

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
All institutions	-	46,143,829	7,080,598	2,037,915	25,397,976	1,758,375	5,414,611	1,244,633	3,209,721
Johns Hopkins U. ^b	1	2,682,410	1,373,241	12,481	693,055	382,439	36,694	1,517	182,983
U. Washington, Seattle	2	1,024,195	89,508	34,131	673,867	22,183	125,722	7,016	71,768
U. Michigan, Ann Arbor	3	884,880	77,782	39,304	613,008	28,557	89,821	1,809	34,599
Georgia Institute of Technology	4	790,518	580,258	18,409	42,077	12,350	67,630	856	68,938
Columbia U. in the City of New York	5	762,289	47,328	21,289	579,119	18,833	86,265	48	9,407
Stanford U.	6	751,414	69,428	24,507	551,284	17,289	78,681	319	9,906
U. California, San Diego	7	727,289	119,510	30,822	442,934	10,676	88,909	1,115	33,323
U. Pennsylvania	8	721,308	57,517	9,131	592,887	3,957	43,067	830	13,919
Duke U.	9	707,746	65,776	17,100	570,531	2,872	34,439	719	16,309
U. North Carolina, Chapel Hill	10	706,145	19,056	5,847	556,113	2,522	40,535	2,886	79,186
U. Pittsburgh, Pittsburgh	11	689,273	48,018	10,781	587,352	2,117	28,642	74	12,289
U. Maryland ^c	12	689,125	100,321	18,488	339,488	68,963	56,545	24,124	81,196
U. California, San Francisco	13	676,331	36,517	1,107	624,363	623	8,151	0	5,570
U. California, Los Angeles	14	655,030	49,615	28,888	466,272	23,858	59,478	384	26,535
Pennsylvania State U., University Park and Hershey Medical Center	15	638,930	330,115	33,203	142,227	17,901	65,585	33,490	16,409
U. Wisconsin-Madison	16	632,558	37,336	69,108	364,173	13,109	89,371	22,764	36,697
Harvard U.	17	605,603	63,252	16,016	452,679	9,824	48,684	196	14,952
Yale U.	18	585,170	25,104	10,864	507,423	3,984	27,645	119	10,031
U. Southern California	19	562,120	130,708	8,018	348,029	2,874	56,035	449	16,007
Cornell U.	20	562,021	47,799	23,795	316,779	8,724	110,447	39,077	15,400
Washington U., Saint Louis	21	559,882	15,787	6,569	506,937	7,150	21,551	122	1,766
Ohio State U.	22	539,359	38,504	27,688	309,204	9,913	57,879	37,563	58,608
Northwestern U.	23	531,654	43,595	22,672	402,269	3,457	49,659	448	9,554
Texas A&M U., College Station and Health Science Center	24	517,489	40,392	33,824	230,038	9,219	108,498	39,135	56,383
Vanderbilt U. and Vanderbilt U. Medical Center	25	514,299	31,004	12,422	428,884	2,185	23,791	802	15,211
U. Minnesota, Twin Cities	26	514,092	33,686	22,855	337,054	8,609	66,439	31,472	13,977
U. Texas, Austin	27	500,409	178,548	43,372	88,179	15,134	144,693	489	29,994
Massachusetts Institute of Technology	28	488,741	134,685	66,436	134,831	36,610	98,283	0	17,896

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Icahn School of Medicine at Mount Sinai	29	480,452	27,216	0	449,744	816	1,274	0	1,402
Emory U.	30	452,636	14,235	2,025	416,675	1,584	12,065	166	5,886
New York U.	31	448,850	21,608	4,453	368,652	1,033	40,824	854	11,426
U. Colorado Boulder	32	427,869	40,468	25,970	56,267	126,185	82,731	1,705	94,543
U. Alabama, Birmingham	33	400,110	37,281	5,945	332,215	11,153	6,680	74	6,762
U. Florida	34	397,202	33,813	16,627	211,978	7,064	48,114	43,720	35,886
U. Illinois, Urbana-Champaign	35	387,853	52,163	75,459	78,416	8,430	127,552	18,648	27,185
U. California, Davis	36	380,965	19,757	15,436	235,290	4,579	36,165	35,042	34,696
Case Western Reserve U.	37	357,589	14,648	5,277	323,192	4,049	9,097	274	1,052
U. Chicago	38	352,447	24,834	9,697	258,415	6,542	47,157	0	5,802
U. California, Berkeley	39	349,989	39,226	43,606	138,471	38,006	68,052	3,129	19,499
U. Colorado Denver and Anschutz Medical Campus	40	348,724	12,993	0	319,196	506	5,745	123	10,161
Indiana U., Bloomington	41	343,876	15,214	5,922	265,696	952	43,122	531	12,439
Boston U.	42	339,172	20,249	6,403	261,969	8,621	32,444	560	8,926
Michigan State U.	43	329,748	15,237	86,992	80,965	3,865	78,931	32,081	31,677
U. Arizona	44	328,807	29,232	9,821	148,731	60,541	48,163	15,712	16,607
Oregon Health and Science U.	45	321,572	13,163	135	304,884	207	1,849	82	1,252
California Institute of Technology	46	316,519	34,756	20,937	81,136	76,296	96,277	0	7,117
Baylor C. of Medicine	47	315,101	15,890	0	262,649	19,410	1,803	14,847	502
U. Utah	48	314,023	30,944	24,872	215,237	3,718	34,587	635	4,030
Rutgers, State U. New Jersey, New Brunswick	49	311,743	14,023	10,951	186,903	3,690	44,032	25,408	26,736
U. Virginia, Charlottesville	50	300,348	41,234	13,533	188,838	4,580	31,618	1,292	19,253
U. Rochester	51	296,241	13,201	83,859	180,292	1,729	16,881	157	122
Colorado State U., Fort Collins	52	287,100	96,624	15,198	47,156	8,518	29,078	42,736	47,790
U. Cincinnati	53	285,899	13,220	2,295	252,177	582	7,959	63	9,603
Arizona State U.	54	278,150	45,400	16,407	59,939	58,226	69,146	2,000	27,032
Purdue U., West Lafayette	55	270,605	45,016	28,811	66,259	9,935	70,426	21,983	28,175
U. Iowa	56	259,639	14,506	3,249	207,042	11,649	9,691	798	12,704
Scripps Research Institute	57	243,502	2,606	153	236,093	304	3,550	0	796
U. Texas Southwestern Medical Center	58	242,679	7,973	109	230,283	2,090	1,482	0	742
Utah State U.	59	242,156	153,330	3,749	9,460	30,067	7,940	11,169	26,441

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. California, Irvine	60	241,734	14,181	15,400	150,368	8,078	45,598	146	7,963
Uniformed Services U. of the Health Sciences	61	235,202	218,434	0	16,526	0	0	0	242
North Carolina State U.	62	232,110	35,434	38,530	35,769	2,939	55,600	40,652	23,186
U. Miami	63	224,184	14,610	1,020	167,054	3,537	10,214	26	27,723
U. Illinois, Chicago	64	223,030	10,406	7,080	170,807	1,284	21,625	374	11,454
Carnegie Mellon U.	65	217,625	90,117	16,129	35,063	3,094	59,177	538	13,507
Virginia Polytechnic Institute and State U.	66	210,792	49,263	24,180	38,223	4,951	46,235	18,511	29,429
Albert Einstein C. of Medicine	67	204,635	4,693	0	199,660	0	0	0	282
Princeton U.	68	203,259	30,324	19,178	58,191	15,145	68,930	271	11,220
U. Kentucky	69	200,664	7,198	11,563	142,692	1,662	15,661	13,226	8,662
SUNY, U. Buffalo	70	200,155	37,862	5,248	115,134	692	30,334	280	10,605
U. Massachusetts, Medical School	71	192,938	6,772	0	183,561	0	857	369	1,379
Woods Hole Oceanographic Institution	72	191,186	55,879	2,359	1,352	6,640	105,458	16	19,482
U. Texas M. D. Anderson Cancer Center	73	186,488	7,839	0	176,515	438	734	28	934
Brown U.	74	185,676	19,546	5,935	126,373	3,539	25,460	0	4,823
U. Kansas	75	185,007	7,246	4,046	124,882	1,838	18,369	849	27,777
U. Oklahoma, Norman and Health Science Center	76	183,728	9,809	5,658	73,735	33,581	12,520	1,354	47,071
U. Georgia	77	171,351	3,039	12,910	81,511	1,340	28,103	30,754	13,694
Oregon State U.	78	167,494	18,278	16,185	24,499	6,593	47,950	30,810	23,179
Wake Forest U.	79	166,596	16,115	352	144,220	967	2,484	153	2,305
Iowa State U.	80	165,912	12,666	33,159	23,498	1,873	29,570	35,066	30,080
U. Connecticut	81	164,848	13,660	6,731	93,640	1,647	24,383	5,757	19,030
U. Hawaii, Manoa	82	163,694	29,458	5,441	46,924	14,141	29,444	10,321	27,965
Florida State U.	83	162,296	17,546	10,788	43,151	3,919	63,396	1,160	22,336
U. New Mexico	84	161,627	20,057	11,452	91,018	2,623	29,197	588	6,692
U. South Florida, Tampa	85	158,958	4,148	2,180	101,327	2,984	12,607	688	35,024
George Washington U.	86	157,533	7,873	4,603	119,565	1,282	14,795	305	9,110
U. Missouri, Columbia	87	156,190	17,161	5,582	73,447	645	18,313	20,423	20,619
Washington State U.	88	154,623	8,962	19,553	49,065	1,104	17,807	36,033	22,099
Temple U.	89	154,600	9,097	4,990	121,646	905	11,136	80	6,746
U. Dayton	90	154,101	90,417	4,142	236	991	899	10	57,406
Medical U. South Carolina	91	153,802	2,640	0	138,140	0	622	0	12,400

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Virginia Commonwealth U.	92	152,751	13,929	2,231	114,538	545	7,586	86	13,836
Tufts U.	93	148,320	11,639	2,172	78,768	1,385	14,208	14,929	25,219
SUNY, Stony Brook U.	94	146,478	6,009	21,900	74,364	2,911	36,027	123	5,144
U. Delaware	95	144,142	18,040	13,993	41,787	4,276	31,843	5,316	28,887
Dartmouth C. and Dartmouth Hitchcock Medical Center	96	142,219	8,404	2,756	106,809	4,757	17,832	557	1,104
U. Tennessee, Knoxville ^d	97	138,402	13,702	60,980	8,533	4,731	23,561	16,486	10,409
Northeastern U.	98	136,273	32,845	4,041	44,959	826	40,700	20	12,882
U. Texas Health Science Center, Houston	99	133,624	7,857	0	120,716	216	1,179	2,051	1,605
Medical C. Wisconsin	100	128,783	6,418	0	118,331	562	356	0	3,116
U. California, Santa Barbara	101	123,198	34,900	14,629	17,409	5,053	44,669	410	6,128
Mississippi State U.	102	120,616	35,757	6,205	11,112	1,050	9,986	29,349	27,157
U. Massachusetts, Amherst	103	116,170	16,361	5,775	34,939	3,347	38,314	8,480	8,954
U. Central Florida	104	114,575	35,966	6,666	19,042	8,869	22,704	1,067	20,261
U. Texas Medical Branch	105	114,103	6,042	0	105,937	1,108	494	6	516
Wayne State U.	106	113,137	6,346	2,034	92,303	154	8,358	333	3,609
U. Nebraska, Lincoln	107	107,299	8,390	10,041	25,370	585	28,026	20,474	14,413
Tulane U.	108	107,290	4,274	774	88,504	84	5,614	47	7,993
U. Nebraska, Medical Center	109	105,158	5,403	0	97,199	116	861	376	1,203
U. Alabama, Huntsville	110	104,288	61,157	416	578	27,270	8,210	189	6,468
George Mason U.	111	104,070	60,459	527	9,327	6,947	11,173	153	15,484
U. Notre Dame	112	104,030	26,047	14,028	25,188	1,016	27,578	272	9,901
Florida International U.	113	103,366	10,180	6,827	36,501	1,212	24,368	1,172	23,106
U. Texas Health Science Center, San Antonio	114	102,959	7,444	0	91,671	317	53	0	3,474
U. Alaska, Fairbanks	115	101,414	10,747	5,453	8,139	20,627	32,660	1,979	21,809
U. New Hampshire	116	100,373	4,758	2,999	19,871	20,865	18,563	8,822	24,495
Georgetown U.	117	98,682	9,875	1,197	68,060	3,689	6,952	0	8,909
U. Vermont	118	97,981	2,321	1,175	69,411	1,278	10,774	10,145	2,877
U. South Carolina, Columbia	119	97,143	4,488	8,836	54,660	3,619	16,712	378	8,450
Montana State U., Bozeman	120	93,759	28,685	3,351	21,729	6,803	12,179	11,034	9,978
U. California, Riverside	121	92,503	6,934	8,395	30,883	3,057	24,384	12,507	6,343

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Rice U.	122	88,768	19,702	7,998	18,786	3,525	36,060	179	2,518
U. Louisville	123	88,251	3,236	951	73,563	463	7,586	6	2,446
Louisiana State U., Baton Rouge	124	87,895	9,664	6,397	31,189	3,551	15,899	8,545	12,650
Rockefeller U.	125	86,280	2,561	0	81,391	0	2,131	32	165
New Jersey Institute of Technology	126	85,746	20,760	645	17,730	3,302	9,925	436	32,948
Drexel U.	127	82,576	7,803	2,338	51,587	480	13,275	1,336	5,757
U. Mississippi	128	82,361	9,899	654	51,423	535	4,426	6,060	9,364
Clemson U.	129	82,203	5,394	7,990	15,201	1,547	18,435	4,869	28,767
U. Oregon	130	81,278	3,325	5,534	42,851	803	15,062	499	13,204
West Virginia U.	131	79,657	4,636	15,101	32,046	4,020	10,599	7,612	5,643
Kansas State U.	132	79,100	4,948	8,040	15,066	528	14,852	24,157	11,509
Georgia State U.	133	78,199	2,517	2,518	54,675	674	8,620	412	8,783
U. California, Santa Cruz	134	76,468	4,135	4,289	37,603	3,449	15,818	951	10,223
Thomas Jefferson U.	135	74,676	3,229	159	70,883	132	0	47	226
Auburn U., Auburn	136	73,468	10,945	5,006	16,001	6,019	9,435	12,104	13,958
U. Houston	137	71,779	4,371	6,376	33,269	3,765	16,703	143	7,152
U. Arkansas for Medical Sciences	138	70,508	931	0	68,271	339	360	41	566
U. Rhode Island	139	67,242	4,913	1,262	19,303	1,031	18,523	5,328	16,882
SUNY, U. Albany	140	67,039	2,724	555	48,378	539	8,569	287	5,987
Rush U.	141	65,343	457	0	64,886	0	0	0	0
U. Nevada, Reno	142	64,793	5,334	5,361	26,180	1,478	10,997	6,038	9,405
Cold Spring Harbor Laboratory	143	62,215	917	1,880	50,792	0	6,631	1,785	210
U. Montana, Missoula	144	62,067	2,296	473	30,733	2,566	12,725	5,802	7,472
New Mexico State U.	145	60,971	19,336	6,159	7,544	4,170	11,316	9,204	3,242
U. Maryland, Baltimore County	146	59,391	3,410	294	15,355	25,503	11,350	534	2,945
U. Wyoming	147	57,353	1,800	7,547	13,053	1,066	19,828	7,435	6,624
U. Texas, Dallas	148	55,983	13,592	3,198	24,730	1,289	12,782	0	392
Augusta U.	149	55,797	1,380	0	52,952	0	208	0	1,257
Colorado School of Mines	150	55,560	9,593	20,441	2,785	2,160	16,181	600	3,800
U. Maine	151	54,376	12,392	2,708	2,495	809	11,554	15,677	8,741
Cleveland State U.	152	53,756	3,490	436	47,469	490	1,456	0	415
Wichita State U.	153	53,540	23,795	270	5,412	1,795	1,398	113	20,757
Rensselaer Polytechnic Institute	154	52,150	10,332	12,839	11,326	2,624	12,507	240	2,282
Naval Postgraduate School	155	51,870	46,777	772	29	773	1,449	0	2,070
U. Idaho	156	51,450	1,915	5,330	8,897	2,700	14,093	14,375	4,140

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Tennessee, Health Science Center	157	48,264	2,943	0	44,904	0	60	0	357
U. Arkansas, Fayetteville	158	47,454	4,854	6,344	3,805	1,078	13,559	13,303	4,511
U. Texas, Arlington	159	44,950	8,647	2,863	9,470	1,568	9,087	160	13,155
U. North Dakota	160	44,153	1,863	18,047	15,079	2,095	3,889	1,936	1,244
U. Alabama, Tuscaloosa	161	43,017	6,693	4,496	7,514	1,391	10,698	558	11,667
U. Southern Mississippi	162	42,870	11,057	748	6,315	1,389	4,231	1,158	17,972
Brandeis U.	163	41,440	545	1,540	32,395	72	6,511	0	377
U. Massachusetts, Lowell	164	41,304	17,086	3,035	10,650	1,856	5,669	147	2,861
San Diego State U.	165	41,117	3,318	1,500	26,500	760	7,132	201	1,706
U. Louisiana, Lafayette	166	40,044	634	1,223	18,677	555	3,670	339	14,946
Oklahoma State U., Stillwater	167	39,873	2,798	3,982	9,307	782	8,336	8,853	5,815
Northern Arizona U.	168	39,387	6,850	1,870	9,638	3,669	9,101	4,379	3,880
U. Texas, El Paso	169	39,126	2,802	2,279	14,008	2,808	10,527	1,260	5,442
Michigan Technological U.	170	36,172	12,512	4,788	2,894	4,496	6,007	1,559	3,916
Wright State U.	171	35,321	25,512	76	7,076	264	764	141	1,488
Saint Louis U.	172	34,419	1,763	311	26,777	62	4,139	79	1,288
U. Texas, San Antonio	173	34,334	4,451	1,503	13,096	1,722	6,456	625	6,481
San Jose State U.	174	34,102	1,044	230	2,047	21,470	2,399	288	6,624
U.S. Air Force Academy	175	33,554	33,115	0	0	103	90	0	246
Stevens Institute of Technology	176	33,461	21,663	294	1,813	286	5,515	0	3,890
Florida A&M U.	177	33,136	663	1,772	5,428	165	4,114	8,820	12,174
Syracuse U.	178	31,861	3,044	2,029	9,089	315	12,593	858	3,933
Indiana U.-Purdue U., Indianapolis	179	31,622	1,315	1,035	18,771	95	6,840	200	3,366
North Dakota State U.	180	31,614	1,413	256	6,822	134	6,758	11,153	5,078
Mercer U.	181	31,572	29,687	0	1,821	29	35	0	0
Texas Tech U.	182	31,475	6,022	3,878	5,923	2,102	7,778	2,095	3,677
Louisiana State U., Health Sciences Center, New Orleans	183	31,381	145	0	30,914	0	66	0	256
Portland State U.	184	31,315	2,512	871	11,165	1,500	6,868	945	7,454
Boston C.	185	31,038	3,386	620	16,628	285	6,491	0	3,628
William & Mary	186	30,436	2,057	2,091	1,787	436	7,153	155	16,757
Old Dominion U.	187	30,330	7,549	4,368	5,519	2,488	5,985	223	4,198
CUNY, City C.	188	30,106	1,893	1,380	8,554	1,864	10,122	5	6,288
Howard U.	189	29,256	2,569	225	20,121	188	4,974	0	1,179

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Nevada, Las Vegas	190	29,252	1,403	2,776	10,929	1,600	4,897	2,033	5,614
Rochester Institute of Technology	191	28,092	6,494	1,767	4,649	2,364	10,792	26	2,000
SUNY, Polytechnic Institute	192	27,998	22,879	1,788	1,235	28	1,456	0	612
U. Toledo	193	27,770	2,828	1,146	13,084	4,363	3,814	605	1,930
U. North Carolina, Charlotte	194	27,618	4,714	2,325	5,158	213	11,143	4	4,061
U. Massachusetts, Boston	195	27,575	827	50	10,419	754	4,408	0	11,117
U. Puerto Rico, Medical Sciences Campus	196	27,033	0	0	24,411	136	1,328	0	1,158
Texas State U.	197	26,950	3,102	56	3,813	4,011	3,232	445	12,291
Boise State U.	198	26,914	2,338	4,568	4,719	1,570	9,894	831	2,994
Lehigh U.	199	26,816	3,470	3,882	4,605	69	12,443	14	2,333
SUNY, Downstate Medical Center	200	26,454	946	0	25,020	0	358	0	130
Worcester Polytechnic Institute	201	26,074	6,870	1,706	4,317	169	10,551	185	2,276
CUNY, Hunter C.	202	26,025	342	424	21,271	47	3,483	0	458
U. North Texas, Health Science Center	203	25,917	548	0	23,466	306	38	33	1,526
U. Wisconsin-Milwaukee	204	25,354	616	2,367	9,505	181	10,529	216	1,940
U. Denver	205	24,753	588	0	16,293	553	3,099	0	4,220
Brigham Young U., Provo	206	24,632	4,112	2,334	6,857	1,553	7,547	483	1,746
SUNY, Binghamton U.	207	24,564	5,485	2,229	8,308	0	7,577	0	965
Illinois Institute of Technology	208	24,244	970	3,673	11,470	611	6,490	466	564
Loyola U., Chicago	209	24,018	1,041	0	20,003	40	1,522	199	1,213
SUNY, Upstate Medical U.	210	23,940	1,715	0	21,976	0	61	20	168
Florida Atlantic U.	211	23,695	3,964	393	7,931	515	4,130	857	5,905
U. Nebraska, central administration	212	23,104	21,430	0	0	0	1,674	0	0
New Mexico Institute of Mining and Technology	213	22,922	7,835	4,968	560	804	7,040	0	1,715
Missouri U. of Science and Technology	214	22,860	4,238	4,746	428	927	7,046	408	5,067
Air Force Institute of Technology	215	22,854	21,467	208	0	16	0	0	1,163
South Dakota State U.	216	22,531	435	234	3,551	1,029	2,635	11,354	3,293

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Catholic U. of America	217	22,503	363	5,027	2,341	11,992	1,823	0	957
Morehouse School of Medicine	218	22,500	0	0	22,489	0	11	0	0
North Carolina Agricultural and Technical State U.	219	22,338	3,140	1,653	1,721	608	8,725	4,600	1,891
U. Missouri, Kansas City	220	22,320	6,854	130	12,774	267	1,468	0	827
U. South Alabama	221	21,825	359	919	12,181	399	3,510	306	4,151
U. North Carolina, Greensboro	222	20,447	402	0	8,494	63	2,468	569	8,451
East Carolina U.	223	20,168	1,176	34	11,380	99	3,850	93	3,536
U. California, Merced	224	20,000	3,018	2,023	5,330	890	7,204	1,252	283
Van Andel Research Institute	225	18,538	730	184	17,588	0	36	0	0
U. Memphis	226	18,063	1,028	126	7,826	134	3,627	36	5,286
Southern Methodist U.	227	17,752	4,503	2,899	3,207	829	4,626	0	1,688
Loma Linda U.	228	17,457	i 2,331 i	0 i	13,112 i	1,975 i	0 i	0 i	39 i
California State U., Northridge	229	17,261	1,316	189	8,733	609	5,291	285	838
San Francisco State U.	230	16,331	i 331 i	256 i	10,040 i	3 i	4,221 i	19 i	1,461 i
Rutgers, State U. New Jersey, Newark	231	16,196	1,634	515	8,018	0	5,446	29	554
American U.	232	16,123	1,092	42	3,228	3,211	1,121	174	7,255
U. Puerto Rico, Mayaguez	233	15,842	884	246	1,275	269	5,805	626	6,737
Desert Research Institute	234	15,791	5,097	5,184	308	1,375	1,163	634	2,030
Eastern Virginia Medical School	235	15,748	646	0	6,864	507	0	0	7,731
Rowan U.	236	15,551	4,659	11	7,469	163	1,865	86	1,298
Ohio U.	237	15,543	1,061	2,560	5,003	437	2,372	461	3,649
U. Maryland Center for Environmental Science	238	15,498	955	9	44	752	4,079	330	9,329
U. Alaska, Anchorage	239	15,290	2,078	8	2,987	186	2,726	163	7,142
Tuskegee U.	240	15,122	217	0	3,394	6	5,718	5,475	312
Kent State U.	241	15,004	1,081	1,487	6,507	216	4,082	8	1,623
Morgan State U.	242	14,101	1,572	0	4,554	3,707	2,357	52	1,859
U. Puerto Rico, Rio Piedras	243	14,071	276	0	4,732	1,287	5,862	547	1,367
Jackson State U.	244	13,662	645	271	2,660	35	7,733	0	2,318
U. North Texas, Denton	245	13,653	2,320	2,340	2,057	722	5,024	174	1,016
U. Hawaii, system office	246	13,367	11,673	0	0	0	0	0	1,694

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Texas A&M U.-Corpus Christi	247	13,349	91	73	771	1,878	1,538	17	8,981
Marquette U.	248	13,187	380	600	8,251	124	3,318	127	387
Western Michigan U. and Homer Stryker M.D. School of Medicine	248	13,187	451	140	2,520	464	3,071	16	6,525
U. Texas Rio Grande Valley	250	13,093	1,209	23	5,932	16	3,117	1,905	891
Texas Tech U., Health Sciences Center	251	13,043	792	0	12,126	0	87	0	38
U. South Dakota	252	13,034	247	270	8,010	38	4,124	0	345
Albany Medical C.	253	12,940	357	0	12,583	0	0	0	0
North Carolina Central U.	254	12,787	66	141	8,172	0	3,329	10	1,069
Southern Illinois U., Carbondale	255	12,735	824	177	6,021	55	1,495	1,327	2,836
CUNY, Queens C.	256	12,726	176	7,815	2,960	0	1,737	3	35
Delaware State U.	257	12,689	i 315	i 269	i 4,775	i 1,057	i 2,456	i 3,326	i 491
U.S. Naval Academy	258	12,577	11,379	0	0	25	1,173	0	0
Meharry Medical C.	259	12,573	6	0	12,317	0	0	0	250
U. West Florida	260	12,369	1,090	353	593	13	654	0	9,666
Missouri State U.	261	12,310	10,359	213	150	60	355	713	460
New York Medical C.	262	12,106	403	27	11,638	0	25	0	13
California State U., Long Beach	263	12,014	674	221	8,232	262	1,277	87	1,261
U. of the Virgin Islands	264	11,787	0	104	1,775	790	4,492	3,218	1,408
U. Baltimore	265	11,748	0	0	283	0	37	1	11,427
California State U., San Marcos	266	11,547	1,410	0	2,208	961	2,728	215	4,025
Embry-Riddle Aeronautical U.	267	11,542	602	54	12	1,050	1,502	153	8,169
Louisiana State U., Health Sciences Center, Shreveport	268	11,452	240	0	11,080	130	2	0	0
Hampton U.	269	11,278	1,370	836	1,603	4,577	2,892	0	0
Ponce Health Sciences U.	270	11,228	0	0	11,228	0	0	0	0
Marshall U.	271	11,078	341	49	8,770	95	1,358	0	465
Florida Institute of Technology	272	10,999	3,335	304	431	1,292	1,630	96	3,911
Northeast Ohio Medical U.	273	10,684	159	0	10,245	0	102	17	161
South Dakota School of Mines and Technology	274	10,659	2,319	1,802	331	964	4,404	229	610
U. Akron	275	10,574	2,779	405	1,359	687	4,671	3	670
Miami U.	276	10,473	1,314	545	3,187	163	3,820	52	1,392

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Nova Southeastern U.	277	10,452	5,165	0	2,591	0	158	0	2,538
California Polytechnic State U., San Luis Obispo	278	10,178	440	832	1,731	353	4,232	1,181	1,409
U. Nebraska, Omaha	279	9,996	1,475	8	3,915	476	2,739	0	1,383
Charles R. Drew U. of Medicine and Science	280	9,863	874	0	8,989	0	0	0	0
U. Guam	281	9,722	2,012	0	2,088	240	1,455	2,604	1,323
Xavier U. Louisiana	282	9,680	781	0	6,853	902	1,134	0	10
Texas A&M U.-Kingsville	283	9,610	380	55	1,324	35	992	4,530	2,294
Prairie View A&M U.	284	9,249	1,410	205	128	520	1,904	4,945	137
CUNY, Advanced Science Research Center	285	9,208	3,247	0	3,417	388	2,067	33	56
Langston U.	286	9,004	8	0	1,831	1,454	248	5,429	34
Baylor U.	287	8,851	1,073	998	3,007	111	2,841	665	156
CUNY, Graduate School of Public Health and Health Policy	288	8,722	0	0	7,506	0	154	52	1,010
Illinois State U.	289	8,719	0	0	1,734	0	2,173	388	4,424
Tennessee State U.	290	8,707	679	524	390	120	1,082	5,746	166
Rosalind Franklin U. of Medicine and Science	291	8,504	796	0	7,511	0	0	0	197
U.S. Military Academy	292	8,406	7,279	0	0	0	10	0	1,117
California State U., Los Angeles	293	8,380	252	98	3,161	1,031	2,673	15	1,150
U. Maryland, Eastern Shore	294	8,084	0	0	289	16	1,312	2,361	4,106
Northern Illinois U.	295	8,030	157	2,568	930	87	2,112	12	2,164
Chapman U.	296	7,850	1,378	105	4,377	203	1,264	293	230
Idaho State U.	297	7,849	45	3,310	835	240	2,935	128	356
SUNY, C. of Environmental Science and Forestry	298	7,809	130	454	346	44	759	1,529	4,547
U. Texas Health Science Center, Tyler	299	7,732	16	101	7,615	0	0	0	0
St. Edward's U.	300	7,700	0	45	335	383	4,490	615	1,832
Teachers C., Columbia U.	301	7,614	0	0	524	0	2,286	0	4,804
Creighton U.	302	7,583	730	208	5,599	160	560	28	298
Central Michigan U.	303	7,450	67	1,812	1,386	0	1,258	0	2,927
East Tennessee State U.	304	7,329	126	17	6,405	26	377	29	349

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Arkansas, Little Rock	305	7,289	3,787	365	474	919	986	142	616
Louisiana Tech U.	306	7,167	2,093	72	345	151	3,431	365	710
Norfolk State U.	307	7,148	2,355	2,920	23	0	1,823	0	27
Clarkson U.	308	7,095	1,461	184	360	62	3,433	134	1,461
Alcorn State U.	309	7,023	0	52	107	0	74	6,790	0
U. North Carolina, Wilmington	310	6,783	257	185	704	251	1,691	55	3,640
U. Massachusetts, Dartmouth	311	6,506	1,257	20	470	58	1,941	109	2,651
Tennessee Technological U.	312	6,471	1,044	1,326	28	121	2,457	512	983
U. Minnesota, Duluth	313	6,454	69	97	283	6	3,867	480	1,652
Bowling Green State U.	314	6,397	112	497	1,480	126	2,745	121	1,316
U. Missouri, Saint Louis	315	6,146	51	0	3,329	67	1,256	110	1,333
Naval War C.	316	5,944	5,944	0	0	0	0	0	0
California State U., San Bernardino	317	5,886	133	0	374	60	2,474	346	2,499
California State U., Sacramento	318	5,693	14	0	183	0	770	186	4,540
Alabama A&M U.	319	5,643	839	310	2,969	88	731	227	479
Virginia State U.	320	5,642	4	113	27	5	1,769	3,499	225
California State Polytechnic U., Pomona	321	5,514	5	0	857	49	2,908	327	1,368
U. South Florida, Saint Petersburg	322	5,344	0	0	641	0	144	230	4,329
Clark Atlanta U.	323	5,324	709	239	2,570	0	1,765	41	0
Florida Gulf Coast U.	324	5,304	59	0	898	140	1,173	0	3,034
CUNY, John Jay C. of Criminal Justice	325	5,297	45	68	1,713	0	703	0	2,768
U. Hawaii, Hilo	326	5,274	259	109	546	26	2,498	511	1,325
DePaul U.	327	5,156	14	14	2,805	126	2,037	0	160
Oakland U.	328	5,068	401	98	2,175	184	2,145	17	48
U. New England	329	5,064	0	256	3,951	0	609	131	117
Duquesne U.	330	4,981	456	0	2,714	0	718	0	1,093
Villanova U.	331	4,921	559	0	403	814	2,965	0	180
Morehouse C.	332	4,825	359	502	1,033	4	2,776	0	151
Fort Valley State U.	333	4,806	158	0	0	0	409	4,155	84
Sam Houston State U.	334	4,764	197	0	283	0	570	561	3,153
Arkansas State U., Jonesboro	335	4,712	55	0	702	11	1,938	1,217	789
U. Tulsa	336	4,697	1,948	675	148	187	1,161	11	567
CUNY, Brooklyn C.	337	4,651	0	0	2,529	0	1,275	59	788
National Defense U.	338	4,583	4,583	0	0	0	0	0	0
U. North Florida	339	4,568	129	66	1,854	23	806	126	1,564

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Winston-Salem State U.	340	4,498	0	0	1,596	0	1,729	53	1,120
California State U., Bakersfield	341	4,486	28	0	372	0	1,478	190	2,418
Western U. of Health Sciences	341	4,486	585	0	3,445	0	0	456	0
Kentucky State U.	343	4,456	0	0	0	0	157	4,299	0
Wellesley C.	344	4,441	0	0	1,894	633	1,511	0	403
U. Arkansas, Pine Bluff	345	4,393	180	0	106	245	62	3,790	10
Montana Technological U.	346	4,322	2,644	199	339	124	436	40	540
Wesleyan U.	347	4,305	1,002	0	834	608	1,355	0	506
U. Detroit Mercy	348	4,226	55	0	4,138	0	20	0	13
Tarleton State U.	349	4,139	0	0	0	0	4	3,822	313
Rhode Island C.	350	4,128	60	179	1,843	0	102	0	1,944
California State U., Fullerton	351	4,121	0	104	1,670	83	1,905	272	87
West Virginia State U.	352	3,993	0	80	62	0	495	2,458	898
Western Washington U.	353	3,966	4	274	658	159	2,412	38	421
Dakota State U.	354	3,957	1,067	0	13	0	1,605	0	1,272
U. Tennessee, Chattanooga	355	3,915	722	185	3	0	2,719	0	286
California State U., Monterey Bay	356	3,889	290	0	160	1,769	1,021	248	401
U. New Orleans	357	3,868	1,095	43	123	115	425	0	2,067
Fordham U.	358	3,831	382	0	2,238	0	703	0	508
Fisk U.	359	3,811	326	0	173	0	3,013	0	299
South Carolina State U.	360	3,796	0	751	1,175	70	1,572	124	104
Montclair State U.	361	3,782	0	0	1,008	227	2,222	108	217
U. of Health Sciences and Pharmacy in St. Louis	362	3,767	801	0	2,966	0	0	0	0
Lincoln U., Jefferson City	363	3,636	0	0	0	0	251	3,385	0
U. Colorado Colorado Springs	364	3,508	748	99	812	117	1,683	24	25
Southern Illinois U., Edwardsville	365	3,467	0	0	1,271	0	1,561	45	590
Clark U.	366	3,350	9	139	499	164	2,197	88	254
Youngstown State U.	367	3,308	2,717	0	61	26	298	0	206
Western Kentucky U.	368	3,265	14	70	977	201	1,264	430	309
CUNY, Lehman C.	369	3,197	1	170	1,432	71	1,472	28	23
Texas Christian U.	370	3,168	36	198	2,291	22	313	0	308
California State U., Fresno	371	3,117	0	0	760	184	1,345	477	351

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Central State U.	372	3,097	0	0	0	35	548	2,514	0
C. Charleston	373	3,087	0	24	205	1,423	756	136	543
U. Washington, Tacoma	374	3,075	139	12	536	39	674	18	1,657
Middle Tennessee State U.	375	3,062	98	0	179	23	1,292	547	923
Toyota Technological Institute, Chicago	376	3,038	852	0	345	0	1,841	0	0
MGH Institute of Health Professions	377	3,014	0	0	3,014	0	0	0	0
Pace U.	378	2,997	153	464	280	0	2,100	0	0
Southern U. and A&M C., Baton Rouge	379	2,996	396	0	185	223	1,847	122	223
Texas Southern U.	380	2,941	0	0	1,804	0	1,137	0	0
U. Washington, Bothell	381	2,815	158	0	182	53	1,959	7	456
Barnard C.	382	2,800	42	0	1,216	0	1,485	57	0
U. Central del Caribe	383	2,743	0	0	2,743	0	0	0	0
Seton Hall U.	384	2,725	0	0	539	0	0	0	2,186
Haverford C.	385	2,680	1,696	0	109	234	641	0	0
U. of the District of Columbia	386	2,664	648	0	0	340	756	879	41
Smith C.	387	2,650	33	13	663	0	1,482	150	309
Oklahoma State U., Center for Health Sciences	388	2,618	0	0	2,421	0	46	0	151
James Madison U.	389	2,609	35	97	904	39	1,018	15	501
Eastern Michigan U.	390	2,598	75	0	1,947	20	454	0	102
Pacific U.	391	2,596	0	0	1,564	8	987	1	36
Alabama State U.	392	2,582	183	59	631	0	1,176	0	533
CUNY, Graduate Center	393	2,561	0	0	567	10	1,984	0	0
California State U., Chico	394	2,520	503	21	215	0	1,139	191	451
Northwest Indian C.	395	2,497	0	0	1,044	439	776	224	14
Salisbury U.	396	2,413	0	0	393	0	383	64	1,573
U. North Carolina, Asheville	397	2,405	0	0	919	17	565	184	720
Humboldt State U.	398	2,399	0	0	0	0	967	453	979
U. San Diego	399	2,398	316	22	259	0	1,415	0	386
Ball State U.	400	2,397	19	8	1,060	17	623	15	655
California State U., East Bay	401	2,348	0	216	63	19	1,206	0	844
U. South Carolina, Aiken	402	2,328	0	1,339	464	72	0	0	453
CUNY, C. Staten Island	403	2,295	0	16	345	16	1,852	0	66

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Michigan, Dearborn	404	2,264	82	476	231	0	1,241	0	234
U. Southern Maine	405	2,231	0	0	2,098	0	37	4	92
Johnson C. Smith U.	406	2,230	0	0	382	15	649	0	1,184
U. Wisconsin-Stevens Point	407	2,193	43	0	0	0	58	489	1,603
Lamar U.	408	2,146	0	31	543	0	364	168	1,040
Spelman C.	409	2,136	0	0	360	0	1,776	0	0
Tougaloo C.	410	2,102	0	0	1,429	30	643	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	411	2,085	0	0	0	0	0	2,085	0
U. Louisiana, Monroe	412	2,025	0	0	1,688	10	31	72	224
Northeastern Illinois U.	413	2,018	0	0	1,122	0	803	93	0
Towson U.	414	2,010	562	0	132	0	659	181	476
Purdue U., Northwest	415	1,996	312	116	131	17	1,278	62	80
Kennesaw State U.	416	1,983	8	58	907	10	771	16	213
Bowie State U.	417	1,967	394	97	0	68	828	13	567
U. Oklahoma, Tulsa	418	1,953	0	0	846	0	882	0	225
Rutgers, State U. New Jersey, Camden	419	1,952	244	84	646	0	676	0	302
Albany C. of Pharmacy and Health Sciences	420	1,938	0	0	1,938	0	0	0	0
Murray State U.	421	1,929	0	0	234	0	1,609	43	43
Clafin U.	422	1,907	612	247	339	1	708	0	0
William Paterson U.	423	1,896	0	0	566	0	414	0	916
Bates C.	424	1,885	0	0	489	62	1,255	0	79
U. Northern Iowa	425	1,881	673	85	295	28	558	109	133
Bowdoin C.	426	1,862	0	0	550	409	830	0	73
U. Northern Colorado	427	1,853	13	0	218	30	712	13	867
Gallaudet U.	428	1,841	0	0	1,462	0	354	0	25
Grand Valley State U.	429	1,831	22	0	826	45	484	36	418
Skidmore C.	430	1,827	0	0	210	389	584	0	644
Saginaw Valley State U.	431	1,809	105	0	1,083	1	0	0	620
Reed C.	432	1,806	0	0	391	0	1,145	38	232
St. John's U., New York	433	1,805	83	0	1,377	0	345	0	0
Savannah State U.	434	1,804	582	138	416	0	375	0	293
Western Illinois U.	435	1,801	71	56	7	0	80	957	630
Georgia Southern U.	436	1,790	95	11	619	26	637	42	360

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Amherst C.	437	1,775	0	0	379	0	1,396	0	0
Harvey Mudd C.	438	1,748	0	0	0	22	1,525	0	201
Western Carolina U.	439	1,707	0	0	706	10	314	224	453
Texas Tech U., Health Sciences Center, El Paso	440	1,703	310	0	1,327	0	66	0	0
Central Washington U.	441	1,701	0	0	0	165	846	20	670
Texas Woman's U.	442	1,700	2	0	553	0	248	67	830
Hawaii Pacific U.	443	1,699	0	0	750	0	150	654	145
Bucknell U.	444	1,693	213	3	278	35	1,046	0	118
SUNY, C. of Optometry	445	1,688	0	0	1,688	0	0	0	0
Morehead State U.	446	1,674	0	288	493	824	57	12	0
U. Richmond	447	1,628	0	98	838	40	493	116	43
Troy U.	448	1,591	0	0	0	0	165	71	1,355
CUNY, New York City C. of Technology	449	1,585	183	0	343	159	900	0	0
Occidental C.	450	1,567	9	0	90	48	935	90	395
Winthrop U.	451	1,563	0	0	529	0	322	0	712
Touro U.	452	1,558	0	0	1,500	0	58	0	0
Middlebury C.	453	1,546	0	0	907	57	570	0	12
New York Institute of Technology	454	1,542	129	0	919	0	380	81	33
West Texas A&M U.	454	1,542	0	372	0	108	364	401	297
Bryn Mawr C.	456	1,531	672	55	129	0	649	0	26
Santa Clara U.	457	1,522	52	0	541	77	808	3	41
CUNY, York C.	458	1,513	20	181	835	164	313	0	0
CUNY, Baruch C.	459	1,470	263	275	35	37	779	0	81
Appalachian State U.	460	1,469	0	27	102	40	958	42	300
Northern Kentucky U.	461	1,462	0	0	755	203	216	0	288
Elizabeth City State U.	462	1,455	29	0	106	0	644	0	676
U. Central Oklahoma	463	1,444	57	0	616	0	396	60	315
Mount Holyoke C.	464	1,442	0	0	432	18	765	0	227
U. New Haven	465	1,440	312	118	0	20	595	0	395
California State U., Dominguez Hills	466	1,433	0	3	637	0	701	0	92
U. Central Arkansas	467	1,421	11	0	887	32	249	132	110
Davidson C.	468	1,411	0	54	741	0	459	0	157
Palmer C. of Chiropractic, Davenport	469	1,400	0	0	1,400	0	0	0	0
U. Houston-Downtown	470	1,392	0	0	28	0	392	0	972

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Wisconsin-Superior	471	1,382	9	0	1	9	30	0	1,333
U. of the Pacific	472	1,375	0	0	920	108	271	63	13
Christopher Newport U.	473	1,365	22	193	57	566	396	0	131
Long Island U.	474	1,349	0	0	1,001	0	113	235	0
Mills C.	475	1,341	0	0	0	0	390	0	951
U. Wisconsin-Oshkosh	476	1,336	209	69	711	56	187	21	83
Indiana U. Pennsylvania	477	1,309	0	175	111	15	327	581	100
Seattle U.	478	1,303	0	0	81	0	1,212	10	0
Black Hills State U.	479	1,287	0	0	504	2	697	0	84
California State U., Stanislaus	480	1,284	0	0	0	0	936	0	348
U. Puerto Rico, Humacao	481	1,279	0	0	421	202	529	0	127
Lewis and Clark C.	482	1,268	0	153	121	0	994	0	0
U. Nebraska, Kearney	483	1,259	0	0	785	26	236	0	212
Stephen F. Austin State U.	484	1,257	0	0	24	0	477	585	171
SUNY, Buffalo State	485	1,241	0	0	177	0	304	0	760
Carleton C.	486	1,236	0	0	86	22	1,052	0	76
Fort Lewis C.	487	1,228	64	102	165	28	696	116	57
Texas A&M U.-Commerce	488	1,226	0	144	0	71	599	62	350
Jacksonville State U.	489	1,216	3	0	0	0	27	0	1,186
Coastal Carolina U.	490	1,211	99	56	157	0	339	0	560
U. Puerto Rico, Cayey	491	1,210	0	0	1,074	0	88	0	48
Trinity U.	492	1,207	0	0	825	4	378	0	0
Franklin and Marshall C.	493	1,202	0	0	397	6	520	0	279
Dillard U.	494	1,200	646	0	173	16	180	0	185
Colorado State U., Pueblo	495	1,161	0	0	0	12	68	0	1,081
Hope C.	496	1,155	0	40	59	114	841	44	57
Eastern Washington U.	497	1,153	0	152	157	0	139	0	705
U. of the Sciences Philadelphia	498	1,126	0	0	923	0	203	0	0
Pomona C.	499	1,123	84	0	305	175	559	0	0
Keck Graduate Institute	500	1,113	116	4	897	7	55	3	31
Loyola Marymount U.	501	1,105	0	0	615	0	351	32	107
U. Alaska, Southeast	502	1,098	6	12	59	47	438	79	457
Williams C.	503	1,086	58	0	161	5	862	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Hobart and William Smith Colleges	504	1,072	0	0	0	0	368	153	551
Vassar C.	505	1,055	7	0	209	59	779	0	1
New School	506	1,050	157	59	18	0	752	0	64
Saint Joseph's U.	507	1,047	0	0	170	0	595	0	282
Roger Williams U.	508	1,045	0	0	214	13	374	34	410
Keene State C.	509	1,043	0	0	838	53	152	0	0
Swarthmore C.	510	1,041	0	20	318	72	546	21	64
New Mexico Highlands U.	511	1,034	0	0	104	0	930	0	0
Southern Connecticut State U.	512	1,026	219	0	318	160	260	22	47
Trinity C., Hartford	513	1,019	0	0	634	13	372	0	0
Fayetteville State U.	514	1,008	111	0	418	0	270	0	209
Erikson Institute	515	1,006	0	0	200	0	135	0	671
Hofstra U.	516	997	3	0	8	9	958	0	19
Texas A&M International U.	517	986	317	28	38	19	11	43	530
Ithaca C.	518	981	0	0	492	231	258	0	0
U. Illinois, Springfield	519	976	3	0	41	12	2	0	918
Doane U.	520	958	0	0	258	0	699	0	1
C. New Jersey	521	951	0	0	120	22	731	0	78
SUNY, C. Plattsburgh	522	950	82	0	277	93	87	0	411
SUNY, Geneseo	522	950	0	363	160	45	382	0	0
Indiana State U.	524	949	0	121	12	10	161	0	645
Alfred U.	525	947	597	193	0	7	97	0	53
U. Ana G. Mendez, Gurabo	526	946	0	0	418	0	163	0	365
Midwestern U.	527	936	0	0	640	0	47	21	228
Sonoma State U.	527	936	71	0	17	458	378	0	12
Colgate U.	529	918	62	0	71	170	555	0	60
Providence C.	530	913	0	0	95	0	818	0	0
National U. of Natural Medicine	531	912	0	0	912	0	0	0	0
Central Connecticut State U.	532	901	0	0	61	122	52	8	658
U. Wisconsin-Green Bay	533	890	131	53	442	33	124	38	69
Calvin U.	534	888	163	0	113	10	359	0	243
Liberty U.	535	886	0	23	44	0	419	0	400
CUNY, system office	536	884	78	0	0	0	806	0	0
Southeastern Louisiana U.	536	884	0	0	389	5	105	0	385
Stockton U.	538	872	0	0	39	5	0	46	782
U. of the Incarnate Word	539	869	531	0	14	0	324	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Hartford	540	854	20	0	15	585	228	0	6
Furman U.	541	847	0	0	430	10	403	4	0
Suffolk U.	542	844	0	0	584	76	156	0	28
Albany State U.	543	836	0	32	12	3	261	270	258
U. Wisconsin-La Crosse	544	817	14	0	65	21	318	0	399
Polytechnic U. Puerto Rico	545	813	244	0	0	0	569	0	0
Claremont Graduate U.	546	809	120	0	298	0	67	0	324
Colby C.	546	809	22	0	244	74	469	0	0
Salish Kootenai C.	548	802	0	0	324	0	281	173	24
Grambling State U.	549	787	7	0	3	0	349	0	428
New England C. of Optometry	550	785	0	0	785	0	0	0	0
SUNY, C. Brockport	551	781	5	0	204	0	145	7	420
Kean U.	552	775	0	0	0	0	522	0	253
Saint Michael's C.	552	775	0	42	201	5	527	0	0
U. Texas, Tyler	554	774	72	0	241	0	240	218	3
Yeshiva U.	555	772	52	0	424	0	296	0	0
Claremont McKenna C.	556	771	59	0	171	0	490	0	51
Fort Hays State U.	557	764	0	0	215	21	40	183	305
U. Texas of the Permian Basin	558	757	0	82	328	0	6	0	341
Lafayette C.	559	755	102	0	218	0	424	2	9
Oberlin C.	560	743	0	0	74	62	607	0	0
Citadel Military C. South Carolina	561	736	350	0	42	0	308	0	36
West Chester U. Pennsylvania	562	724	251	0	99	16	278	48	32
Kenyon C.	563	714	0	0	101	0	613	0	0
Pepperdine U.	564	693	54	0	169	0	366	0	104
Mercyhurst U.	565	690	65	21	510	15	54	2	23
Stonehill C.	566	674	183	0	0	0	311	0	180
Biola U.	567	662	102	32	422	15	66	2	23
U. of Mary Washington	568	660	15	0	6	0	213	0	426
Macalester C.	569	647	0	0	145	31	471	0	0
U. Wisconsin-Eau Claire	569	647	0	46	166	14	421	0	0
Grinnell C.	571	644	0	0	0	0	638	6	0
Benedict C.	572	635	0	81	9	0	123	168	254
U. Houston-Clear Lake	573	632	1	0	109	98	81	0	343
California State U., Maritime Academy	574	621	0	0	0	0	621	0	0
La Sierra U.	575	618	0	0	0	0	4	0	614
Milwaukee School of Engineering	576	613	0	55	378	0	180	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Midwestern State U.	577	599	0	0	387	0	208	0	4
Northwestern State U. Louisiana	578	598	0	0	1	0	0	0	597
Purdue U., Fort Wayne	579	589	15	0	104	1	330	107	32
CUNY, Medgar Evers C.	580	588	129	0	314	49	94	1	1
U. North Carolina, general administration	581	572	572	0	0	0	0	0	0
Kettering U.	582	568	0	0	0	0	419	0	149
Edward Via C. of Osteopathic Medicine	583	566	13	0	552	0	1	0	0
Whitman C.	584	558	20	0	272	0	266	0	0
Lipscomb U.	585	557	106	15	353	19	46	2	16
Eastern Kentucky U.	586	554	8	0	143	0	335	4	64
California State U., Channel Islands	587	553	144	0	0	0	402	0	7
Pennsylvania State U., Behrend	588	543	30	0	0	0	229	0	284
U. North Georgia	589	542	321	0	0	11	188	21	1
Minnesota State U., Mankato	590	525	65	0	59	2	279	0	120
U. Ana G. Mendez, Carolina	591	520	0	0	195	0	11	0	314
SUNY, Oswego	592	492	0	0	54	0	170	0	268
U. Massachusetts, central office	593	488	0	0	174	0	78	0	236
U. Wisconsin-River Falls	593	488	0	0	0	0	313	129	46
Connecticut C.	595	483	113	0	259	0	48	0	63
Sul Ross State U.	596	481	0	0	0	0	0	90	391
Pittsburg State U.	597	477	0	0	216	12	81	13	155
Austin Peay State U.	598	475	52	0	0	13	128	25	257
Union C., Schenectady	599	462	0	0	6	120	336	0	0
St. Cloud State U.	600	459	3	0	0	0	318	0	138
Pennsylvania State U., Harrisburg	601	451	24	0	379	0	24	0	24
U. of St. Thomas (MN)	602	450	1	0	16	31	368	26	8
Des Moines U.	603	449	0	0	289	0	1	0	159
Northern Michigan U.	604	446	0	0	157	0	254	0	35
Weber State U.	605	424	70	0	0	22	217	8	107
Philadelphia C. of Osteopathic Medicine	606	422	0	0	422	0	0	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
West Virginia School of Osteopathic Medicine	607	419	0	0	419	0	0	0	0
Lawrence Technological U.	608	405	224	0	0	0	162	0	19
U. Puget Sound	609	401	0	0	2	0	395	0	4
Willamette U.	609	401	0	0	22	11	267	0	101
Manhattan C.	611	398	0	0	71	0	322	0	5
Fairfield U.	612	365	0	0	0	10	338	17	0
Dine C.	613	347	0	0	31	0	48	19	249
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	614	342	74	0	231	0	37	0	0
U. Wisconsin-Platteville	615	336	i 104	i 8	i 35	i 11	i 65	i 69	i 44
Oregon Institute of Technology	616	326	0	86	0	56	26	0	158
Wheaton C., Wheaton	617	324	0	14	208	0	102	0	0
Marshall B. Ketchum U.	618	323	i 28	i 0	i 261	i 1	i 10	i 0	i 23
Gettysburg C.	619	320	0	0	0	10	265	0	45
Merrimack C.	620	306	0	0	168	18	92	0	28
Franklin W. Olin C. of Engineering	621	293	0	0	21	48	189	0	35
C. Wooster	622	283	62	0	73	0	138	5	5
U. Michigan, Flint	623	276	0	0	142	0	0	0	134
Albion C.	624	272	0	0	0	110	70	0	92
California Lutheran U.	625	271	144	0	0	0	59	0	68
St. Bonaventure U.	626	265	0	0	0	0	187	0	78
Andrews U.	627	263	0	0	0	191	72	0	0
Florida Polytechnic U.	628	252	20	114	17	8	93	0	0
Rhode Island School of Design	629	236	i 3	i 2	i 8	i 2	i 79	i 45	i 97
Bradley U.	630	235	0	0	20	96	15	0	104
St. Olaf C.	631	230	0	0	7	0	186	0	37
New Jersey City U.	632	223	0	0	0	0	64	0	159
Dickinson C.	633	222	0	0	40	0	26	20	136
U. California, Office of the President	634	217	0	0	123	0	0	94	0
U. Minnesota, Morris	635	213	0	0	0	0	213	0	0
Colorado C.	636	196	0	0	0	0	192	2	2
Heidelberg U.	637	188	0	0	0	0	0	80	108

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2020

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Framingham State U.	638	179	103	0	0	0	10	66	0
Eastern Connecticut State U.	639	177	0	0	0	2	175	0	0
Alaska Pacific U.	640	148	0	0	0	32	78	38	0
U. San Francisco	640	148	0	0	0	0	148	0	0
Hamilton C.	642	144	0	0	0	0	55	0	89
Azusa Pacific U.	643	128	116	0	0	0	12	0	0
Monmouth U.	644	110	0	0	0	0	0	0	110
Elon U.	645	106	0	0	81	0	22	0	3
Columbus State U.	646	93	40	0	0	0	53	0	0
Emerson C.	647	84	0	0	0	0	49	0	35
Roseman U. of Health Sciences	648	56	0	0	56	0	0	0	0
C. of Saint Benedict	649	43 i	0 i	0 i	0 i	0 i	43 i	0 i	0 i
Niagara U.	650	24	0	0	0	0	0	0	24
Babson C.	651	14	0	0	0	0	14	0	0
La Salle U.	651	14	0	0	14	0	0	0	0
U. South Florida, Sarasota-Manatee	653	10	0	0	0	0	0	0	10

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.

^a Includes all other agencies reported.

^b Johns Hopkins University includes the Applied Physics Laboratory, with \$1,845,654 thousand in federally financed R&D expenditures in FY 2020.

^c 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.

^d The University of Tennessee, Knoxville includes expenditures from the University of Tennessee Institute of Agriculture. Due to a reorganization within the University of Tennessee system, the Institute of Agriculture now falls under the leadership of the University of Tennessee, Knoxville chancellor. Prior to FY 2020, the University of Tennessee, Knoxville, Institute of Agriculture reported to the survey separately.

Note(s):

Agency-specific rankings available in table 59 through table 65. Institutions reporting zero federal expenditures for FY 2020 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 2020.