	42,807	3,520	36,895	7,395	13,146
Tulane U.	109	127,544	3,902	1,639	106,598	332	6,497	462	8,114
Georgetown U.	110	127,213	9,173	1,278	95,785	2,802	5,690	0	12,485
Wayne State U.	111	126,814	8,457	2,396	102,915	291	8,801	370	3,584
U. Notre Dame	112	124,411	34,222	15,024	29,289	1,667	32,276	976	10,957
U. Texas Medical Branch	113	123,467	4,274	0	116,827	1,125	775	199	267
Clemson U.	114	119,512	11,729	8,174	16,596	1,886	21,701	9,177	50,249
George Mason U.	115	119,406	59,544	1,151	17,418	8,244	15,240	252	17,557
U. Texas Health Science Center, San Antonio	116	119,071	6,283	0	108,578	176	621	0	3,413
Montana State U., Bozeman	117	118,974	38,791	5,226	23,459	7,810	13,996	16,181	13,511
U. Louisville	118	117,363	12,225	2,052	91,269	998	7,884	516	2,419
U. Vermont	119	117,163	4,170	600	79,120	1,497	10,399	16,786	4,591
U. Nebraska, Medical Center	120	114,754	8,289	0	102,014	47	860	209	3,335
U. California, Riverside	121	114,257	9,863	6,814	43,248	2,589	28,973	17,001	5,769
U. Nebraska, Lincoln	122	113,248	6,153	10,515	26,614	553	30,032	24,104	15,277
Louisiana State U., Baton Rouge	123	111,886	17,384	5,321	44,154	4,307	16,481	10,699	13,540
U. Central Florida	124	110,131	33,878	9,311	19,761	8,863	25,742	443	12,133
U. California, Santa Cruz	125	107,082	9,210	5,545	54,726	6,264	17,315	1,635	12,387
U. South Carolina, Columbia	126	106,752	9,775	9,296	58,509	4,119	15,959	717	8,377
Rice U.	127	105,345	23,480	8,841	27,122	4,431	36,776	359	4,336
Auburn U., Auburn	128	104,883	21,851	6,337	16,606	6,286	13,750	20,881	19,172
Drexel U.	129	99,399	12,246	2,861	60,693	561	15,944	391	6,703
West Virginia U.	130	97,327	4,464	13,893	43,922	4,085	12,121	10,093	8,749
U. Oregon	131	97,238	3,577	6,770	54,309	990	17,940	810	12,842
U. Arkansas for Medical Sciences	132	95,080	2,650	71	89,958	145	332	581	1,343
Rockefeller U.	133	94,693	2,287	0	90,882	64	1,370	0	90
Wichita State U.	134	93,367	68,495	485	2,077	2,752	1,994	32	17,532
U. Rhode Island	135	93,190	9,281	1,322	21,890	736	19,687	7,212	33,062
U. Houston	136	84,295	5,695	7,435	41,043	3,277	19,494	295	7,056
U. Mississippi	137	84,270	7,174	856	61,984	718	3,856	5,717	3,965
U. Maine	138	84,072	26,804	12,470	2,334	1,974	14,226	15,852	10,412
U. Nevada, Reno	139	83,631	8,127	7,660	30,941	1,863	16,817	6,167	12,056
Kansas State U.	140	81,820	3,252	8,972	15,008	909	17,249	26,145	10,285

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Georgia State U.	141	81,641	1,792	785	54,374	1,184	10,967	502	12,037
Rush U.	142	79,647	260	0	79,068	70	11	0	238
U. Louisiana, Lafayette	143	77,110	3,084	2,361	32,725	1,041	5,882	2,279	29,738
U. Montana, Missoula	144	73,507	5,598	1,092	37,649	2,050	11,717	5,310	10,091
New Mexico Institute of Mining and Technology	145	72,594	25,843	11,177	1,052	703	8,149	97	25,573
New Mexico State U.	146	71,718	22,026	7,496	9,614	4,873	12,557	9,730	5,422
New Jersey Institute of Technology	147	71,326	10,556	1,392	10,077	3,917	11,482	311	33,591
U. Wyoming	148	68,772	1,907	15,555	15,983	1,437	20,019	6,701	7,170
U. Alabama, Tuscaloosa	149	67,986	11,677	5,613	14,699	1,619	18,453	981	14,944
Colorado School of Mines	150	66,200	11,603	24,478	3,060	3,060	15,207	638	8,154
U. Maryland, Baltimore County	151	65,368	4,748	1,956	15,597	27,592	11,427	784	3,264
Augusta U.	152	64,609	1,860	0	61,395	169	266	0	919
U. Arkansas, Fayetteville	153	64,252	8,085	6,254	10,505	1,291	17,662	14,355	6,100
U. North Dakota	154	62,737	2,523	28,294	19,368	2,507	3,911	1,919	4,215
U. Massachusetts, Lowell	155	62,195	23,720	4,470	18,400	2,414	7,699	354	5,138
U. Texas, Dallas	156	60,706	11,635	3,812	27,924	2,055	14,536	121	623
U. Texas, El Paso	157	60,387	12,604	4,206	18,064	3,569	14,445	274	7,225
U. Tennessee, Health Science Center	158	60,221	3,162	0	55,803	0	150	0	1,106
Cold Spring Harbor Laboratory	159	59,163	1,486	1,143	50,973	0	3,740	1,786	35
U. Idaho	160	56,160	945	5,004	10,548	3,258	13,493	17,483	5,429
U. Texas, Arlington	161	56,025	12,573	2,931	11,601	2,188	12,699	721	13,312
U. Texas, San Antonio	162	54,384	7,398	11,164	17,482	2,568	8,444	234	7,094
Oklahoma State U., Stillwater	163	53,885	5,213	6,002	9,918	2,981	12,305	11,972	5,494
Cleveland State U.	164	53,395	3,686	289	46,611	210	1,608	14	977
SUNY, U. Albany	165	51,492	1,228	1,300	37,732	449	6,876	384	3,523
Rensselaer Polytechnic Institute	166	50,605	12,091	10,768	11,168	2,569	11,939	0	2,070
San Diego State U.	167	50,540	4,743	1,180	31,223	1,126	9,123	336	2,809
Michigan Technological U.	168	48,766	20,345	6,477	3,848	5,115	8,279	1,556	3,146
U. Southern Mississippi	169	48,368	13,469	496	5,561	2,327	4,094	1,360	21,061
North Dakota State U.	170	45,343	5,102	737	9,492	115	8,822	14,183	6,892
Texas Tech U.	171	45,136	7,422	8,193	6,446	2,218	9,951	4,334	6,572
Naval Postgraduate School	172	44,852	42,875	737	0	528	712	0	0
Brandeis U.	173	44,205	755	1,214	35,479	163	6,030	0	564
Northern Arizona U.	174	43,453	7,687	2,146	12,399	4,351	9,016	4,501	3,353
Saint Louis U.	175	42,170	1,708	216	36,317	251	2,652	64	962
Florida A&M U.	176	41,943	915	2,652	6,195	384	4,439	9,476	17,882

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Stevens Institute of Technology	177	41,836	28,280	1,775	2,732	722	6,403	69	1,855
Texas State U.	178	38,936	4,281	266	5,165	4,480	5,296	982	18,466
CUNY, City C.	179	38,596	2,370	2,092	13,040	2,559	10,832	19	7,684
Howard U.	180	37,331	2,972	256	26,170	251	6,299	0	1,383
U. Toledo	181	36,694	6,713	6,116	14,423	4,013	2,562	1,263	1,604
Boston C.	182	36,560	6,683	940	15,584	734	7,788	40	4,791
Lehigh U.	183	36,535	3,504	5,730	10,051	157	13,029	10	4,054
U.S. Air Force Academy	184	35,826	35,311	450	0	37	28	0	0
U. Puerto Rico, Medical Sciences Campus	185	35,050	437	0	31,698	264	1,326	30	1,295
Worcester Polytechnic Institute	186	34,004	9,100	3,184	4,566	598	11,976	318	4,262
Syracuse U.	187	33,976	2,827	2,571	13,166	176	10,467	860	3,909
William & Mary	188	33,730	2,376	2,419	1,420	222	7,968	201	19,124
Rochester Institute of Technology	189	33,373	8,788	1,921	4,984	2,836	10,243	240	4,361
Louisiana State U., Health Sciences Center, New Orleans	190	33,087	562	0	31,854	88	153	0	430
Mercer U.	191	32,504	30,267	0	2,175	25	37	0	0
Air Force Institute of Technology	192	32,479	29,403	207	0	18	65	0	2,786
SUNY, Polytechnic Institute	193	32,396	26,605	1,640	1,329	126	2,588	0	108
Boise State U.	194	32,015	4,362	3,775	6,121	1,810	11,680	1,207	3,060
Brigham Young U., Provo	195	31,636	4,401	4,777	7,088	2,096	9,814	761	2,699
Morehouse School of Medicine	196	31,339	153	0	30,358	0	752	0	76
U. Missouri, Kansas City	197	31,134	7,934	222	14,937	160	1,562	102	6,217
San Jose State U.	198	30,984	1,139	779	2,051	17,474	3,763	103	5,675
Portland State U.	199	30,922	1,971	1,262	11,223	783	7,098	749	7,836
U. North Carolina, Greensboro	200	29,822	597	39	12,098	25	4,142	922	11,999
East Carolina U.	201	29,648	2,238	734	17,064	277	5,386	178	3,771
Van Andel Research Institute	202	29,424	941	209	28,135	0	139	0	0
Indiana U.-Purdue U., Indianapolis	203	29,353	1,408	1,009	17,939	51	6,373	148	2,425
North Carolina A&T State U.	204	29,094	2,170	1,557	3,833	1,792	9,780	7,131	2,831
U. Nevada, Las Vegas	205	28,867	546	3,965	10,550	2,066	5,207	1,809	4,724
Missouri U. of Science and Technology	206	28,792	5,888	7,472	2,089	1,253	6,193	183	5,714
Florida Atlantic U.	207	28,641	6,289	700	9,579	713	4,214	2,462	4,684
Old Dominion U.	208	27,804	6,838	4,956	3,973	1,319	5,967	125	4,626
SUNY, Upstate Medical U.	209	27,737	2,427	0	24,935	0	54	42	279
Loyola U., Chicago	210	26,972	771	0	21,888	57	3,028	66	1,162
U. North Carolina, Charlotte	211	26,871	2,607	3,330	6,425	253	10,666	103	3,487
Catholic U. of America	212	26,285	366	4,180	1,720	18,342	1,428	0	249

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2022**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Denver	213	26,040	354	52	17,558	150	3,284	0	4,642
Illinois Institute of Technology	214	25,963	816	5,496	12,566	386	5,027	778	894
SUNY, Downstate Health Sciences U.	215	25,081	1,149	0	23,465	0	405	0	62
SUNY, Binghamton U.	216	24,888	4,211	1,253	10,105	1	7,911	0	1,407
U. Memphis	217	24,686	2,975	397	10,562	212	5,025	189	5,326
Morgan State U.	218	24,670	3,376	564	7,400	5,622	4,075	189	3,444
Delaware State U.	219	24,361	2,236	70	7,051	565	3,443	3,919	7,077
U. Wisconsin-Milwaukee	220	24,036	513	2,009	9,430	265	9,215	358	2,246
U. Nebraska, central administration	221	23,872	19,432	174	273	0	3,642	0	351
Embry-Riddle Aeronautical U.	222	23,863	3,878	0	212	1,552	3,016	79	15,126
U. South Alabama	223	23,762	1,933	1,036	12,440	221	4,213	741	3,178
U. California, Merced	224	23,421	1,712	2,559	5,622	860	9,044	1,935	1,689
U. Massachusetts, Boston	225	23,131	625	25	9,983	600	5,160	18	6,720
U. North Texas, Denton	226	23,056	6,553	3,097	3,898	511	6,593	417	1,987
South Dakota State U.	227	22,991	1,293	460	4,562	735	3,367	9,268	3,306
CUNY, Hunter C.	228	21,142	801	833	17,604	165	1,488	0	251
Ohio U.	229	20,587	1,268	4,255	6,917	471	2,983	247	4,446
Wright State U.	230	20,529	11,960	169	6,919	214	637	75	555
U.S. Military Academy	231	19,708	19,072	25	330	0	14	0	267
U. of the Virgin Islands	232	19,127	150	0	1,523	938	8,640	4,090	3,786
Rowan U.	233	18,613	5,845	6	8,202	164	3,520	101	775
U. Texas Rio Grande Valley	234	18,317	2,199	903	7,789	17	4,780	1,624	1,005
Southern Methodist U.	235	17,680	3,541	1,431	3,473	662	6,419	5	2,149
Eastern Virginia Medical School	236	17,616	279	0	9,022	827	16	0	7,472
Desert Research Institute	237	17,341	4,027	5,524	761	1,321	2,069	958	2,681
U. Nebraska, Omaha	238	17,301	2,400	0	5,659	545	2,647	0	6,050
U. West Florida	239	17,114	4,146	153	858	0	1,035	0	10,922
U. Guam	240	17,066	2,584	0	2,901	303	5,107	3,434	2,737
U. Puerto Rico, Rio Piedras	241	16,905	294	121	3,935	1,775	9,590	714	476
Marshall U.	242	16,369	2,666	160	11,223	116	778	0	1,426
U. Puerto Rico, Mayaguez	243	16,223	987	983	950	237	3,991	351	8,724
Kent State U.	244	16,195	850	1,095	7,962	156	5,055	5	1,072
Rutgers, State U. New Jersey, Newark	245	16,099	2,208	455	8,180	0	5,008	49	199
Baylor U.	246	15,856	1,794	1,484	5,786	185	3,802	2,063	742
California State U., Northridge	247	15,546	1,302	246	7,395	1,229	4,631	31	712
Louisiana State U., Health Sciences Center, Shreveport	248	15,503	20	0	15,135	348	0	0	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Marquette U.	249	15,316	1,068	1,901	7,480	122	4,047	190	508
San Francisco State U.	250	15,276	593	97	7,852	235	5,001	51	1,447
U. Alaska, Anchorage	251	15,249	1,468	112	4,253	351	3,018	127	5,920
Texas A&M U.-Corpus Christi	252	15,229	673	83	1,185	214	2,959	133	9,982
U. Maryland Center for Environmental Science	253	15,109	194	608	36	769	3,422	436	9,644
South Dakota School of Mines and Technology	254	15,100	3,369	1,845	362	966	7,732	288	538
California Polytechnic State U., San Luis Obispo	255	15,084	4,195	471	1,153	334	4,371	1,645	2,915
Meharry Medical C.	256	15,048	191	0	14,611	0	186	0	60
Jackson State U.	257	15,045	1,568	204	4,860	86	5,898	0	2,429
Tuskegee U.	258	14,911	2,188	0	3,203	80	3,313	4,193	1,934
CUNY, Queens C.	259	14,756	108	8,749	3,377	0	2,498	24	0
American U.	260	14,752	586	50	1,654	2,621	3,617	304	5,920
Texas Tech U., Health Sciences Center	261	14,620	488	0	13,608	0	423	101	0
U. Texas Health Science Center, Tyler	262	14,362	183	201	13,978	0	0	0	0
North Carolina Central U.	263	13,709	1,188	1,116	7,334	1	2,856	138	1,076
U. South Dakota	264	13,702	301	279	9,291	41	3,152	0	638
Southern Illinois U., Carbondale	265	13,582	923	228	6,131	125	1,655	1,095	3,425
Albany Medical C.	266	13,384	400	0	12,984	0	0	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	267	12,895	650	2,596	2,430	432	4,331	0	2,456
U. Colorado Denver <sup>d</sup>	268	12,668	610	210	5,461	267	3,900	55	2,165
CUNY, Advanced Science Research Center	269	12,580	5,729	239	3,557	132	2,560	259	104
U. Hawaii, system office	270	12,511	11,932	0	0	64	0	0	515
Creighton U.	271	12,022	1,171	290	9,278	151	792	42	298
CUNY, Graduate School of Public Health and Health Policy	272	11,880	0	0	10,647	0	226	0	1,007
California State U., Long Beach	273	11,739	1,059	123	6,369	34	2,200	374	1,580
Xavier U. Louisiana	274	11,733	465	0	9,707	559	990	0	12
Prairie View A&M U.	275	11,665	1,745	1,313	5	717	1,981	5,610	294
Hampton U.	276	11,274	1,448	832	1,557	4,035	3,402	0	0
U. Massachusetts, Dartmouth	277	11,162	4,058	12	771	75	2,726	3	3,517
Chapman U.	278	11,098	1,562	0	6,762	245	981	772	776
U. Akron	279	11,036	1,554	1,061	1,722	1,235	4,580	1	883
Florida Institute of Technology	280	10,970	3,709	349	773	1,597	1,260	333	2,949
Tennessee State U.	281	10,859	346	661	1,033	38	1,099	7,328	354
Charles R. Drew U. of Medicine and Science	282	10,656	731	0	9,925	0	0	0	0
Miami U.	283	10,277	873	280	4,147	235	3,372	118	1,252



TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Teachers C., Columbia U.	284	10,177	0	0	401	0	3,587	0	6,189
U.S. Naval Academy	285	10,147	9,152	305	0	72	618	0	0
Missouri State U.	286	10,084	8,287	72	120	109	507	386	603
U. of the District of Columbia	287	9,859	599	845	174	2,057	4,111	1,978	95
Northern Illinois U.	288	9,840	141	3,075	1,613	124	3,106	18	1,763
Central Michigan U.	289	9,773	44	1,651	3,482	38	1,823	2	2,733
East Tennessee State U.	290	9,715	239	0	8,690	17	378	74	317
Oakland U.	291	9,533	916	131	4,880	36	3,400	0	170
Northeast Ohio Medical U.	292	9,400	188	0	8,847	0	256	0	109
Alcorn State U.	293	9,361	71	48	287	1	129	8,824	1
Nova Southeastern U.	294	9,314	3,657	0	2,856	0	138	9	2,654
Alabama A&M U.	295	9,221	1,408	564	4,916	134	1,098	352	749
Loma Linda U.	296	9,134	1	25	7,726	1,359	0	0	23
Idaho State U.	297	9,080	48	3,304	1,662	249	3,438	56	323
New York Medical C.	298	9,070	0	314	8,756	0	0	0	0
U. Maryland, Eastern Shore	299	9,062	385	214	323	0	956	4,266	2,918
California State U., East Bay	300	8,997	0	341	144	24	1,880	594	6,014
Lincoln U., Jefferson City	301	8,988	0	0	0	0	265	8,723	0
Winston-Salem State U.	302	8,903	0	0	5,008	100	1,247	0	2,548
Clarkson U.	303	8,834	1,660	288	584	148	3,876	90	2,188
Illinois State U.	304	8,673	41	1,449	1,932	0	2,191	228	2,832
California State U., Los Angeles	305	8,605	292	102	2,636	356	4,479	54	686
U. New Orleans	306	8,270	1,152	49	87	163	947	0	5,872
Texas A&M U.-Kingsville	307	8,225	448	40	1,436	181	1,516	2,701	1,903
Tennessee Technological U.	308	8,156	301	1,319	301	164	2,884	773	2,414
California State U., San Marcos	309	7,986	1,441	0	2,063	370	2,150	22	1,940
Bowling Green State U.	310	7,918	124	488	2,218	75	2,867	237	1,909
SUNY, C. of Environmental Science and Forestry	311	7,766	415	6	176	243	1,288	1,957	3,681
U. North Florida	312	7,758	169	66	2,909	80	936	54	3,544
Texas Southern U.	313	7,550	0	0	3,443	0	1,247	0	2,860
Rosalind Franklin U. of Medicine and Science	314	7,292	431	0	6,649	0	0	0	212
Fort Valley State U.	315	7,265	0	0	80	0	641	6,131	413
U. North Carolina, Wilmington	316	7,178	393	7	648	130	2,159	0	3,841
Western U. of Health Sciences	317	7,131	2,553	0	4,153	0	14	411	0
Virginia State U.	318	7,115	1,043	169	73	157	1,735	3,811	127
California State U., San Bernardino	319	6,693	94	0	772	99	3,345	1	2,382

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Arkansas, Little Rock	320	6,675	2,761	157	727	1,336	936	143	615
California State U., Sacramento	321	6,646	0	0	198	0	1,353	400	4,695
Florida Gulf Coast U.	322	6,482	15	0	2,290	64	800	5	3,308
Villanova U.	323	6,476	867	23	1,259	737	3,049	0	541
Western Washington U.	324	6,347	0	121	408	587	4,583	18	630
Duquesne U.	325	6,309	1,042	0	2,832	0	817	0	1,618
California State U., Fullerton	326	6,136	880	19	2,054	0	2,424	143	616
U. Minnesota, Duluth	327	6,122	51	344	270	4	2,292	324	2,837
California State U., Fresno	328	5,928	340	44	1,255	191	2,887	757	454
Clark Atlanta U.	329	5,895	777	81	2,681	91	2,069	196	0
U. Tulsa	330	5,893	1,659	841	323	142	1,875	145	908
CUNY, John Jay C. of Criminal Justice	331	5,777	22	0	2,201	0	819	0	2,735
Louisiana Tech U.	332	5,734	1,498	36	784	276	2,152	441	547
Texas Christian U.	333	5,670	137	258	4,579	39	436	0	221
Morehouse C.	334	5,664	0	631	1,197	0	3,170	58	608
Montana Technological U.	335	5,600	3,091	208	417	231	655	134	864
Central State U.	336	5,576	668	0	261	23	481	4,103	40
Naval War C.	337	5,529	5,529	0	0	0	0	0	0
U.S. Army War C.	338	5,496	1,399	0	477	0	151	1,755	1,714
California State Polytechnic U., Pomona	339	5,407	299	83	493	239	2,714	474	1,105
Rhode Island C.	340	5,372	85	135	2,720	0	110	0	2,322
U. Colorado Colorado Springs	341	5,345	1,510	142	549	3	3,082	0	59
Ball State U.	342	5,302	0	0	3,560	20	610	164	948
U. Hawaii, Hilo	343	5,292	262	47	806	92	600	392	3,093
Wesleyan U.	344	5,267	626	0	1,700	508	1,885	0	548
U. Tennessee, Chattanooga	345	5,214	1,149	762	128	0	2,674	22	479
Montclair State U.	346	5,189	0	0	1,469	153	2,886	5	676
Tarleton State U.	347	5,055	0	0	0	0	387	4,523	145
California State U., Monterey Bay	348	5,051	119	0	345	1,656	2,163	342	426
Sam Houston State U.	349	4,936	137	0	913	0	850	658	2,378
Fordham U.	350	4,856	356	65	2,651	0	836	44	904
U. Baltimore	351	4,853	0	36	0	10	201	0	4,606
Kentucky State U.	352	4,743	0	0	0	4	124	4,615	0
U. Detroit Mercy	353	4,663	387	0	4,164	0	112	0	0
MGH Institute of Health Professions	354	4,628	0	0	4,628	0	0	0	0
CUNY, Brooklyn C.	355	4,623	0	23	3,333	0	1,151	78	38

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Missouri, Saint Louis	356	4,573	96	0	2,983	21	924	136	413
U. Washington, Tacoma	357	4,553	273	29	471	118	1,394	24	2,244
C. Charleston	358	4,485	0	0	409	2,136	1,004	157	779
Middle Tennessee State U.	359	4,347	163	49	423	169	1,409	1,230	904
Northwest Indian C.	360	4,298	0	0	849	227	881	120	2,221
West Virginia State U.	361	4,278	0	0	0	14	85	3,827	352
South Carolina State U.	362	4,270	0	845	1,321	78	1,770	139	117
Southern U. and A&M C., Agricultural Research and Extension Center	363	4,261	0	0	140	0	0	4,121	0
Western Illinois U.	364	4,032	1,983	153	154	0	37	1,650	55
U. Washington, Bothell	365	4,009	473	0	440	0	2,856	45	195
Dakota State U.	366	3,976	2,434	0	0	0	1,542	0	0
Arkansas State U., Jonesboro	367	3,932	0	113	590	9	1,632	863	725
National Defense U.	368	3,920	3,920	0	0	0	0	0	0
Barnard C.	369	3,758	0	425	1,123	70	2,140	0	0
DePaul U.	370	3,757	0	20	1,830	75	1,688	0	144
Citadel Military C. South Carolina	371	3,741	2,507	0	80	72	718	0	364
Salisbury U.	372	3,734	0	0	989	0	591	109	2,045
Chicago State U.	373	3,699	0	0	59	210	3,430	0	0
Hope C.	374	3,691	0	25	1,908	140	1,370	0	248
U. New England	375	3,660	0	107	3,296	0	176	4	77
CUNY, Lehman C.	376	3,652	69	139	1,725	231	1,483	2	3
U. Wisconsin-Superior	377	3,635	0	0	0	1	28	0	3,606
Langston U.	378	3,616	600	0	269	175	60	2,495	17
Southern U. and A&M C., Baton Rouge	379	3,595	255	172	432	163	2,492	5	76
Youngstown State U.	380	3,533	2,301	24	393	69	611	0	135
Fisk U.	381	3,486	533	19	329	50	2,199	0	356
Norfolk State U.	382	3,398	809	57	85	0	2,413	0	34
Oklahoma State U., Center for Health Sciences	383	3,366	85	0	2,759	0	24	94	404
Bowie State U.	384	3,351	319	177	1,143	525	845	103	239
Rutgers, State U. New Jersey, Camden	385	3,349	129	184	824	0	1,123	0	1,089
U. Arkansas, Pine Bluff	386	3,306	131	0	141	11	125	2,790	108
Kennesaw State U.	387	3,290	157	78	1,592	21	1,217	45	180
Gallaudet U.	388	3,287	0	0	2,167	20	795	0	305
Pennsylvania State U., Behrend	389	3,262	71	5	25	0	613	30	2,518
Southern Illinois U., Edwardsville	390	3,250	320	24	1,214	0	890	130	672
U. North Texas, Health Science Center	391	3,172	63	0	2,812	0	0	0	297

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Purdue U., Northwest	392	3,171	495	1,193	153	31	697	66	536
California State U., Dominguez Hills	393	3,156	592	1	887	0	1,308	0	368
Western Kentucky U.	394	3,127	35	87	1,220	159	611	536	479
New York Institute of Technology	395	2,988	384	0	1,639	0	964	1	0
Alabama State U.	396	2,930	340	0	971	213	1,349	0	57
CUNY, C. Staten Island	397	2,916	57	0	1,026	52	1,662	0	119
Wellesley C.	398	2,915	0	0	1,215	390	1,310	0	0
U. San Diego	399	2,911	1,251	0	11	9	1,154	0	486
Sonoma State U.	400	2,889	92	0	7	1,499	1,061	0	230
James Madison U.	401	2,884	56	12	650	89	1,960	17	100
Amherst C.	402	2,862	0	0	602	131	2,113	16	0
Towson U.	403	2,844	1,090	0	241	29	1,053	177	254
Loyola Marymount U.	404	2,824	113	0	748	0	727	8	1,228
U. Central del Caribe	405	2,807	0	0	2,807	0	0	0	0
Haverford C.	406	2,722	1,298	0	363	261	800	0	0
Pacific U.	407	2,672	0	0	1,434	0	883	0	355
Hawaii Pacific U.	408	2,667	0	0	1,372	0	420	222	653
California State U., Bakersfield	409	2,665	0	0	0	0	661	118	1,886
Santa Clara U.	410	2,660	299	15	606	186	1,250	0	304
Long Island U.	411	2,652	0	0	1,826	0	530	256	40
Occidental C.	412	2,622	0	0	138	53	1,908	98	425
Georgia Southern U.	413	2,605	90	194	720	26	1,028	0	547
U. North Carolina, Asheville	414	2,600	0	0	1,398	34	378	196	594
Northern Kentucky U.	415	2,596	0	0	1,285	100	428	5	778
Fort Lewis C.	416	2,590	0	6	573	51	1,377	150	433
Appalachian State U.	417	2,567	151	2	258	31	1,604	173	348
Winthrop U.	418	2,542	0	0	326	0	394	0	1,822
Bucknell U.	419	2,539	46	3	638	181	1,540	6	125
Spelman C.	419	2,539	731	16	347	23	1,308	0	114
U. Michigan, Dearborn	421	2,537	53	347	641	0	1,190	0	306
CUNY, Graduate Center	422	2,535	0	0	344	0	1,865	0	326
Pace U.	423	2,534	70	529	263	0	1,672	0	0
U. of Health Sciences and Pharmacy in St. Louis	424	2,523	281	0	2,242	0	0	0	0
Saint Joseph's U.	425	2,520	165	0	1,211	0	826	0	318
Clark U.	426	2,500	5	61	471	53	1,302	197	411
St. John's U., New York	427	2,456	54	0	1,790	0	612	0	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. New Haven	428	2,447	590	41	161	50	788	0	817
Central Washington U.	429	2,429	381	0	8	564	1,067	1	408
California State Polytechnic U., Humboldt	430	2,421	0	0	23	0	337	1,256	805
Smith C.	431	2,403	50	0	699	0	1,307	0	347
Eastern Michigan U.	432	2,346	87	0	1,148	70	815	0	226
Saginaw Valley State U.	433	2,341	325	543	855	13	267	23	315
Texas Tech U., Health Sciences Center, El Paso	434	2,339	0	0	1,681	0	78	0	580
Tougaloo C.	435	2,336	163	51	787	34	1,111	17	173
California State U., Chico	436	2,312	236	0	63	0	1,474	175	364
Troy U.	437	2,296	0	0	0	0	72	88	2,136
Middlebury C.	438	2,281	54	0	1,079	65	1,036	42	5
Northeastern Illinois U.	439	2,224	0	0	1,365	0	839	20	0
U. Southern Maine	440	2,201	0	0	2,015	72	69	0	45
Toyota Technological Institute, Chicago	441	2,199	813	0	448	0	938	0	0
Murray State U.	442	2,176	0	80	280	6	1,102	29	679
Reed C.	443	2,139	134	41	841	22	921	10	170
U. Northern Iowa	444	2,132	617	90	544	88	637	112	44
West Texas A&M U.	445	2,123	96	739	0	0	676	268	344
Hofstra U.	446	2,118	33	0	250	0	1,799	0	36
Seton Hall U.	447	2,092	522	0	463	0	200	0	907
Dine C.	448	2,091	0	0	980	0	614	329	168
Texas Woman's U.	448	2,091	239	0	435	0	590	228	599
Morehead State U.	450	2,086	0	0	90	1,799	197	0	0
SUNY, C. of Optometry	451	2,080	0	0	2,080	0	0	0	0
U. Louisiana, Monroe	452	1,993	0	0	1,616	21	1	69	286
C. New Jersey	453	1,984	0	48	222	111	1,216	242	145
Harvey Mudd C.	454	1,956	116	0	31	0	1,801	0	8
St. Edward's U.	455	1,940	0	0	230	26	940	50	694
Carleton C.	456	1,914	0	0	208	28	1,618	0	60
Pennsylvania State U., Harrisburg	457	1,911	9	0	1,817	0	66	0	19
U. Nebraska, Kearney	458	1,900	0	0	1,168	22	533	0	177
William Paterson U.	459	1,896	0	0	621	0	174	0	1,101
CUNY, Baruch C.	460	1,894	24	298	658	7	869	0	38
Savannah State U.	461	1,881	378	216	617	0	254	0	416
U. Central Oklahoma	462	1,869	486	128	575	43	331	31	275
Johnson C. Smith U.	463	1,868	0	0	4	2	60	0	1,802

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Bowdoin C.	464	1,867	0	0	732	95	911	0	129
Grand Valley State U.	465	1,819	0	0	991	64	378	18	368
U. Oklahoma, Tulsa	466	1,804	0	0	1,225	30	432	0	117
Indiana U. Pennsylvania	467	1,797	316	181	49	0	417	658	176
Bates C.	468	1,785	0	0	483	0	1,266	0	36
Texas A&M U.-Commerce	469	1,776	0	122	0	56	754	430	414
CUNY, New York City C. of Technology	470	1,769	401	0	167	2	1,199	0	0
Swarthmore C.	471	1,733	0	0	521	112	973	0	127
U. Central Arkansas	472	1,731	0	0	1,135	74	246	99	177
Western Carolina U.	473	1,727	0	0	838	9	316	157	407
Christopher Newport U.	474	1,701	78	211	62	437	721	0	192
Yeshiva U.	475	1,695	27	0	841	0	682	63	82
U. Northern Colorado	476	1,692	43	0	83	12	767	89	698
Franklin and Marshall C.	477	1,680	0	0	576	471	419	0	214
Black Hills State U.	478	1,676	0	0	1,016	0	582	0	78
Elizabeth City State U.	479	1,667	174	0	195	0	1,003	0	295
Fayetteville State U.	479	1,667	213	0	535	0	919	0	0
CUNY, York C.	481	1,659	63	557	647	42	350	0	0
California State U., Channel Islands	482	1,638	4	62	311	0	1,227	0	34
Texas A&M International U.	483	1,624	77	0	332	0	372	0	843
U. Richmond	483	1,624	0	81	137	365	843	185	13
Claremont Graduate U.	485	1,610	59	0	111	0	153	0	1,287
Midwestern U.	486	1,609	0	0	971	0	248	76	314
New England C. of Optometry	486	1,609	0	0	1,609	0	0	0	0
Des Moines U.	488	1,589	0	0	492	0	20	0	1,077
U. Texas, Tyler	489	1,585	385	0	546	0	528	9	117
Colgate U.	490	1,570	0	0	187	225	1,157	1	0
SUNY, Geneseo	491	1,564	0	507	281	78	644	50	4
Palmer C. of Chiropractic, Davenport	492	1,550	0	0	1,550	0	0	0	0
U. Texas of the Permian Basin	493	1,538	244	179	797	0	35	0	283
Mount Holyoke C.	494	1,511	0	0	393	56	910	0	152
Colby C.	495	1,466	0	0	117	19	1,096	194	40
Dillard U.	496	1,422	139	0	199	0	471	0	613
U. Ana G. Mendez, Gurabo	497	1,407	0	783	75	0	230	0	319
U. Alaska, Southeast	498	1,392	0	7	71	25	651	32	606
Colorado C.	499	1,371	0	0	0	0	868	8	495

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Davidson C.	500	1,370	6	13	581	0	763	7	0
Roger Williams U.	501	1,351	44	0	373	0	707	41	186
U. of the Pacific	501	1,351	50	0	982	29	290	0	0
Trinity U.	503	1,345	0	0	770	30	513	16	16
U. Wisconsin-Oshkosh	504	1,336	0	0	811	0	265	0	260
Lafayette C.	505	1,300	56	62	150	49	983	0	0
SUNY, Buffalo State	506	1,299	3	23	0	0	550	15	708
New Mexico Highlands U.	507	1,288	356	30	121	66	386	110	219
Williams C.	508	1,286	81	21	380	39	629	8	128
Southeastern Louisiana U.	509	1,285	0	0	547	28	328	0	382
Furman U.	510	1,280	0	0	288	38	873	81	0
Utah Valley U.	510	1,280	0	0	95	41	1,075	39	30
Colorado State U., Pueblo	512	1,278	0	0	0	0	326	0	952
Hobart and William Smith Colleges	513	1,264	0	0	6	18	718	18	504
New School	514	1,261	0	41	197	0	774	0	249
Bryn Mawr C.	515	1,257	0	0	220	0	990	0	47
U. Wisconsin-Stevens Point	516	1,235	1	2	0	0	92	251	889
Butler U.	517	1,227	0	0	348	0	879	0	0
Pomona C.	518	1,217	84	0	403	89	641	0	0
Drake U.	519	1,211	0	99	616	105	349	42	0
U. Illinois, Springfield	520	1,210	0	0	37	14	21	28	1,110
Lake Superior State U.	521	1,184	0	0	0	0	0	0	1,184
Lamar U.	522	1,180	8	46	169	0	246	17	694
Clafin U.	523	1,179	198	450	283	0	248	0	0
Nevada State C.	524	1,167	0	0	994	0	173	0	0
Pittsburg State U.	524	1,167	0	0	243	32	49	50	793
U. Puerto Rico, Humacao	526	1,160	0	0	51	186	870	0	53
Seattle U.	527	1,143	0	0	186	0	934	23	0
Virginia Military Institute	528	1,137	1,040	0	0	29	17	38	13
Coastal Carolina U.	529	1,130	120	179	212	6	301	0	312
Albany C. of Pharmacy and Health Sciences	530	1,110	0	0	1,110	0	0	0	0
Lawrence Technological U.	531	1,109	1	520	0	0	317	0	271
U. of the Incarnate Word	532	1,078	656	0	189	0	233	0	0
Claremont McKenna C.	533	1,070	304	0	159	0	603	0	4
California State U., Stanislaus	534	1,056	0	0	181	0	664	0	211
Vassar C.	535	1,052	13	0	298	0	741	0	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Trinity C., Hartford	536	1,049	0	0	781	13	255	0	0
U. Wisconsin-Green Bay	537	1,046	152 i	64 i	566 i	32 i	131 i	11 i	90 i
Abilene Christian U.	538	1,032	0	905	0	29	0	0	98
Kenyon C.	539	1,021	0	0	179	0	807	35	0
Alfred U.	540	1,008	581	233	0	16	177	0	1
La Sierra U.	541	972	0	0	0	0	0	0	972
Milwaukee School of Engineering	542	969	0	7	471	1	464	0	26
U. Wisconsin-La Crosse	543	968	22	0	103	10	203	24	606
Touro U., California	544	964	0	0	954	0	10	0	0
Macalester C.	545	943	0	0	75	29	799	16	24
Calvin U.	546	931	40	0	104	0	636	0	151
U. Houston-Downtown	547	903	37	0	98	0	139	0	629
Indiana State U.	548	894	0	104	170	38	143	0	439
U. Hartford	549	886	4	0	49	679	74	23	57
Pepperdine U.	550	883	0	0	151	0	609	0	123
Stephen F. Austin State U.	551	879	0	0	19	0	235	506	119
Austin Peay State U.	552	870	321	0	0	5	92	4	448
Skidmore C.	553	861	0	0	96	0	640	0	125
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	554	858	129	0	577	0	152	0	0
U. South Carolina, Aiken	555	857	0	136	214	0	325	10	172
Eastern Washington U.	556	855	0	217	114	0	181	0	343
West Chester U. Pennsylvania	557	854	204	0	266	33	252	18	81
Southern Connecticut State U.	558	848	0	13	365	106	240	49	75
U. Houston-Clear Lake	559	841	0	0	111	30	94	0	606
Erikson Institute	560	815	0	0	188	0	63	0	564
Franklin W. Olin C. of Engineering	561	809	16	0	56	106	540	0	91
Grambling State U.	561	809 i	55 i	0 i	0 i	0 i	428 i	0 i	326 i
CUNY, system office	563	798	0	0	0	0	798	0	0
Willamette U.	564	791	0	0	98	0	658	0	35
U. Virginia's C. Wise	565	786	0	0	108	0	621	8	49
U. Puget Sound	566	780	0	0	49	10	684	0	37
Northland C.	567	778 i	29 i	0 i	319 i	14 i	321 i	5 i	90 i
U. Puerto Rico, Cayey	568	757	0	0	670	19	68	0	0
SUNY, C. Brockport	569	751	4	0	0	70	146	5	526
Union C., Schenectady	570	750	0	0	5	29	716	0	0
Lewis and Clark C.	571	746	0	71	0	0	675	0	0



TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Northwestern State U. Louisiana	572	742	0	0	13	0	0	6	723
C. Wooster	573	737	78	0	102	0	536	14	7
U. North Georgia	574	734	480	0	0	7	247	0	0
Stockton U.	575	728	17	0	62	0	281	202	166
Augustana U.	576	724	0	0	435	59	230	0	0
Kean U.	577	715	0	0	110	0	326	0	279
Florida Polytechnic U.	578	706	19	215	122	6	291	0	53
Ithaca C.	579	703	0	0	388	28	287	0	0
U. Wisconsin-Eau Claire	580	681	0	51	298	0	330	0	2
Western New England U.	581	648	0	147	134	0	274	0	93
Keck Graduate Institute	582	643	0	0	643	0	0	0	0
Sul Ross State U.	583	623	i 98	i 31	i 159	i 23	i 124	i 104	i 84
Connecticut C.	584	620	77	0	339	0	138	0	66
East Stroudsburg U. Pennsylvania	585	598	0	0	0	0	470	62	66
SUNY, C. Plattsburgh	586	584	0	0	112	13	46	13	400
Alaska Pacific U.	587	581	0	0	0	48	326	20	187
Robert Morris U.	588	577	i 83	i 6	i 430	i 11	i 31	i 2	i 14
Minnesota State U., Mankato	589	575	91	4	25	18	214	145	78
Northern Michigan U.	590	571	0	0	34	0	178	0	359
Plymouth State U.	590	571	50	0	133	50	262	11	65
U. San Francisco	592	547	0	41	99	102	285	0	20
SUNY, Oswego	593	544	0	23	147	0	113	0	261
Monmouth U.	594	535	30	0	0	0	162	0	343
U. of St. Thomas (MN)	595	527	114	0	101	12	269	0	31
Central Connecticut State U.	596	511	0	0	43	87	29	0	352
Bentley U.	597	509	0	0	39	0	470	0	0
U. of Mary Washington	598	501	14	0	0	0	223	0	264
Edward Via C. of Osteopathic Medicine	599	482	16	0	466	0	0	0	0
West Virginia School of Osteopathic Medicine	600	468	0	0	468	0	0	0	0
Canisius C.	601	454	0	95	75	0	159	0	125
Manhattan C.	602	440	61	0	251	0	128	0	0
U. Wisconsin-Platteville	603	435	i 132	i 22	i 81	i 7	i 84	i 66	i 43
Whitman C.	604	434	5	0	0	0	429	0	0
Elon U.	605	428	48	0	235	0	145	0	0
St. Cloud State U.	606	401	9	0	1	0	288	24	79
Texas A&M U.-San Antonio	607	394	0	0	0	0	387	7	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2022

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Marshall B. Ketchum U.	608	383 i	44 i	0 i	319 i	0 i	8 i	1 i	11 i
SUNY, Cobleskill	609	379	379	0	0	0	0	0	0
U. North Carolina, general administration	610	369	369	0	0	0	0	0	0
Oregon Institute of Technology	611	340	107 i	19 i	93 i	17 i	49 i	12 i	43 i
Suffolk U.	611	340	0	0	249	18	73	0	0
Hamilton C.	613	338	0	0	0	24	310	0	4
Albion C.	614	323 i	17 i	10 i	62 i	9 i	181 i	4 i	40 i
Purdue U., Fort Wayne	615	313	0	0	112	18	135	0	48
St. Catherine U.	616	300	0	0	256	0	44	0	0
California Lutheran U.	617	298	0	0	0	0	65	0	233
Azusa Pacific U.	618	282	0	0	269	13	0	0	0
Heidelberg U.	619	262	0	0	0	0	0	172	90
Grinnell C.	620	242	0	0	0	0	242	0	0
Framingham State U.	621	232 i	35 i	18 i	94 i	4 i	48 i	3 i	30 i
Pratt Institute	622	228	0	0	0	14	153	24	37
U. Charleston	623	217	0	0	217	0	0	0	0
Kettering U.	624	213	0	0	0	0	10	0	203
California State U., Maritime Academy	625	192	0	34	0	17	123	0	18
Marymount U.	626	178	0	0	17	0	161	0	0
U. California, Office of the President	627	158	0	0	0	0	0	149	9
Eastern Connecticut State U.	628	126	0	0	0	10	103	0	13
Mercyhurst U.	629	82	0	0	0	0	24	0	58
C. of Saint Benedict	630	51 i	3 i	0 i	21 i	0 i	23 i	0 i	4 i
Babson C.	631	45	0	0	0	0	29	0	16
Philadelphia C. of Osteopathic Medicine	632	40	0	0	40	0	0	0	0
Roseman U. of Health Sciences	633	30	0	0	30	0	0	0	0

i = imputed.

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

<sup>a</sup> Includes all other agencies reported.<sup>b</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$1,983,078 thousand in federally financed R&D expenditures in FY 2022.<sup>c</sup> 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.<sup>d</sup> 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.

<sup>e</sup> 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.

**Note(s):**

Agency-specific rankings are available in table 60 through table 66. Institutions reporting zero federal expenditures 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.