

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
All institutions	-	49,143,460	7,363,495	2,218,358	27,532,379	1,768,703	5,410,561	1,302,288	3,547,676
Johns Hopkins U. <sup>b</sup>	1	2,774,643	1,459,350	11,697	722,250	368,276	36,823	1,284	174,963
U. Washington, Seattle	2	1,046,377	100,320	37,322	694,428	20,873	115,139	7,815	70,480
U. Michigan, Ann Arbor	3	891,125	78,334	42,146	608,464	27,565	97,499	1,988	35,129
Georgia Institute of Technology	4	852,319	626,448	20,533	50,559	12,063	60,036	1,402	81,278
Columbia U. in the City of New York	5	831,648	49,219	21,961	642,785	20,968	89,066	71	7,578
Stanford U.	6	811,183	76,467	28,660	599,239	18,233	79,576	444	8,564
U. California, San Diego	7	801,117	79,587	24,307	446,030	10,171	90,861	1,472	148,689
U. Pennsylvania	8	792,089	51,902	10,770	663,458	4,250	47,054	1,014	13,641
Duke U.	9	776,632	61,602	16,169	634,171	2,454	33,567	512	28,157
U. North Carolina, Chapel Hill	10	747,895	24,324	7,609	603,949	1,868	40,150	2,659	67,336
U. Pittsburgh, Pittsburgh	11	724,993	45,446	10,401	623,521	1,951	29,667	92	13,915
U. California, Los Angeles	12	721,043	50,437	38,905	529,539	26,042	59,959	400	15,761
U. Maryland <sup>c</sup>	13	713,283	116,368	22,459	345,707	70,478	54,776	23,512	79,983
U. California, San Francisco	14	683,179	37,403	764	630,137	582	9,402	0	4,891
Yale U.	15	647,656	27,839	10,818	562,251	3,577	31,835	633	10,703
U. Wisconsin-Madison	16	646,764	33,479	75,231	374,530	11,307	90,800	26,285	35,132
Pennsylvania State U., University Park and Hershey Medical Center	17	622,532	263,661	36,453	149,293	15,518	68,873	32,604	56,130
Harvard U.	18	616,589	72,042	16,476	456,919	8,549	47,086	175	15,342
Washington U., Saint Louis	19	606,127	21,588	6,708	547,520	8,814	19,938	481	1,078
Cornell U.	20	592,359	49,165	21,928	350,981	7,536	110,332	37,981	14,436
Vanderbilt U. and Vanderbilt U. Medical Center	21	586,880	34,170	11,471	497,479	2,346	25,555	879	14,980
U. Southern California	22	574,185	126,122	9,045	367,995	3,338	49,721	52	17,912
Northwestern U.	23	572,975	45,744	28,064	432,853	3,213	53,359	307	9,435
U. Minnesota, Twin Cities	24	570,946	35,239	22,531	390,774	7,611	68,332	33,840	12,619
Ohio State U.	25	559,797	42,934	26,674	331,043	8,438	48,648	37,042	65,018
Icahn School of Medicine at Mount Sinai	26	554,582	26,220	0	525,054	601	1,293	115	1,299
New York U.	27	547,027	20,716	4,065	466,971	1,050	42,854	905	10,466
Texas A&M U., College Station and Health Science Center	28	528,057	59,476	37,592	205,735	9,126	111,581	39,429	65,118
Emory U.	29	515,940	9,227	3,028	484,428	1,135	13,948	215	3,959
U. Texas, Austin	30	489,827	191,082	52,059	110,282	13,954	97,303	533	24,614
Massachusetts Institute of Technology	31	483,526	128,158	71,739	138,517	36,195	93,738	0	15,179
U. Colorado Boulder	32	459,816	41,850	27,891	59,581	148,496	87,115	2,059	92,824
U. Alabama, Birmingham	33	423,290	37,913	3,487	360,322	9,847	6,607	260	4,854

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Florida	34	423,154	39,140	16,708	230,824	8,687	49,024	41,970	36,801
U. Illinois, Urbana-Champaign	35	406,612	58,649	84,115	85,578	10,081	120,001	19,849	28,339
Boston U.	36	402,443	17,764	6,138	327,940	8,154	33,284	389	8,774
U. Chicago	37	394,275	21,814	11,983	291,465	6,313	58,602	108	3,990
U. California, Davis	38	373,719	23,219	16,347	236,989	5,568	34,803	34,370	22,423
Baylor C. of Medicine	39	365,472	14,865	0	310,596	19,759	2,184	14,129	3,939
U. Colorado Anschutz Medical Campus <sup>d</sup>	40	363,999	16,740	0	334,018	0	3,108	49	10,084
U. California, Berkeley	41	354,478	42,813	42,232	137,347	41,499	63,624	3,468	23,495
U. Arizona	42	353,117	30,845	10,312	176,003	57,082	48,592	14,356	15,927
Michigan State U.	43	349,889	14,834	108,509	84,853	3,963	71,392	32,154	34,184
Case Western Reserve U.	44	340,438	17,288	5,500	303,061	3,948	9,028	292	1,321
U. Utah	45	340,434	27,748	40,128	223,690	3,666	38,298	879	6,025
Rutgers, State U. New Jersey, New Brunswick	46	339,015	14,435	10,601	214,876	3,426	41,762	31,334	22,581
Oregon Health and Science U.	47	329,016	10,623	10	316,461	99	1,150	26	647
Indiana U., Bloomington	48	326,326	15,118	6,110	252,908	1,108	39,460	267	11,355
U. Rochester	49	309,647	13,268	83,975	193,162	1,394	17,335	138	375
U. Cincinnati	50	309,097	13,647	3,057	273,764	717	8,595	81	9,236
Colorado State U., Fort Collins	51	303,901	98,372	17,255	55,483	7,984	27,501	46,659	50,647
U. Virginia, Charlottesville	52	297,273	35,252	13,594	189,567	4,060	35,864	1,236	17,700
Purdue U., West Lafayette	53	295,278	52,673	29,314	73,697	12,115	70,105	24,457	32,917
California Institute of Technology	54	293,197	30,794	22,422	88,419	57,283	88,858	0	5,421
U. Iowa	55	283,763	15,123	3,135	218,208	20,876	10,635	740	15,046
Uniformed Services U. of the Health Sciences	56	275,573	263,812	0	10,751	0	0	0	1,010
Arizona State U.	57	274,541	38,834	20,543	62,883	52,725	69,074	2,102	28,380
Scripps Research Institute	58	272,181	2,871	127	264,863	741	3,365	0	214
Utah State U.	59	264,575	129,190	4,773	9,357	40,570	9,915	9,611	61,159
U. Texas Southwestern Medical Center	60	257,611	7,868	235	245,041	2,003	1,384	10	1,070
U. California, Irvine	61	255,010	13,820	16,481	161,431	6,740	47,367	217	8,954
U. Massachusetts, Medical School	62	248,873	5,195	233	240,425	0	1,118	409	1,493
U. New Mexico	63	242,212	20,121	12,927	175,996	2,639	23,926	757	5,846
North Carolina State U.	64	239,115	33,180	36,753	42,874	2,234	55,951	42,046	26,077
U. Illinois, Chicago	65	237,949	11,082	8,289	185,421	655	21,630	209	10,663
Carnegie Mellon U.	66	234,993	90,404	17,358	38,510	3,942	70,532	1,009	13,238
U. Miami	67	231,001	21,486	918	166,311	2,812	9,921	86	29,467

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Woods Hole Oceanographic Institution	68	222,351	65,558	2,625	1,859	7,249	120,859	41	24,160
U. Kentucky	69	220,703	8,186	13,008	158,314	2,327	16,540	12,511	9,817
U. Texas M. D. Anderson Cancer Center	70	217,073	10,454	0	201,426	752	669	17	3,755
Virginia Polytechnic Institute and State U.	71	216,733	47,432	24,072	40,865	4,581	48,740	20,941	30,102
Albert Einstein C. of Medicine	72	214,619	5,391	0	209,219	0	9	0	0
SUNY, U. Buffalo	73	210,257	46,847	5,514	116,929	1,095	29,583	289	10,000
Princeton U.	74	205,000	30,518	22,575	56,755	14,005	66,663	752	13,732
Brown U.	75	198,574	18,197	6,729	138,141	3,692	26,053	0	5,762
U. Oklahoma, Norman and Health Science Center	76	193,639	9,113	7,286	79,772	37,080	13,514	1,222	45,652
Wake Forest U.	77	188,887	13,142	416	164,756	858	2,607	147	6,961
U. Georgia	78	188,451	4,879	13,002	91,326	1,269	30,420	33,772	13,783
U. Kansas	79	187,249	7,043	4,326	129,732	2,395	19,377	377	23,999
U. South Florida <sup>e</sup>	80	185,364	9,933	2,054	106,347	2,721	13,081	786	50,442
U. Connecticut	81	183,362	18,901	6,529	106,354	2,866	22,779	5,251	20,682
U. Dayton	82	181,445	104,393	3,748	260	804	838	2	71,400
Washington State U.	83	179,536	8,013	24,402	62,084	1,403	18,295	44,992	20,347
Oregon State U.	84	179,180	17,806	15,532	30,530	6,056	50,582	32,602	26,072
Iowa State U.	85	169,177	11,182	33,990	23,135	2,027	30,813	38,170	29,860
Tufts U.	86	166,809	8,350	2,692	86,649	928	13,665	13,500	41,025
U. Texas Health Science Center, Houston	87	165,139	9,075	0	149,561	424	773	1,962	3,344
U. Missouri, Columbia	88	163,576	13,439	7,295	80,698	409	14,915	22,400	24,420
SUNY, Stony Brook U.	89	162,972	8,461	21,913	81,821	3,707	40,234	12	6,824
Medical U. South Carolina	90	162,394	2,091	0	149,024	0	351	0	10,928
George Washington U.	91	161,349	9,612	3,772	121,841	1,354	13,487	141	11,142
Virginia Commonwealth U.	92	160,995	10,229	2,032	125,394	720	7,003	554	15,063
U. Hawaii, Manoa	93	157,772	29,477	5,551	47,305	11,971	29,782	9,056	24,630
U. Delaware	94	157,725	21,335	14,132	46,023	4,314	32,207	4,394	35,320
Temple U.	95	153,316	6,587	3,864	123,600	845	10,764	1,463	6,193
Dartmouth C. and Dartmouth Hitchcock Medical Center	96	152,335	9,831	3,534	114,245	4,560	18,918	253	994
Florida State U.	97	150,108	19,797	10,098	39,153	3,188	53,176	840	23,856
Northeastern U.	98	143,421	32,776	4,453	45,318	1,171	47,090	0	12,613
Medical C. Wisconsin	99	136,385	5,700	0	127,031	478	485	143	2,548
U. Tennessee, Knoxville	100	135,202	17,970	56,425	9,647	3,469	22,000	16,954	8,737
Georgetown U.	101	130,419	9,589	0	98,623	2,743	6,029	0	13,435

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**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

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Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Alaska, Fairbanks	102	128,229	29,220	8,845	7,990	21,739	36,484	2,554	21,397
U. California, Santa Barbara	103	122,168	32,274	12,311	16,720	5,881	47,941	412	6,629
Wayne State U.	104	117,976	4,757	2,072	95,588	110	10,172	489	4,788
U. Texas Medical Branch	105	117,915	6,352	0	109,569	973	792	51	178
U. Alabama, Huntsville	106	116,971	73,021	816	324	28,939	7,400	143	6,328
Mississippi State U.	107	116,713	31,014	5,816	9,107	1,351	9,215	31,679	28,531
U. Massachusetts, Amherst	108	116,349	16,646	6,227	38,102	3,206	34,549	7,605	10,014
Tulane U.	109	113,819	5,196	509	95,521	170	5,047	63	7,313
Montana State U., Bozeman	110	113,257	35,768	3,941	23,707	7,188	16,102	12,722	13,829
U. Nebraska, Medical Center	111	111,042	6,314	36	100,663	54	830	194	2,951
U. Notre Dame	112	109,891	28,768	13,369	27,114	1,265	28,682	429	10,264
Thomas Jefferson U.	113	109,448	3,110	0	106,020	259	12	0	47
U. Central Florida	114	109,310	39,374	6,503	18,835	9,402	23,480	669	11,047
U. Texas Health Science Center, San Antonio	115	106,824	7,457	0	94,870	372	337	0	3,788
U. Nebraska, Lincoln	116	106,564	6,907	9,512	27,311	698	27,251	20,979	13,906
Florida International U.	117	105,309	14,133	6,963	36,876	2,012	22,802	1,034	21,489
George Mason U.	118	103,712	51,849	1,002	15,039	7,646	12,345	160	15,671
U. Vermont	119	103,554	2,653	1,429	71,695	1,688	9,574	12,829	3,686
Louisiana State U., Baton Rouge	120	103,178	18,045	6,240	37,089	3,625	17,191	10,062	10,926
U. New Hampshire	121	99,323	4,042	3,234	23,219	24,077	14,761	7,980	22,010
U. South Carolina, Columbia	122	97,193	6,963	9,760	55,385	3,040	14,409	275	7,361
U. California, Riverside	123	97,182	7,006	6,803	37,048	1,939	26,166	12,071	6,149
U. Louisville	124	97,179	4,112	1,752	78,321	777	7,312	7	4,898
Rockefeller U.	125	96,318	3,185	0	91,791	18	1,318	0	6
Rice U.	126	95,648	18,504	8,951	22,430	3,817	35,401	123	6,422
Drexel U.	127	93,517	7,806	3,060	58,955	499	14,399	1,581	7,217
Auburn U., Auburn	128	91,157	18,413	6,372	15,778	6,492	10,226	18,227	15,649
Clemson U.	129	89,883	8,213	7,012	15,079	1,798	17,932	6,387	33,462
West Virginia U.	130	89,802	5,945	13,023	41,751	3,878	9,945	7,977	7,283
U. California, Santa Cruz	131	86,263	5,925	4,963	44,933	3,638	13,870	1,306	11,628
U. Arkansas for Medical Sciences	132	83,387	973	0	78,995	228	336	404	2,451
U. Oregon	133	82,242	2,699	6,447	44,837	964	14,016	722	12,557
Georgia State U.	134	79,834	1,085	1,477	53,947	781	8,515	259	13,770
U. Rhode Island	135	78,923	6,546	1,096	20,897	873	19,473	5,129	24,909

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Kansas State U.	136	77,779	4,250	9,016	15,633	678	14,066	22,553	11,583
U. Houston	137	77,489	5,634	8,249	37,957	2,935	14,994	83	7,637
Wichita State U.	138	77,427	40,514	244	6,050	1,670	1,698	221	27,030
U. Nevada, Reno	139	77,246	7,009	5,542	29,519	1,302	12,778	6,119	14,977
New Jersey Institute of Technology	140	77,057	16,638	1,106	11,135	2,513	10,324	243	35,098
U. Mississippi	141	76,886	6,843	674	55,055	751	3,939	5,986	3,638
Rush U.	142	73,279	388	0	72,659	168	64	0	0
U. Montana, Missoula	143	70,686	4,037	559	36,299	1,840	12,999	5,006	9,946
U. Louisiana, Lafayette	144	65,436	2,436	1,758	18,940	808	4,776	3,679	33,039
U. Maine	145	65,249	17,105	6,709	2,537	1,319	11,636	15,518	10,425
New Mexico State U.	146	64,699	20,082	7,214	8,028	3,974	12,458	9,378	3,565
Augusta U.	147	61,943	1,910	0	58,641	72	180	0	1,140
Colorado School of Mines	148	61,421	15,048	20,880	2,926	2,550	14,905	843	4,269
U. Maryland, Baltimore County	149	59,882	3,678	1,182	15,208	25,359	11,141	461	2,853
U. North Dakota	150	58,463	2,424	30,942	16,119	2,483	2,725	1,436	2,334
U. Texas, Dallas	151	58,249	11,441	4,106	25,506	2,254	14,529	25	388
Cold Spring Harbor Laboratory	152	56,907	1,154	1,279	47,891	0	4,826	1,626	131
SUNY, U. Albany	153	56,425	1,767	1,015	40,527	511	7,863	280	4,462
U. Tennessee, Health Science Center	154	56,021	2,837	0	52,273	0	115	0	796
Naval Postgraduate School	155	54,855	50,967	983	0	1,467	881	0	557
U. Wyoming	156	54,444	2,087	10,265	14,768	1,223	17,125	3,142	5,834
U. Alabama, Tuscaloosa	157	53,880	7,238	5,763	11,545	1,688	13,801	595	13,250
Rensselaer Polytechnic Institute	158	52,465	12,484	11,968	11,882	2,994	10,817	172	2,148
Brandeis U.	159	52,147	270	1,185	33,748	158	5,621	0	11,165
U. Idaho	160	51,021	1,073	5,409	8,987	2,339	14,048	14,711	4,454
U. Arkansas, Fayetteville	161	48,534	4,583	5,961	5,622	1,162	14,101	11,136	5,969
U. Massachusetts, Lowell	162	48,179	19,101	3,302	13,709	1,957	6,447	235	3,428
Oklahoma State U., Stillwater	163	47,428	4,199	7,152	9,313	1,729	9,134	10,229	5,672
Cleveland State U.	164	47,402	3,769	127	41,691	172	1,096	272	275
U. Texas, Arlington	165	46,946	8,786	2,462	10,353	1,753	9,340	225	14,027
U. Southern Mississippi	166	44,401	13,655	254	5,023	1,897	4,732	1,317	17,523
U. Texas, El Paso	167	43,930	6,445	2,302	14,720	2,699	11,223	454	6,087
San Diego State U.	168	43,473	4,150	1,148	27,182	804	7,803	167	2,219
U. Texas, San Antonio	169	42,952	5,252	5,954	14,320	2,341	8,001	295	6,789

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
North Dakota State U.	170	42,824	4,605	556	7,105	112	9,637	12,525	8,284
Northern Arizona U.	171	41,744	8,665	1,889	10,356	3,977	9,634	4,199	3,024
Michigan Technological U.	172	41,505	17,082	5,838	2,305	4,344	6,820	1,291	3,825
Saint Louis U.	173	41,411	1,577	285	34,263	208	2,799	67	2,212
Florida A&M U.	174	36,761	945	1,649	5,692	258	4,413	8,232	15,572
Howard U.	175	35,443	2,624	253	24,932	225	6,166	0	1,243
Mercer U.	176	34,413	31,981	0	2,281	11	140	0	0
Louisiana State U., Health Sciences Center, New Orleans	177	34,272	189	0	32,938	59	481	0	605
Boston C.	178	34,257	5,438	929	16,891	160	6,635	0	4,204
CUNY, City C.	179	34,218	1,993	1,694	9,780	2,201	11,056	135	7,359
Syracuse U.	180	34,200	3,257	2,182	11,713	197	12,585	843	3,423
Stevens Institute of Technology	181	33,998	21,258	1,673	1,883	720	6,391	0	2,073
Texas Tech U.	182	33,938	6,600	5,014	5,899	2,812	7,510	2,321	3,782
U. Puerto Rico, Medical Sciences Campus	183	33,262	0	0	30,815	265	1,216	0	966
U. Toledo	184	32,601	5,014	2,865	14,760	4,620	2,637	1,066	1,639
U. North Texas, Health Science Center	185	32,464	724	0	29,933	9	42	16	1,740
U.S. Air Force Academy	186	31,818	31,818	0	0	0	0	0	0
Boise State U.	187	31,357	2,926	5,341	5,834	1,820	11,953	978	2,505
Rochester Institute of Technology	188	31,187	9,802	1,970	5,029	2,950	9,216	76	2,144
Texas State U.	189	31,116	3,690	188	4,348	4,032	4,006	657	14,195
San Jose State U.	190	30,877	1,049	488	1,957	20,113	1,698	97	5,475
Brigham Young U., Provo	191	30,439	5,306	4,949	7,274	1,765	8,317	807	2,021
Indiana U.-Purdue U., Indianapolis	192	30,290	1,338	831	18,586	118	6,271	125	3,021
Worcester Polytechnic Institute	193	30,166	8,391	2,733	4,175	348	10,889	301	3,329
William & Mary	194	29,928	1,729	2,534	1,569	285	6,095	253	17,463
Portland State U.	195	29,842	2,333	1,288	11,037	1,024	6,865	992	6,303
Lehigh U.	196	29,051	3,372	4,508	6,853	150	11,749	0	2,419
Florida Atlantic U.	197	28,510	5,985	519	8,977	592	4,111	2,351	5,975
SUNY, Downstate Health Sciences U.	198	27,620	1,228	0	26,289	0	38	0	65
U. Nevada, Las Vegas	199	27,178	377	3,057	9,163	2,095	4,880	1,997	5,609
U. North Carolina, Charlotte	200	27,145	3,599	3,259	5,850	109	10,744	236	3,348
Air Force Institute of Technology	201	27,025	24,584	167	0	2	0	0	2,272
Loyola U., Chicago	202	26,793	704	0	22,428	47	2,349	168	1,097
Missouri U. of Science and Technology	203	26,164	6,147	6,096	727	867	6,504	404	5,419

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
North Carolina Agricultural and Technical State U.	204	25,755	2,554	1,270	3,283	1,098	9,073	5,837	2,640
Old Dominion U.	205	25,514	6,609	4,215	4,053	1,663	5,120	114	3,740
SUNY, Polytechnic Institute	206	25,427	20,113	1,140	1,362	114	2,311	0	387
Morehouse School of Medicine	207	25,181	0	0	24,533	0	463	0	185
SUNY, Upstate Medical U.	208	24,974	1,914	0	22,895	0	83	34	48
New Mexico Institute of Mining and Technology	209	24,900	7,389	7,422	580	698	6,970	0	1,841
Illinois Institute of Technology	210	24,762	669	4,859	11,865	479	5,506	532	852
U. North Carolina, Greensboro	211	24,423	620	27	10,068	13	2,717	674	10,304
U. Wisconsin-Milwaukee	212	24,397	826	2,503	9,238	87	9,028	342	2,373
U. South Alabama	213	23,758	973	1,326	12,786	182	4,207	306	3,978
U. Massachusetts, Boston	214	23,673	869	16	10,062	543	4,775	0	7,408
U. Denver	215	23,415	395	62	16,284	167	2,704	0	3,803
SUNY, Binghamton U.	216	23,225	5,241	1,289	8,792	1	6,535	0	1,367
CUNY, Hunter C.	217	23,166	921	784	19,542	128	1,386	0	405
Catholic U. of America	218	23,128	225	5,338	2,378	13,378	1,149	0	660
East Carolina U.	219	22,813	1,285	216	12,999	108	3,758	154	4,293
Van Andel Research Institute	220	22,231	636	230	21,365	0	0	0	0
U. Memphis	221	21,578	897	188	10,023	205	4,496	74	5,695
U. Missouri, Kansas City	222	21,203	7,061	19	11,302	237	1,696	0	888
U. Nebraska, central administration	223	20,675	17,024	0	637	0	823	0	2,191
Tennessee State U.	224	20,378	936	934	3,904	418	3,267	10,744	175
Wright State U.	225	19,617	11,336	151	6,185	200	663	284	798
Ohio U.	226	19,164	1,600	2,936	6,824	312	2,838	444	4,210
U. North Texas, Denton	227	18,702	5,459	2,567	2,165	764	5,805	301	1,641
U. California, Merced	228	18,621	1,636	2,170	4,839	453	6,067	1,557	1,899
South Dakota State U.	229	18,607	1,039	628	3,845	626	2,142	7,540	2,787
Ponce Health Sciences U.	230	18,284	0	0	18,284	0	0	0	0
Southern Methodist U.	231	17,886	4,366	2,355	3,648	556	5,167	63	1,731
Rowan U.	232	17,400	4,843	31	8,228	198	3,215	45	840
Desert Research Institute	233	16,641	4,626	5,701	425	956	1,557	876	2,500
Delaware State U.	234	16,460	144	3	4,739	1,272	3,244	2,791	4,267
Morgan State U.	235	16,319	1,533	18	5,750	3,395	3,149	67	2,407
Rutgers, State U. New Jersey, Newark	236	16,281	2,290	393	8,362	0	5,041	56	139
San Francisco State U.	237	15,993	1,013	310	9,172	94	4,297	28	1,079

TABLE 26

**Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2021**

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Tuskegee U.	238	15,424	564	1,645	1,900	39	5,608	5,460	208
Kent State U.	239	15,179	1,011	1,679	6,795	169	4,203	2	1,320
U. Puerto Rico, Rio Piedras	240	15,108	292	34	4,442	2,155	7,136	534	515
U. Alaska, Anchorage	241	15,079	1,910	52	3,111	159	2,959	31	6,857
Embry-Riddle Aeronautical U.	242	14,859	1,602	41	168	1,117	2,626	133	9,172
Eastern Virginia Medical School	243	14,774	406	0	6,998	677	0	0	6,693
U. Guam	244	14,316	2,241	0	2,502	352	3,650	3,536	2,035
U. Maryland Center for Environmental Science	245	14,072	182	493	70	1,014	3,142	365	8,806
Jackson State U.	246	14,038	1,251	219	3,130	51	6,726	0	2,661
California State U., Northridge	247	13,989	528	298	7,537	1,056	3,948	108	514
Western Michigan U. and Homer Stryker M.D. School of Medicine	248	13,944	796	2,722	2,522	373	3,750	0	3,781
Marquette U.	249	13,918	261	811	8,237	94	4,056	148	311
Meharry Medical C.	250	13,784	219	0	13,310	0	7	0	248
U.S. Military Academy	251	13,708	12,655	0	0	0	56	0	997
U. Nebraska, Omaha	252	13,503	869	0	5,706	271	2,517	0	4,140
U. West Florida	253	13,313	2,443	397	912	0	618	7	8,936
Albany Medical C.	254	13,166	160	0	13,006	0	0	0	0
U. of the Virgin Islands	255	13,099	0	0	982	776	5,892	4,251	1,198
U. Puerto Rico, Mayaguez	256	13,073	1,313	226	1,016	148	5,980	1,044	3,346
Florida Institute of Technology	257	13,049	3,776	537	828	1,649	2,107	211	3,941
U. Texas Rio Grande Valley	258	13,018	1,762	53	6,094	33	2,650	1,602	824
Marshall U.	259	12,854	1,237	102	9,011	169	833	0	1,502
U. Hawaii, system office	260	12,688	11,304	0	0	56	0	0	1,328
Southern Illinois U., Carbondale	261	12,655	739	192	5,445	68	2,039	1,073	3,099
CUNY, Queens C.	262	12,386	99	6,809	3,051	0	2,421	6	0
Louisiana State U., Health Sciences Center, Shreveport	263	12,359	105	0	12,110	144	0	0	0
CUNY, Graduate School of Public Health and Health Policy	264	12,254	0	0	11,078	0	147	0	1,029
Texas Tech U., Health Sciences Center	265	12,148	1,052	0	10,565	0	429	102	0
American U.	266	12,076	647	16	1,537	2,927	2,220	165	4,564
U. Texas Health Science Center, Tyler	267	12,007	107	157	11,743	0	0	0	0
U. Colorado Denver <sup>d</sup>	268	11,866	535	109	4,799	287	4,029	87	2,020
CUNY, Advanced Science Research Center	269	11,840	4,569	17	3,800	347	2,931	6	170
U. Baltimore	270	11,692	0	0	310	16	144	0	11,222
U. South Dakota	271	11,664	250	199	7,429	1	3,574	0	211

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
South Dakota School of Mines and Technology	272	11,587	2,202	1,764	345	959	5,514	204	599
Hampton U.	273	11,517	1,062	1,075	2,030	4,115	3,235	0	0
Xavier U. Louisiana	274	11,213	503	21	9,353	490	841	0	5
California State U., Long Beach	275	11,178	1,686	158	6,608	35	1,561	214	916
California Polytechnic State U., San Luis Obispo	276	11,163	1,865	525	1,778	145	3,293	1,224	2,333
Baylor U.	277	11,025	1,429	890	3,565	68	2,560	2,087	426
Texas A&M U.-Corpus Christi	278	10,967	229	61	1,064	263	1,861	15	7,474
New York Medical C.	279	10,739	54	0	10,230	322	0	0	133
North Carolina Central U.	280	10,676	63	485	6,676	41	2,691	48	672
Nova Southeastern U.	281	10,386	4,057	0	3,585	0	12	0	2,732
U.S. Naval Academy	282	10,247	9,593	175	0	59	420	0	0
Loma Linda U.	283	10,116	62	24	8,751	1,263	0	0	16
Northeast Ohio Medical U.	284	9,999	218	0	9,712	0	69	0	0
Charles R. Drew U. of Medicine and Science	285	9,945	1,281	0	8,664	0	0	0	0
Illinois State U.	286	9,787	0	660	2,158	0	2,109	851	4,009
Prairie View A&M U.	287	9,566	898	595	30	835	1,935	5,141	132
Miami U.	288	9,412	1,322	360	2,414	1,035	2,687	0	1,594
Rosalind Franklin U. of Medicine and Science	289	9,357	718	0	8,443	0	0	0	196
California State U., East Bay	290	9,275	0	565	92	13	3,564	51	4,990
Texas A&M U.-Kingsville	291	9,265	677	19	1,176	62	1,633	3,631	2,067
Northern Illinois U.	292	9,080	547	2,447	1,275	189	2,741	34	1,847
U. Akron	293	9,024	1,265	399	1,525	793	4,107	16	919
Missouri State U.	294	8,931	7,034	148	229	61	405	628	426
California State U., San Marcos	295	8,831	1,387	0	1,751	313	2,311	99	2,970
Creighton U.	296	8,585	837	207	6,626	109	563	30	213
Chapman U.	297	8,574	974	0	5,195	241	1,176	642	346
Teachers C., Columbia U.	298	8,521	0	0	668	0	3,352	0	4,501
East Tennessee State U.	299	8,358	157	0	7,220	38	471	52	420
U. Maryland, Eastern Shore	300	8,346	0	21	577	16	1,380	3,516	2,836
U. Massachusetts, Dartmouth	301	8,223	2,344	102	800	81	2,100	62	2,734
Tennessee Technological U.	302	7,625	658	1,709	129	199	2,722	571	1,637
St. Edward's U.	303	7,600	0	0	450	371	4,309	500	1,970
Alcorn State U.	304	7,593	58	39	233	0	105	7,158	0
Oakland U.	305	7,426	681	107	4,017	53	2,522	36	10

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
California State U., Los Angeles	306	7,342	564	33	3,288	637	1,968	24	828
U. North Florida	307	7,267	245	84	2,307	60	947	13	3,611
Bowling Green State U.	308	7,263	60	739	1,661	62	2,676	121	1,944
Clarkson U.	309	7,246	1,449	293	310	38	2,948	64	2,144
Idaho State U.	310	7,216	27	2,810	845	88	3,047	52	347
SUNY, C. of Environmental Science and Forestry	311	6,979	118	41	219	19	910	1,630	4,042
U. Arkansas, Little Rock	312	6,939	3,589	312	782	664	980	123	489
Central Michigan U.	313	6,919	0	1,793	1,579	0	1,252	0	2,295
U. North Carolina, Wilmington	314	6,852	735	74	503	197	2,194	0	3,149
U. of the District of Columbia	315	6,851	125	636	74	1,031	3,030	1,833	122
Louisiana Tech U.	316	6,428	2,323	6	203	92	2,968	395	441
Montana Technological U.	317	6,133	4,012	187	428	135	416	86	869
Alabama A&M U.	318	5,967	911	365	3,182	85	711	227	486
U. Tulsa	319	5,876	788	1,029	83	113	2,898	46	919
California State U., San Bernardino	320	5,867	0	0	664	111	2,809	106	2,177
Villanova U.	321	5,826	862	0	572	668	3,411	0	313
U. Missouri, Saint Louis	322	5,812	71	0	3,616	71	1,193	104	757
Sam Houston State U.	323	5,632	71	0	304	0	900	725	3,632
Lincoln U., Jefferson City	324	5,621	0	0	0	0	291	5,330	0
Western U. of Health Sciences	325	5,620	1,009	0	4,116	0	0	495	0
California State U., Sacramento	326	5,582	0	0	123	0	1,437	107	3,915
Texas Southern U.	327	5,562	0	0	2,512	0	1,415	0	1,635
Naval War C.	328	5,542	5,542	0	0	0	0	0	0
U. Hawaii, Hilo	329	5,510	253	72	894	25	1,731	424	2,111
Clark Atlanta U.	330	5,355	386	14	2,746	20	2,129	60	0
U. Minnesota, Duluth	331	5,325	133	133	279	9	2,594	296	1,881
Duquesne U.	332	5,020	1,016	0	2,398	0	511	0	1,095
Rhode Island C.	333	4,894	24	129	2,414	0	122	0	2,205
Virginia State U.	334	4,846	167	79	106	19	1,261	3,092	122
Winston-Salem State U.	335	4,841	0	0	1,299	0	1,645	0	1,897
U.S. Army War C.	336	4,662	1,187	0	405	0	128	1,488	1,454
Tarleton State U.	337	4,620	0	0	0	0	113	4,186	321
California State U., Fullerton	338	4,551	224	66	1,850	9	1,985	232	185
Morehouse C.	339	4,533	104	341	1,180	0	2,426	0	482

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
DePaul U.	340	4,518	0	38	2,333	95	1,980	0	72
U. Tennessee, Chattanooga	341	4,507	740	477	111	0	2,686	18	475
CUNY, Brooklyn C.	342	4,505	0	0	3,367	0	1,082	14	42
Florida Gulf Coast U.	343	4,467	0	0	1,237	252	924	0	2,054
Texas Christian U.	344	4,448	63	146	3,590	33	412	0	204
Fort Valley State U.	345	4,429	0	22	0	0	431	3,976	0
California State Polytechnic U., Pomona	346	4,396	171	58	504	94	2,278	391	900
Western Washington U.	347	4,290	0	321	320	464	2,598	40	547
Arkansas State U., Jonesboro	348	4,249	3	75	690	11	1,395	1,001	1,074
Central State U.	349	4,165	0	0	0	16	504	3,549	96
Middle Tennessee State U.	350	4,150	173	26	311	55	1,833	757	995
Montclair State U.	351	4,146	0	0	1,191	156	2,511	46	242
C. Charleston	352	4,126	9	7	403	1,741	1,249	101	616
West Virginia State U.	353	4,119	0	14	14	0	263	3,295	533
California State U., Fresno	354	4,101	0	12	961	190	2,075	450	413
Fordham U.	355	4,076	194	53	2,594	0	748	12	475
U. of Health Sciences and Pharmacy in St. Louis	356	4,063	699	0	3,364	0	0	0	0
Wesleyan U.	357	4,032	501	0	1,001	545	1,455	0	530
Norfolk State U.	358	3,976	1,371	897	95	0	1,613	0	0
U. Arkansas, Pine Bluff	359	3,960	553	0	167	114	160	2,861	105
U. Colorado Colorado Springs	360	3,942	1,099	144	838	15	1,837	9	0
Fisk U.	361	3,940	463	59	338	57	2,770	0	253
South Carolina State U.	362	3,933	0	778	1,217	72	1,630	128	108
U. Detroit Mercy	363	3,917	35	0	3,814	0	68	0	0
U. New England	364	3,864	0	242	3,163	0	351	48	60
Southern Illinois U., Edwardsville	365	3,844	122	0	1,536	0	1,238	77	871
California State U., Bakersfield	366	3,827	0	0	317	0	918	115	2,477
California State U., Monterey Bay	367	3,813	146	0	240	1,558	1,091	176	602
National Defense U.	368	3,786	3,786	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	369	3,770	303	100	175	336	2,743	26	87
Colorado C.	370	3,725	0	0	0	4	361	0	3,360
Kentucky State U.	371	3,716	0	0	0	0	210	3,506	0
U. New Orleans	372	3,674	1,006	104	128	26	972	0	1,438
Southern U. and A&M C., Agricultural Research and Extension Center	373	3,588	0	0	140	0	0	3,448	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Barnard C.	374	3,527	1	0	1,490	74	1,827	135	0
CUNY, John Jay C. of Criminal Justice	375	3,519	15	12	1,153	0	385	0	1,954
Wellesley C.	376	3,469	0	0	1,332	345	1,792	0	0
U. Washington, Tacoma	377	3,459	77	44	385	140	655	29	2,129
CUNY, Lehman C.	378	3,382	61	117	1,500	130	1,574	0	0
Georgia Southern U.	379	3,373	159	72	909	25	1,105	22	1,081
Salisbury U.	380	3,271	0	0	843	0	524	1	1,903
Western Illinois U.	381	3,163	780	47	168	0	35	1,831	302
Kennesaw State U.	382	3,104	242	317	932	8	1,163	18	424
Toyota Technological Institute, Chicago	383	3,090	1,115	0	328	0	1,647	0	0
Langston U.	384	3,089	0	0	434	459	42	2,125	29
U. Washington, Bothell	385	2,956	505	0	180	0	1,938	0	333
Rutgers, State U. New Jersey, Camden	386	2,905	197	72	801	0	961	0	874
Clark U.	387	2,754	37	134	325	65	1,572	158	463
Murray State U.	388	2,721	0	0	283	15	1,220	42	1,161
Long Island U.	389	2,686	39	0	1,841	0	297	372	137
Middlebury C.	390	2,639	36	0	939	115	1,340	57	152
Northwest Indian C.	391	2,621	0	1	1,096	461	813	235	15
Dakota State U.	392	2,603	1,691	0	0	0	912	0	0
U. San Diego	393	2,554	814	0	100	0	1,393	0	247
Pace U.	394	2,536	168	626	245	0	1,497	0	0
MGH Institute of Health Professions	395	2,500	0	0	2,500	0	0	0	0
CUNY, Graduate Center	396	2,496	0	0	354	0	2,020	0	122
U. Central del Caribe	397	2,492	0	0	2,492	0	0	0	0
Ball State U.	398	2,469	25	0	1,387	22	388	0	647
Haverford C.	399	2,455	1,520	0	98	331	506	0	0
Smith C.	400	2,433	99	0	658	0	1,415	0	261
James Madison U.	401	2,379	15	74	705	48	1,400	40	97
U. Michigan, Dearborn	402	2,366	68	516	394	6	1,186	0	196
Johnson C. Smith U.	403	2,365	0	0	406	16	688	0	1,255
Occidental C.	404	2,348	0	0	124	48	1,708	88	380
Western Kentucky U.	404	2,348	4	15	925	151	614	460	179
Alabama State U.	406	2,338	73	0	942	1	1,322	0	0
U. North Carolina, Asheville	407	2,322	0	0	1,129	13	502	144	534

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Oklahoma State U., Center for Health Sciences	408	2,304	57	0	1,917	0	32	0	298
Pennsylvania State U., Behrend	409	2,286	92	116	52	0	1,005	17	1,004
Purdue U., Northwest	410	2,280	936	197	142	41	784	69	111
California State U., Chico	411	2,258	308	2	111	0	1,246	156	435
Eastern Michigan U.	412	2,237	18	0	1,384	87	656	0	92
CUNY, C. Staten Island	413	2,234	0	0	982	25	1,168	0	59
Sonoma State U.	414	2,212	53	0	12	926	1,194	0	27
Youngstown State U.	415	2,198	1,213	0	102	18	317	0	548
West Texas A&M U.	416	2,195	0	631	0	0	1,048	236	280
Loyola Marymount U.	417	2,170	9	0	775	0	265	26	1,095
Northern Kentucky U.	418	2,156	0	0	1,143	33	195	2	783
Gallaudet U.	419	2,140	0	0	1,630	9	392	0	109
Seton Hall U.	420	2,137	396	0	607	0	0	0	1,134
SUNY, C. of Optometry	421	2,105	0	0	2,105	0	0	0	0
Tougaloo C.	422	2,092	0	0	1,422	30	640	0	0
Bates C.	423	2,079	0	0	700	0	1,303	0	76
Pacific U.	424	2,072	0	0	1,213	10	697	0	152
U. New Haven	425	2,069	642	69	72	34	706	0	546
U. Southern Maine	426	2,020	0	0	1,883	32	41	0	64
California State U., Dominguez Hills	427	2,001	0	0	821	0	874	0	306
U. Northern Iowa	428	1,995	733	104	473	52	559	63	11
Hope C.	429	1,992	0	45	70	357	1,459	0	61
Fayetteville State U.	430	1,988	447	0	0	30	1,138	0	373
New York Institute of Technology	430	1,988	251	0	1,027	0	609	98	3
Humboldt State U.	432	1,975	0	0	0	0	378	684	913
St. John's U., New York	433	1,950	39	0	1,458	0	453	0	0
U. Northern Colorado	434	1,942	34	0	170	35	768	51	884
Santa Clara U.	435	1,930	234	0	625	216	791	0	64
Reed C.	436	1,916	0	0	415	1	1,215	40	245
Northeastern Illinois U.	437	1,913	0	0	1,084	0	802	27	0
Albany C. of Pharmacy and Health Sciences	438	1,900	0	0	1,900	0	0	0	0
Saginaw Valley State U.	439	1,899	110	0	1,137	1	0	0	651
William Paterson U.	440	1,893	0	0	361	0	333	0	1,199
Spelman C.	441	1,886	0	0	455	0	1,431	0	0

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. South Carolina, Aiken	442	1,884	0	1,261	187	3	113	0	320
Lamar U.	443	1,873	0	55	543	0	338	0	937
U. Wisconsin-Superior	444	1,843	0	0	0	7	11	0	1,825
Bowdoin C.	445	1,836	0	0	639	292	822	0	83
Texas Tech U., Health Sciences Center, El Paso	446	1,831	90	0	1,430	0	98	0	213
Savannah State U.	447	1,804	671	9	419	68	276	0	361
Central Washington U.	448	1,778	177	0	0	189	1,041	6	365
U. Wisconsin-Stevens Point	449	1,776	1	35	0	0	33	639	1,068
U. Texas of the Permian Basin	450	1,762	0	270	962	0	18	0	512
Towson U.	451	1,758	466	0	158	0	836	63	235
Fort Lewis C.	452	1,746	0	74	368	22	1,203	52	27
Hawaii Pacific U.	453	1,741	0	0	750	0	123	654	214
Skidmore C.	454	1,739	0	0	188	61	1,044	0	446
Palmer C. of Chiropractic, Davenport	455	1,733	0	0	1,733	0	0	0	0
Morehead State U.	456	1,727	0	0	885	723	106	13	0
Citadel Military C. South Carolina	457	1,714	777	0	51	13	780	0	93
Western Carolina U.	458	1,697	0	0	759	0	307	174	457
Bucknell U.	459	1,696	43	18	131	359	1,026	4	115
Appalachian State U.	460	1,694	24	4	73	4	993	67	529
CUNY, Baruch C.	461	1,691	109	253	273	78	925	0	53
U. Central Arkansas	462	1,640	14	0	961	52	281	119	213
New England C. of Optometry	463	1,623	0	0	1,623	0	0	0	0
Pennsylvania State U., Harrisburg	464	1,616	166	0	1,298	0	21	0	131
Elizabeth City State U.	465	1,603	0	49	114	0	1,152	0	288
Mount Holyoke C.	466	1,539	0	0	442	0	836	0	261
U. Richmond	467	1,534	0	78	443	217	631	153	12
U. Central Oklahoma	468	1,516	60	0	647	0	416	63	330
Texas Woman's U.	469	1,514	2	0	434	0	511	61	506
Yeshiva U.	470	1,509	78	0	1,136	0	258	0	37
Colorado State U., Pueblo	471	1,508	0	0	0	8	270	0	1,230
Midwestern U.	472	1,506	0	0	1,273	0	129	22	82
Indiana U. Pennsylvania	473	1,503	34	171	88	0	209	904	97
Carleton C.	474	1,499	0	0	226	19	1,142	0	112
Christopher Newport U.	475	1,497	38	195	70	559	533	0	102

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Winthrop U.	476	1,495	6	0	355	0	395	0	739
Troy U.	477	1,488	0	0	0	0	37	139	1,312
U. Louisiana, Monroe	478	1,465	0	0	994	21	37	216	197
Harvey Mudd C.	479	1,443	43	0	0	51	1,349	0	0
Colgate U.	480	1,440	117	0	67	193	1,063	0	0
Bryn Mawr C.	481	1,429	551	30	67	0	619	0	162
Grand Valley State U.	482	1,415	0	0	600	64	378	31	342
Swarthmore C.	483	1,414	0	0	592	162	595	3	62
Bowie State U.	484	1,398	202	49	2	74	601	24	446
Touro U.	485	1,377	0	0	1,356	0	21	0	0
Amherst C.	486	1,375	0	0	341	35	999	0	0
Franklin and Marshall C.	487	1,363	0	0	567	6	574	0	216
California State U., Stanislaus	488	1,354	0	0	60	0	1,009	0	285
Trinity C., Hartford	489	1,348	0	0	920	7	421	0	0
U. Nebraska, Kearney	490	1,327	0	0	842	1	245	0	239
New School	491	1,324	93	57	60	1	720	0	393
U. of St. Thomas (MN)	492	1,321	82	0	19	10	1,202	0	8
U. of the Sciences Philadelphia	493	1,320	0	0	1,069	0	121	0	130
U. Virginia's C. Wise	494	1,307	0	0	0	0	1,297	6	4
Texas A&M U.-Commerce	495	1,283	0	118	0	25	747	168	225
SUNY, Geneseo	496	1,273	0	457	173	41	516	0	86
U. Oklahoma, Tulsa	497	1,267	0	0	886	32	290	0	59
Hofstra U.	498	1,266	45	0	85	2	1,086	0	48
Dillard U.	499	1,257	205	0	219	93	254	0	486
Texas A&M International U.	500	1,243	0	0	37	0	206	35	965
Roger Williams U.	501	1,202	17	0	273	0	469	103	340
U. Puerto Rico, Cayey	501	1,202	0	0	1,101	62	11	0	28
Keck Graduate Institute	503	1,201	i 83	i 3	i 1,038	i 8	i 40	i 3	i 26
CUNY, New York City C. of Technology	504	1,197	124	0	198	61	814	0	0
U. Houston-Downtown	505	1,169	14	0	78	0	248	0	829
Saint Joseph's U.	506	1,158	20	0	134	0	601	0	403
Claremont Graduate U.	507	1,152	94	0	155	0	148	0	755
Williams C.	507	1,152	i 61	i 0	i 171	i 5	i 915	i 0	i 0
Davidson C.	509	1,151	0	29	632	0	472	0	18

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Puerto Rico, Humacao	510	1,137	0	0	157	245	600	0	135
Black Hills State U.	511	1,124	0	0	414	9	654	0	47
U. of the Pacific	512	1,106	0	0	759	92	241	14	0
Seattle U.	513	1,102	0	0	65	0	1,023	14	0
New Mexico Highlands U.	514	1,085	0	0	109	0	976	0	0
U. Wisconsin-Oshkosh	515	1,083	0	0	835	0	248	0	0
C. New Jersey	516	1,079	0	23	98	144	722	15	77
Trinity U.	517	1,078	0	0	415	290	373	0	0
U. of the Incarnate Word	518	1,076	715	0	76	0	285	0	0
U. Illinois, Springfield	519	1,071	0	0	147	15	15	1	893
U. Alaska, Southeast	520	1,046	6	77	0	47	467	119	330
Doane U.	521	1,034	0	0	279	0	754	0	1
Stephen F. Austin State U.	522	1,029	0	0	77	0	226	583	143
Furman U.	523	1,028	0	0	331	27	662	8	0
Drake U.	524	1,016	0	70	620	76	245	5	0
Augustana U.	525	1,013	0	0	560	91	362	0	0
Clafin U.	526	1,005	342	141	234	0	288	0	0
California State U., Channel Islands	527	993	2	0	161	0	828	0	2
SUNY, Buffalo State	528	977	0	0	2	0	320	0	655
Union C., Schenectady	529	976	0	0	4	20	952	0	0
U. Hawaii, Maui C.	530	951	0	0	47	0	736	138	30
Coastal Carolina U.	531	948	131	107	68	4	216	0	422
Calvin U.	532	942	173	1	120	10	381	0	257
Alfred U.	533	939	152	178	0	5	603	0	1
Pomona C.	534	930	110	0	200	62	558	0	0
U. Texas, Tyler	535	929	379	0	211	0	231	69	39
U. Ana G. Mendez, Gurabo	536	926	0	365	58	0	201	0	302
CUNY, York C.	537	922	15	154	310	124	319	0	0
Vassar C.	538	918	15	0	269	31	603	0	0
U. Wisconsin-Eau Claire	539	909	0	65	233	19	592	0	0
Willamette U.	540	896	0	0	106	0	770	0	20
U. Wisconsin-La Crosse	541	895	26	0	56	25	410	0	378
Keene State C.	542	894	0	0	654	21	218	0	1
U. Wisconsin-Green Bay	543	876	127	53	475	26	110	9	76

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
U. Houston-Clear Lake	544	865	0	0	111	139	130	0	485
Pepperdine U.	545	835	78	0	221	0	416	0	120
Abilene Christian U.	546	827	0	638	0	45	74	0	70
SUNY, C. Plattsburgh	547	824	0	0	279	22	92	0	431
American Samoa Community C.	548	815	0	0	0	0	0	815	0
La Sierra U.	549	812	0	0	0	0	0	0	812
Southeastern Louisiana U.	550	795	0	0	274	11	130	0	380
Fielding Graduate U.	551	791	0	0	0	0	640	0	151
Eastern Washington U.	552	775	0	217	125	0	131	0	302
Erikson Institute	553	772	0	0	190	0	42	0	540
CUNY, system office	554	768	0	0	0	0	768	0	0
U. Hartford	555	766	36	0	49	544	129	0	8
Pittsburg State U.	556	759	0	0	127	47	56	62	467
Hobart and William Smith Colleges	557	758	0	0	0	0	165	87	506
Milwaukee School of Engineering	558	751	0	31	311	0	385	0	24
Colby C.	559	750	0	0	150	15	585	0	0
Mercyhurst U.	560	745	i 71	i 20	i 562	i 18	i 52	i 2	i 20
Northwestern State U. Louisiana	561	738	0	0	0	0	0	0	738
Grambling State U.	562	731	50	0	0	0	386	0	295
Biola U.	563	714	i 113	i 28	i 463	i 12	i 72	i 3	i 23
Southern Connecticut State U.	564	713	0	0	186	133	220	47	127
Lewis and Clark C.	565	702	0	126	43	0	533	0	0
Northland C.	566	697	i 26	i 0	i 286	i 13	i 288	i 5	i 79
Ithaca C.	567	685	0	0	286	132	266	0	1
Mills C.	568	683	0	0	0	0	275	0	408
Sacred Heart U.	569	675	0	0	0	0	201	0	474
Central Connecticut State U.	570	663	0	0	80	105	76	25	377
U. California, Office of the President	571	653	0	12	0	0	5	138	498
Claremont McKenna C.	572	637	59	0	191	21	349	0	17
Franklin W. Olin C. of Engineering	573	636	8	0	23	47	479	0	79
Suffolk U.	574	634	0	0	438	66	130	0	0
Macalester C.	575	617	0	0	149	6	445	17	0
West Chester U. Pennsylvania	576	608	199	0	106	24	274	0	5
Austin Peay State U.	577	597	263	0	0	50	86	0	198

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Canisius C.	577	597	4	0	160	0	173	9	251
Dordt U.	579	594	0	0	205	0	389	0	0
Indiana State U.	580	582	0	56	8	13	130	0	375
St. Cloud State U.	581	577	182	0	6	0	304	0	85
Minnesota State U., Mankato	582	575	0	0	90	9	331	0	145
Providence C.	583	574	0	0	104	0	470	0	0
Albany State U.	584	552	18	57	4	14	254	81	124
California State U., Maritime Academy	585	548	0	0	0	0	548	0	0
Edward Via C. of Osteopathic Medicine	586	537	26	0	500	0	11	0	0
Eastern Kentucky U.	587	530	0	0	113	0	293	6	118
National U. of Natural Medicine	588	523	0	0	523	0	0	0	0
Lafayette C.	589	508	99	0	105	16	286	2	0
Oberlin C.	590	505	0	0	132	0	373	0	0
Sul Ross State U.	590	505	i 0	i 0	i 0	i 0	i 0	i 94	i 411
SUNY, C. Brockport	592	500	0	0	4	24	89	7	376
U. North Georgia	593	497	9	0	0	336	133	17	2
Stockton U.	594	486	0	0	25	0	1	152	308
Des Moines U.	595	485	i 0	i 0	i 312	i 0	i 1	i 0	i 172
U. of Mary Washington	595	485	19	0	0	0	223	0	243
Fort Hays State U.	597	482	0	0	227	0	90	7	158
Florida Polytechnic U.	598	459	0	173	65	1	220	0	0
Connecticut C.	599	439	69	0	291	0	79	0	0
West Virginia School of Osteopathic Medicine	600	423	0	0	423	0	0	0	0
SUNY, Oswego	601	415	0	0	57	0	117	0	241
U. North Carolina, general administration	602	408	408	0	0	0	0	0	0
Purdue U., Fort Wayne	603	401	123	0	0	5	207	19	47
Manhattan C.	604	397	0	0	221	0	176	0	0
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	605	376	0	319	0	0	57	0	0
Arcadia U.	606	371	0	0	94	0	86	0	191
Northern Michigan U.	607	366	0	0	49	0	211	0	106
Kean U.	608	362	0	0	18	0	224	0	120
Kettering U.	609	353	0	0	0	0	17	0	336
U. Wisconsin-Platteville	609	353	i 107	i 16	i 67	i 6	i 68	i 54	i 35

TABLE 26

## Federally financed higher education R&amp;D expenditures, ranked by all federal R&amp;D expenditures, by federal agency: FY 2021

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other <sup>a</sup>
Grinnell C.	611	344	0	0	0	0	344	0	0
Marshall B. Ketchum U.	612	343	i 39	i 0	i 286	i 0	i 7	i 1	i 10
U. Massachusetts, central office	613	342	0	0	127	0	70	0	145
Indiana U., South Bend	614	337	0	0	0	0	336	0	1
Marymount U.	614	337	0	0	163	0	174	0	0
Philadelphia C. of Osteopathic Medicine	616	318	0	0	318	0	0	0	0
Heidelberg U.	617	308	0	0	0	0	0	175	133
C. Wooster	618	300	i 66	i 0	i 78	i 0	i 146	i 5	i 5
Pratt Institute	619	294	0	0	0	19	194	34	47
Albion C.	620	289	i 0	i 0	i 0	i 117	i 74	i 0	i 98
Hamilton C.	621	286	0	0	0	60	199	0	27
Lawrence Technological U.	622	284	66	0	0	0	93	0	125
St. Olaf C.	623	271	0	0	5	0	236	0	30
Andrews U.	624	256	0	0	0	174	82	0	0
U. San Francisco	625	255	0	0	0	84	131	0	40
Oregon Institute of Technology	626	252	80	i 14	i 67	i 13	i 37	i 8	i 33
Rhode Island School of Design	627	250	i 0	i 2	i 30	i 2	i 49	i 4	i 163
Jacksonville State U.	628	245	0	0	0	0	37	0	208
Lipscomb U.	629	222	0	0	0	3	161	0	58
Azusa Pacific U.	630	212	32	0	156	9	15	0	0
U. Wisconsin-River Falls	630	212	0	0	0	0	146	50	16
Alaska Pacific U.	632	189	0	0	0	64	86	29	10
Framingham State U.	633	188	i 108	i 0	i 0	i 0	i 11	i 69	i 0
Monmouth U.	634	174	16	0	0	0	27	0	131
U. Minnesota, Morris	635	162	0	0	0	0	140	0	22
Wheaton C., Wheaton	636	148	0	20	53	0	75	0	0
Fairfield U.	637	147	0	0	0	17	113	17	0
Elon U.	638	138	0	0	63	0	75	0	0
Liberty U.	639	120	0	75	45	0	0	0	0
U. Michigan, Flint	640	113	0	0	53	0	0	0	60
Eastern Connecticut State U.	641	108	0	0	0	6	100	0	2
Roseman U. of Health Sciences	642	53	0	0	53	0	0	0	0
C. of Saint Benedict	643	46	i 3	i 0	i 19	i 0	i 20	i 0	i 4
Niagara U.	644	34	0	0	0	0	0	0	34

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 \$1,881,568 thousand in federally financed R&D expenditures in FY 2021.

<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 2021 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2021.