

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
All institutions	-	44,455,265	6,654,613	1,939,175	24,413,353	1,644,687	5,330,711	1,221,317	3,251,409
Johns Hopkins U. ^b	1	2,482,130	1,262,988	8,315	673,751	312,073	37,180	1,309	186,514
U. Washington, Seattle	2	992,643	93,841	31,613	655,533	20,804	114,582	6,650	69,620
U. Michigan, Ann Arbor	3	886,851	83,880	40,718	615,534	25,555	81,455	1,773	37,936
Stanford U.	4	738,957	69,469	18,327	544,763	22,652	75,886	243	7,617
Columbia U. in the City of New York	5	736,536	48,604	21,167	548,047	20,499	86,116	94	12,009
U. North Carolina, Chapel Hill	6	720,613	13,444	6,662	554,504	2,167	35,909	2,615	105,312
U. Pennsylvania	7	717,359	49,467	9,526	592,670	4,338	45,727	1,319	14,312
Georgia Institute of Technology	8	716,207	523,399	16,083	41,448	39,937	75,687	1,059	18,594
Duke U.	9	709,705	64,374	15,385	571,613	3,269	35,357	946	18,761
U. California, San Diego	10	698,925	98,923	28,043	435,980	13,221	88,746	1,176	32,836
U. Maryland ^c	11	696,880	94,079	16,669	349,950	65,263	58,692	26,761	85,466
U. Pittsburgh, Pittsburgh	12	677,559	47,299	8,981	581,530	1,309	26,547	17	11,876
U. California, San Francisco	13	671,047	29,636	775	623,113	450	8,475	9	8,589
Harvard U.	14	618,405	57,390	14,594	475,795	8,446	46,321	170	15,689
U. Wisconsin-Madison	15	608,925	36,636	71,131	347,705	11,862	80,297	22,377	38,917
U. California, Los Angeles	16	600,714	50,405	25,786	423,638	25,278	63,912	223	11,472
Pennsylvania State U., University Park and Hershey Medical Center	17	600,489	300,261	29,606	132,733	18,524	67,436	32,342	19,587
Yale U.	18	576,776	28,512	11,213	495,232	4,436	26,830	537	10,016
U. Southern California	19	543,607	133,937	7,490	328,895	2,676	50,376	650	19,583
Washington U., Saint Louis	20	543,508	14,733	9,068	488,527	7,088	20,740	92	3,260
Cornell U.	21	525,182	39,524	23,747	282,465	12,034	115,526	37,785	14,101
Northwestern U.	22	502,300	43,448	21,580	374,302	3,961	48,728	137	10,144
Ohio State U.	23	497,651	39,550	26,718	277,710	10,014	51,067	33,905	58,687
U. Minnesota, Twin Cities	24	494,549	33,159	21,696	315,135	11,391	69,610	29,714	13,844
Vanderbilt U. and Vanderbilt U. Medical Center	25	492,808	35,452	13,681	402,645	4,141	18,768	528	17,593
Massachusetts Institute of Technology	26	489,345	139,924	67,337	136,305	34,456	95,998	0	15,325
Icahn School of Medicine at Mount Sinai	27	443,745	11,889	0	429,104	694	715	0	1,343
New York U.	28	436,850	23,849	4,094	353,281	1,353	39,534	845	13,894
Emory U.	29	424,461	14,064	1,115	387,530	1,772	12,586	211	7,183
U. Colorado Boulder	30	412,691	39,172	25,423	56,794	110,640	81,711	1,832	97,119
U. Texas, Austin	31	407,981	156,351	35,772	89,062	17,529	78,379	455	30,433
U. Alabama, Birmingham	32	398,403	29,147	5,778	337,055	11,500	7,462	89	7,372
U. Florida	33	387,906	30,329	15,780	213,038	5,810	49,165	40,427	33,357
U. Illinois, Urbana-Champaign	34	382,206	50,403	66,545	69,420	8,403	141,078	19,682	26,675

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. California, Davis	35	374,707	18,306	15,451	215,535	3,840	33,320	36,057	52,198
Texas A&M U., College Station and Health Science Center	36	359,609	27,953	33,433	82,965	6,772	114,590	37,402	56,494
Case Western Reserve U.	37	357,549	15,037	4,949	321,105	3,377	12,156	66	859
U. Colorado Denver and Anschutz Medical Campus	38	353,021	14,505	0	322,277	275	5,324	137	10,503
U. California, Berkeley	39	347,601	38,213	42,917	124,119	37,109	71,030	3,686	30,527
U. Chicago	40	332,776	23,339	8,892	236,745	6,033	51,803	78	5,886
Michigan State U.	41	331,148	14,519	78,917	80,546	2,890	83,070	34,267	36,939
U. Arizona	42	327,025	31,083	8,641	145,350	55,641	54,281	16,066	15,963
Boston U.	43	318,511	16,585	5,270	245,176	6,618	35,582	440	8,840
Baylor C. of Medicine	44	309,354	13,693	0	260,814	18,414	1,445	14,812	176
Indiana U., Bloomington	45	308,586	15,170	5,572	236,336	1,075	36,456	541	13,436
U. Rochester	46	306,551	10,738	94,427	180,234	1,946	18,569	85	552
U. Utah	47	302,585	29,860	23,822	204,671	3,430	35,354	499	4,949
Oregon Health and Science U.	48	298,227	15,415	265	279,218	117	2,383	17	812
Uniformed Services U. of the Health Sciences	49	297,808	281,375	0	15,945	0	0	0	488
Rutgers, State U. New Jersey, New Brunswick	50	297,609	15,508	11,321	173,721	4,110	46,590	17,022	29,337
California Institute of Technology	51	287,198	34,316	21,103	78,102	64,954	82,563	20	6,140
Colorado State U., Fort Collins	52	284,482	92,283	14,861	45,335	9,328	31,344	41,555	49,776
U. Virginia, Charlottesville	53	276,335	34,119	12,829	174,207	4,056	28,989	230	21,905
Scripps Research Institute	54	267,122	2,444	168	240,749	317	3,568	0	19,876
Arizona State U.	55	267,087	34,800	14,454	59,233	65,490	62,370	2,452	28,288
U. Cincinnati	56	252,892	9,751	2,518	221,849	771	9,306	126	8,571
U. Iowa	57	252,563	15,346	2,412	198,962	14,128	9,713	494	11,508
Purdue U., West Lafayette	58	249,831	39,470	27,012	58,699	7,770	69,718	23,791	23,371
North Carolina State U.	59	228,945	34,051	32,368	33,362	2,633	58,142	42,846	25,543
Utah State U.	60	220,504	144,630	3,559	7,018	18,277	9,060	13,648	24,312
U. California, Irvine	61	217,094	17,400	13,229	130,420	8,076	39,979	120	7,870
U. Miami	62	212,023	14,765	556	156,134	3,765	11,269	314	25,220
Virginia Polytechnic Institute and State U.	63	209,607	54,557	16,887	37,013	4,914	43,603	19,204	33,429
U. Illinois, Chicago	64	208,603	8,076	6,348	162,454	856	19,341	411	11,117
U. Texas Southwestern Medical Center	65	203,544	5,770	12	193,286	1,583	1,123	684	1,086
Albert Einstein C. of Medicine	66	202,513	5,252	0	196,923	0	199	0	139
Carnegie Mellon U.	67	197,978	73,262	13,668	32,874	3,043	56,350	685	18,096
U. Massachusetts, Medical School	68	197,388	5,190	0	189,993	0	1,133	320	752
Princeton U.	69	193,453	29,077	14,676	58,592	15,165	64,442	108	11,393

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Kentucky	70	192,945	5,902	11,548	135,877	1,733	15,733	13,762	8,390
Woods Hole Oceanographic Institution	71	184,995	37,859	3,113	1,659	6,624	112,251	13	23,476
SUNY, U. Buffalo	72	182,983	27,532	3,260	111,965	782	29,533	281	9,630
U. South Florida, Tampa	73	181,882	4,436	995	115,498	2,635	14,002	471	43,845
Brown U.	74	178,460	19,359	6,030	117,046	4,342	28,077	0	3,606
U. Texas M. D. Anderson Cancer Center	75	176,156	6,706	0	168,105	190	671	0	484
U. Kansas	76	169,694	6,412	3,816	113,725	2,364	18,954	686	23,737
Oregon State U.	77	168,571	17,167	16,521	22,770	6,760	48,625	31,364	25,364
U. Hawaii, Manoa	78	167,816	33,197	5,024	50,545	12,706	30,530	8,739	27,075
Wake Forest U.	79	165,702	21,182	267	137,998	952	2,865	139	2,299
U. Oklahoma, Norman and Health Science Center	80	164,855	8,387	4,549	70,271	26,364	14,257	1,367	39,660
Temple U.	81	161,673	15,132	5,216	121,229	888	11,781	19	7,408
U. Georgia	82	159,948	3,413	10,682	73,320	1,463	30,287	26,571	14,212
U. New Mexico	83	159,940	19,604	11,784	89,949	1,979	28,112	1,120	7,392
U. Connecticut	84	159,220	10,573	5,187	92,365	1,309	26,288	5,407	18,091
Washington State U.	85	158,982	8,900	21,283	48,792	622	18,546	36,317	24,522
George Washington U.	86	155,697	8,153	4,882	116,414	1,102	15,721	597	8,828
Dartmouth C. and Dartmouth Hitchcock Medical Center	87	154,597	7,873	2,263	120,373	3,904	16,470	897	2,817
U. Dayton	88	153,328	72,068	3,108	141	754	1,314	0	75,943
Medical U. South Carolina	89	153,226	3,218	0	137,077	0	2,092	0	10,839
Florida State U.	90	149,784	20,105	9,365	39,161	3,673	56,341	993	20,146
Iowa State U.	91	147,866	11,859	30,266	19,072	2,108	34,620	29,336	20,605
Tufts U.	92	146,630	13,592	1,754	78,249	512	13,165	15,811	23,547
SUNY, Stony Brook U.	93	144,618	5,589	20,413	70,474	3,308	38,189	120	6,525
Virginia Commonwealth U.	94	142,293	11,570	2,312	108,040	416	5,709	58	14,188
U. Delaware	95	133,020	18,681	12,097	37,168	3,697	29,868	5,352	26,157
U. Texas Health Science Center, Houston	96	132,647	8,108	0	118,544	158	644	1,917	3,276
Northeastern U.	97	126,762	32,931	3,584	41,700	844	37,270	62	10,371
U. Tennessee, Knoxville	98	123,434	13,516	61,485	7,307	5,395	26,275	2,031	7,425
U. Missouri, Columbia	99	123,252	13,195	4,554	58,464	481	20,270	15,495	10,793
Medical C. Wisconsin	100	119,036	6,661	0	109,049	286	318	0	2,722
U. California, Santa Barbara	101	118,517	34,067	13,094	16,583	6,128	41,311	463	6,871
Wayne State U.	102	118,043	8,296	2,859	93,144	216	8,995	394	4,139
U. Massachusetts, Amherst	103	117,359	17,180	6,097	33,895	2,694	38,320	7,999	11,174
U. Nebraska, Lincoln	104	109,954	7,654	8,023	24,842	1,013	31,035	21,174	16,213

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Texas Medical Branch	105	107,806	4,424	46	101,079	1,323	363	157	414
U. Notre Dame	106	106,411	24,399	14,122	27,117	830	28,416	228	11,299
Mississippi State U.	107	104,738	22,249	5,157	14,938	1,272	7,509	31,137	22,476
Tulane U.	108	104,219	3,849	908	87,609	2,093	3,396	6	6,358
U. South Carolina, Columbia	109	102,992	3,607	7,010	52,076	3,487	16,053	582	20,177
U. Nebraska, Medical Center	110	102,604	4,365	60	95,693	212	1,271	179	824
U. Central Florida	111	99,310	35,072	6,794	15,037	7,772	21,024	1,795	11,816
Florida International U.	112	96,912	7,295	7,422	33,326	764	23,890	1,332	22,883
U. Texas Health Science Center, San Antonio	113	96,502	7,751	0	84,060	0	85	0	4,606
George Mason U.	114	96,307	53,390	611	8,138	6,957	12,713	256	14,242
Georgetown U.	115	94,050	9,956	1,266	62,767	1,917	6,547	0	11,597
U. Alaska, Fairbanks	116	92,964	8,011	5,118	5,605	18,059	32,807	1,906	21,458
SUNY, U. Albany	117	92,709	3,128	502	73,370	654	8,145	441	6,469
U. Vermont	118	90,405	1,753	1,263	66,169	1,165	10,286	7,413	2,356
U. New Hampshire	119	90,241	3,195	3,255	18,096	19,213	18,567	6,461	21,454
New Jersey Institute of Technology	120	89,846	18,121	441	23,247	2,903	11,136	52	33,946
Montana State U., Bozeman	121	88,955	22,807	4,773	23,631	5,146	12,131	9,373	11,094
Louisiana State U., Baton Rouge	122	88,721	7,961	6,947	33,109	3,548	16,222	9,587	11,347
U. Louisville	123	87,563	3,200	112	72,903	1,024	7,089	0	3,235
Drexel U.	124	85,278	9,200	2,599	53,332	537	13,706	368	5,536
U. Alabama, Huntsville	125	85,211	47,429	462	696	23,676	8,654	246	4,048
Rockefeller U.	126	84,566	2,830	0	78,685	0	2,493	366	192
Rice U.	127	83,584	16,311	7,377	18,558	3,406	36,366	423	1,143
West Virginia U.	128	82,353	3,894	14,859	32,112	5,245	13,422	7,212	5,609
Kansas State U.	129	81,269	3,562	8,006	15,776	638	15,709	23,474	14,104
U. California, Riverside	130	81,151	5,971	7,228	25,939	2,904	24,781	7,953	6,375
Clemson U.	131	81,080	6,822	7,710	11,826	1,202	21,105	5,737	26,678
U. Oregon	132	80,083	4,166	4,567	38,545	265	16,952	386	15,202
Thomas Jefferson U.	133	74,816	3,288	203	71,108	173	44	0	0
U. California, Santa Cruz	134	74,669	3,108	4,515	39,291	3,076	13,815	1,233	9,631
U. Mississippi	135	73,865	7,263	1,266	49,643	581	6,248	6,183	2,681
Cold Spring Harbor Laboratory	136	73,854	1,013	2,085	61,289	0	7,506	1,914	47
U. Rhode Island	137	73,080	5,439	628	16,927	1,365	22,832	6,419	19,470
Georgia State U.	138	70,185	4,449	1,356	44,011	293	8,644	129	11,303
Rush U.	139	68,941	554	0	68,365	19	3	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Houston	140	68,523	4,397	6,562	29,947	3,666	17,758	90	6,103
Auburn U., Auburn	141	64,333	10,592	3,838	13,272	2,616	9,361	10,176	14,478
U. Arkansas for Medical Sciences	142	63,498	1,534	0	61,083	115	331	0	435
U. Nevada, Reno	143	62,903	6,180	4,379	25,643	1,035	9,990	5,516	10,160
New Mexico State U.	144	58,022	19,487	5,941	7,312	4,659	9,742	7,496	3,385
U. Maryland, Baltimore County	145	56,993	3,020	463	17,315	21,740	10,967	737	2,751
U. Montana, Missoula	146	55,566	2,311	141	28,138	2,466	10,465	6,527	5,518
Naval Postgraduate School	147	54,358	51,682	662	0	189	1,184	0	641
U. Wyoming	148	52,082	397	9,439	12,834	1,966	15,386	6,803	5,257
U. Idaho	149	51,529	2,795	5,065	9,409	3,043	12,885	13,853	4,479
Cleveland State U.	150	51,475	3,541	147	44,940	328	1,517	0	1,002
U. Maine	151	51,049	9,192	2,006	2,336	1,331	13,254	16,162	6,768
U. Arkansas, Fayetteville	152	50,875	2,668	5,763	4,251	1,321	13,241	12,538	11,093
Rensselaer Polytechnic Institute	153	50,448	10,182	11,374	10,402	1,272	14,907	306	2,005
U. North Dakota	154	49,700	768	27,259	12,562	1,998	4,369	2,029	715
Colorado School of Mines	155	49,603	8,779	19,191	2,878	1,645	13,112	637	3,361
U. Texas, Dallas	156	48,466	13,688	2,493	19,176	1,215	11,072	0	822
Augusta U.	157	47,031	1,102	0	45,629	0	269	4	27
U. Southern Mississippi	158	46,924	15,828	323	5,610	1,270	4,714	1,407	17,772
U. Tennessee, Health Science Center	159	42,396	2,832	0	39,136	0	107	0	321
U. Texas, Arlington	160	41,764	10,128	3,121	7,258	849	8,919	48	11,441
Brandeis U.	161	41,475	767	1,751	29,938	130	5,786	0	3,103
Wright State U.	162	41,428	30,799	58	7,619	387	1,287	192	1,086
U. Texas, El Paso	163	41,261	2,937	2,032	14,492	2,166	11,838	2,105	5,691
Oklahoma State U., Stillwater	164	39,880	3,062	2,033	8,598	422	10,451	9,200	6,114
San Diego State U.	165	39,515	3,925	1,033	23,821	822	8,035	141	1,738
SUNY, Polytechnic Institute	166	38,245	32,837	2,330	1,359	50	1,431	0	238
U. Alabama, Tuscaloosa	167	37,916	3,428	3,893	6,158	1,463	9,954	595	12,425
Syracuse U.	168	37,803	3,882	1,693	9,712	202	15,382	917	6,015
Northern Arizona U.	169	35,980	5,352	1,968	9,199	2,712	8,488	3,731	4,530
Florida A&M U.	170	35,362	1,041	3,568	4,979	125	2,913	8,753	13,983
North Dakota State U.	171	35,322	1,378	528	8,301	237	10,137	9,766	4,975
U. Massachusetts, Lowell	172	35,309	13,147	2,271	9,669	1,812	5,214	59	3,137
U.S. Air Force Academy	173	35,294	33,955	108	140	100	745	0	246
San Jose State U.	174	35,143	924	217	2,009	21,031	2,283	321	8,358

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Texas Tech U.	175	35,136	6,281	4,026	5,474	1,602	7,996	1,832	7,925
Michigan Technological U.	176	34,709	11,860	2,926	2,704	5,027	6,388	1,584	4,220
U. Texas, San Antonio	177	34,588	6,646	448	12,526	592	7,715	632	6,029
U. Puerto Rico, Medical Sciences Campus	178	34,570	0	0	32,432	29	1,707	0	402
U. Louisiana, Lafayette	179	34,400	570	1,516	18,429	312	2,884	494	10,195
Saint Louis U.	180	34,275	1,817	223	27,200	179	3,140	30	1,686
CUNY, City C.	181	33,065	1,756	1,190	10,196	1,905	10,121	0	7,897
Portland State U.	182	33,055	2,579	1,270	12,465	1,494	5,994	1,123	8,130
Boston C.	183	32,475	3,095	704	19,255	285	6,340	31	2,765
William & Mary	184	31,983	1,856	1,922	1,890	462	7,382	348	18,123
Old Dominion U.	185	31,355	5,021	3,629	6,250	2,993	7,806	326	5,330
Louisiana State U., Health Sciences Center, New Orleans	186	31,290	488	0	30,293	0	101	0	408
Howard U.	187	29,978	2,649	225	21,044	150	4,682	0	1,228
South Dakota State U.	188	29,683	267	137	3,309	1,427	5,973	14,709	3,861
Wichita State U.	189	29,634	8,642	576	4,494	2,237	1,259	108	12,318
Texas State U.	190	29,614	2,752	0	3,518	4,777	2,673	1,043	14,851
Illinois Institute of Technology	191	28,827	1,201	4,648	15,297	379	6,230	351	721
U. Tennessee, Knoxville, Institute of Agriculture	192	28,804	2,846	2,807	1,606	0	919	17,338	3,288
U. Nevada, Las Vegas	193	28,381	1,496	3,687	9,385	1,658	4,191	2,328	5,636
Stevens Institute of Technology	194	28,342	17,280	56	1,624	166	5,166	0	4,050
U. Toledo	195	28,273	3,033	653	13,540	4,606	4,207	529	1,705
Indiana U.-Purdue U., Indianapolis	196	27,349	1,331	447	16,837	15	5,412	347	2,960
U. North Texas, Health Science Center	197	27,260	136	0	23,965	0	146	0	3,013
Mercer U.	198	27,035	25,307	0	1,617	39	0	49	23
SUNY, Downstate Medical Center	199	26,914	411	0	26,100	0	266	0	137
Lehigh U.	200	26,554	3,725	3,614	5,253	134	11,304	68	2,456
Rochester Institute of Technology	201	26,359	5,782	1,531	3,991	2,270	10,472	155	2,158
U. North Carolina, Charlotte	202	26,199	4,767	1,631	5,764	166	10,028	56	3,787
U. Massachusetts, Boston	203	25,083	894	106	10,825	1,047	4,296	0	7,915
Boise State U.	204	24,493	1,609	4,404	4,339	1,694	7,731	1,325	3,391
SUNY, Binghamton U.	205	24,213	5,456	3,098	8,251	0	6,287	0	1,121
Brigham Young U., Provo	206	23,901	4,465	2,242	5,960	1,804	6,989	406	2,035
North Carolina Agricultural and Technical State U.	207	23,863	4,913	2,244	1,271	389	7,697	5,371	1,978
Loyola U., Chicago	208	23,562	775	2	19,039	93	1,949	152	1,552
CUNY, Hunter C.	209	23,485	496	239	19,963	0	2,627	0	160

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Wisconsin-Milwaukee	210	23,342	739	1,574	7,802	187	10,368	346	2,326
Worcester Polytechnic Institute	211	22,964	5,945	1,177	4,692	407	8,082	261	2,400
New Mexico Institute of Mining and Technology	212	22,864	8,130	5,347	495	650	7,003	0	1,239
Morehouse School of Medicine	213	22,461	0	0	22,389	0	57	0	15
Missouri U. of Science and Technology	214	22,279	3,595	5,596	393	1,114	5,829	288	5,464
SUNY, Upstate Medical U.	215	22,028	1,256	0	20,485	0	144	0	143
U. Denver	216	22,012	633	0	14,344	536	2,707	0	3,792
Air Force Institute of Technology	217	21,856	20,782	170	0	194	0	0	710
Florida Atlantic U.	218	21,667	3,253	347	7,898	305	3,613	77	6,174
Catholic U. of America	219	21,642	362	5,880	2,222	10,428	1,942	0	808
U. South Alabama	220	19,947	475	6	12,062	346	4,082	224	2,752
Eastern Virginia Medical School	221	19,408	210	0	7,532	631	12	0	11,023
U. North Carolina, Greensboro	222	18,923	332	0	9,083	36	1,868	816	6,788
U. Nebraska, central administration	223	18,523	16,454	32	0	0	2,037	0	0
U. Memphis	224	18,370	2,986	246	7,499	90	3,195	88	4,266
Van Andel Research Institute	225	18,259	720	40	17,445	0	54	0	0
Southern Methodist U.	226	17,869	4,744	2,065	2,579	898	5,507	0	2,076
U. Maryland Center for Environmental Science	227	17,476	750	45	1	940	4,088	282	11,370
East Carolina U.	228	17,428	659	0	11,312	32	3,360	98	1,967
U. North Texas, Denton	229	17,345	6,312	1,221	2,744	529	5,772	348	419
California State U., Northridge	230	16,939	867	260	9,004	461	4,629	307	1,411
Loma Linda U.	231	16,909 i	2,258 i	0 i	12,700 i	1,913 i	0 i	0 i	38 i
U. California, Merced	232	16,850	1,966	1,646	4,211	776	6,899	1,022	330
Desert Research Institute	233	16,745	4,466	5,795	177	1,582	1,367	1,097	2,261
Meharry Medical C.	234	16,443	0	0	16,232	0	0	0	211
Jackson State U.	235	16,259	2,293	255	4,343	98	6,957	0	2,313
San Francisco State U.	236	15,675	318	246	9,636	3	4,051	18	1,403
U. Puerto Rico, Mayaguez	237	15,653	1,258	224	1,209	237	4,815	1,084	6,826
Rutgers, State U. New Jersey, Newark	238	15,397	1,036	247	7,186	125	5,245	37	1,521
American U.	239	15,229	582	96	3,427	2,595	1,344	199	6,986
Tuskegee U.	240	14,825	221	0	3,325	6	5,604	5,362	307
Ohio U.	241	14,802	1,278	1,917	4,030	417	2,685	212	4,263
Texas A&M U.-Corpus Christi	242	14,451	199	63	732	1,724	2,337	132	9,264
Western Michigan U. and Homer Stryker M.D. School of Medicine	243	14,399	471	158	2,327	236	3,216	46	7,945
U. Missouri, Kansas City	244	14,327	5,040	90	6,761	258	1,636	3	539

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Alaska, Anchorage	245	14,219	1,784	0	3,255	31	2,696	198	6,255
U. Puerto Rico, Rio Piedras	246	13,943	166	0	4,534	1,387	6,450	830	576
U. Texas Rio Grande Valley	247	13,629	7	12	7,235	98	3,249	2,018	1,010
California State U., Long Beach	248	13,579	140	243	9,460	116	811	76	2,733
North Carolina Central U.	249	13,503	221	144	8,486	0	2,465	702	1,485
CUNY, Queens C.	250	13,457	75	8,281	2,838	0	2,196	0	67
Hampton U.	251	13,390	1,592	841	2,701	4,998	3,258	0	0
U. South Dakota	252	13,367	162	170	8,531	68	4,029	0	407
Kent State U.	253	13,350	1,488	1,331	5,638	306	3,130	90	1,367
U.S. Naval Academy	254	12,991	11,083	443	0	78	1,387	0	0
Marquette U.	255	12,792	211	375	8,115	178	3,355	219	339
Southern Illinois U., Carbondale	256	12,625	1,283	205	6,153	88	1,490	952	2,454
Louisiana State U., Health Sciences Center, Shreveport	257	12,185	318	0	11,750	57	60	0	0
Delaware State U.	258	12,179	303	258	4,583	1,014	2,357	3,191	473
Rowan U.	259	12,064	2,436	0	6,444	231	2,297	83	573
U. Hawaii, system office	260	12,052	10,477	0	0	0	0	0	1,575
Morgan State U.	261	11,952	1,218	68	3,621	4,469	1,120	24	1,432
Albany Medical C.	262	11,827	352	0	11,475	0	0	0	0
U. Akron	263	11,796	2,376	757	1,006	721	5,203	0	1,733
U. West Florida	264	11,506	1,165	0	359	24	479	0	9,479
Texas Tech U., Health Sciences Center	265	11,345	577	0	10,354	0	388	0	26
New York Medical C.	266	11,061	425	21	10,218	39	174	41	143
U.S. Military Academy	267	10,528	10,412	0	0	0	116	0	0
U. of the Virgin Islands	268	10,445	61	301	634	915	5,108	2,694	732
Charles R. Drew U. of Medicine and Science	269	10,427	1,475	0	8,952	0	0	0	0
Florida Institute of Technology	270	10,352	3,497	381	629	774	1,782	0	3,289
Northeast Ohio Medical U.	271	10,107	8	0	9,842	0	109	54	94
Illinois State U.	272	9,827	27	0	1,528	26	2,859	334	5,053
Miami U.	273	9,755	776	400	3,214	153	3,385	45	1,782
California Polytechnic State U., San Luis Obispo	274	9,720	440	859	2,016	597	3,633	1,068	1,107
Marshall U.	275	9,617	199	13	6,683	171	1,898	0	653
Prairie View A&M U.	276	9,346	1,356	128	171	199	1,942	5,401	149
U. Guam	277	9,339	1,592	0	2,079	467	1,180	2,733	1,288
California State U., Los Angeles	278	9,288	182	125	3,804	1,123	2,081	97	1,876
South Dakota School of Mines and Technology	279	9,283	1,912	1,533	184	1,514	3,815	166	159

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
California State U., San Marcos	280	9,134	1,199	0	3,390	7	2,469	212	1,857
U. Baltimore	281	9,103	0	0	794	0	12	2	8,295
Embry-Riddle Aeronautical U.	282	8,970	678	62	0	750	1,362	0	6,118
Nova Southeastern U.	283	8,965	3,622	0	3,001	0	365	0	1,977
Tennessee State U.	284	8,962	426	322	1,069	43	1,217	5,555	330
Rosalind Franklin U. of Medicine and Science	285	8,865	825	0	7,840	0	0	0	200
U. Nebraska, Omaha	286	8,807	1,174	13	3,494	585	2,565	0	976
Xavier U. Louisiana	287	8,679	551	0	6,501	820	801	0	6
California State U., San Bernardino	288	8,651	1,281	0	533	18	3,316	447	3,056
Northern Illinois U.	289	8,610	28	2,820	868	57	2,500	116	2,221
Clarkson U.	290	8,551	2,295	565	514	61	3,235	148	1,733
Texas A&M U.-Kingsville	291	8,419	463	41	1,003	0	648	4,008	2,256
Ponce Health Sciences U.	292	8,339	0	0	8,339	0	0	0	0
Alabama A&M U.	293	8,277	1,236	452	4,353	132	1,074	329	701
Creighton U.	294	8,265	797	226	6,102	172	611	30	327
Central Michigan U.	295	8,100	118	1,900	1,599	0	1,547	1	2,935
Teachers C., Columbia U.	296	8,054	0	0	606	0	2,060	0	5,388
Norfolk State U.	297	8,046	2,341	3,891	0	0	1,727	0	87
SUNY, C. of Environmental Science and Forestry	298	7,743	63	594	369	200	777	1,754	3,986
East Tennessee State U.	299	7,688	0	0	6,822	51	600	6	209
Idaho State U.	300	7,547	268	2,255	851	294	2,896	211	772
Alcorn State U.	301	7,540	0	159	81	0	171	7,129	0
U. Massachusetts, Dartmouth	302	7,353	1,792	72	346	197	2,807	9	2,130
U. North Carolina, Wilmington	303	7,174	480	141	854	83	1,862	211	3,543
U. Minnesota, Duluth	304	7,143	123	235	270	4	4,292	636	1,583
U. Maryland, Eastern Shore	305	6,983	0	0	5	57	867	1,570	4,484
Baylor U.	306	6,955	828	1,460	2,142	109	1,900	284	232
U. Missouri, Saint Louis	307	6,890	287	14	3,574	107	1,400	120	1,388
CUNY, Advanced Science Research Center	308	6,859	1,944	30	2,886	420	1,553	23	3
Oakland U.	309	6,690	474	52	3,984	151	2,029	0	0
U. Arkansas, Little Rock	310	6,688	2,712	212	559	1,112	1,261	173	659
Virginia State U.	311	6,636	0	102	12	0	2,226	4,198	98
Langston U.	312	6,622	0	2	35	837	56	5,663	29
Louisiana Tech U.	313	6,564	1,367	14	315	100	3,494	361	913
St. Edward's U.	314	6,500	0	0	0	107	4,250	1,000	1,143

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Tennessee Technological U.	315	6,153	921	1,100	150	144	2,869	495	474
Bowling Green State U.	316	5,852	84	280	1,321	88	2,512	47	1,520
California State U., Sacramento	317	5,801	65	0	111	0	530	93	5,002
Chapman U.	318	5,738	611	552	2,974	193	1,087	108	213
Clark Atlanta U.	319	5,689	671	511	2,743	0	1,721	43	0
U. Texas Health Science Center, Tyler	320	5,626	0	0	5,626	0	0	0	0
CUNY, Graduate School of Public Health and Health Policy	321	5,572	0	0	4,898	0	81	0	593
U. New England	322	5,269	0	382	3,633	0	804	219	231
Missouri State U.	323	5,076	3,237	195	195	73	151	630	595
Naval War C.	324	5,060	5,060	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	325	4,971	0	37	1,036	0	848	0	3,050
U. Detroit Mercy	326	4,936	55	0	4,844	0	4	0	33
Montana Technological U.	327	4,926	3,017	246	490	54	351	83	685
U. Hawaii, Hilo	328	4,924	144	301	545	102	1,978	303	1,551
Arkansas State U., Jonesboro	329	4,876	115	0	614	36	1,796	1,479	836
Wesleyan U.	330	4,793	861	0	711	403	2,007	0	811
Kentucky State U.	331	4,692	16	0	0	0	113	4,398	165
Tarleton State U.	332	4,632	0	0	0	0	132	4,194	306
Fisk U.	333	4,615	625	312	416	127	2,784	0	351
West Virginia State U.	334	4,592	0	68	194	0	545	2,786	999
Duquesne U.	335	4,552	398	0	2,392	0	729	0	1,033
Morehouse C.	336	4,494	314	386	1,514	11	2,092	4	173
DePaul U.	337	4,464	79	1	2,301	281	1,590	3	209
CUNY, Brooklyn C.	338	4,463	0	44	3,064	0	1,215	59	81
Fort Valley State U.	339	4,434	101	0	0	0	359	3,974	0
C. Charleston	340	4,395	30	3	498	1,644	1,288	42	890
California State U., Bakersfield	341	4,376	119	0	313	0	1,229	321	2,394
U. New Orleans	342	4,353	1,145	59	85	108	861	2	2,093
California State U., Fullerton	343	4,340	43	0	1,969	30	1,863	333	102
U. Arkansas, Pine Bluff	344	4,299	105	0	156	280	56	3,693	9
National Defense U.	345	4,231	4,231	0	0	0	0	0	0
Fordham U.	346	4,218	436	0	1,826	0	959	27	970
Montclair State U.	347	4,164	1	0	921	115	2,788	200	139
U. Tulsa	348	4,142	942	529	221	197	1,336	36	881
Villanova U.	349	4,085	483	0	194	687	2,585	0	136

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. North Florida	350	4,017	94	70	1,727	11	736	4	1,375
Seton Hall U.	351	3,982	0	0	810	0	0	0	3,172
Western Washington U.	352	3,978	42	95	466	190	2,596	36	553
Pacific U.	353	3,917	0	0	2,338	0	1,448	0	131
Florida Gulf Coast U.	354	3,773	57	0	124	116	438	0	3,038
California State U., Monterey Bay	355	3,746	100	0	60	2,110	547	478	451
Sam Houston State U.	356	3,723	269	0	60	0	568	583	2,243
South Carolina State U.	357	3,659	0	724	1,133	68	1,514	120	100
Wellesley C.	358	3,602	0	7	1,444	724	1,272	0	155
Southern Illinois U., Edwardsville	359	3,561	84	0	1,299	21	1,425	38	694
California State Polytechnic U., Pomona	360	3,555	72	0	915	148	1,262	287	871
Clark U.	361	3,495	97	43	615	262	1,931	187	360
MGH Institute of Health Professions	362	3,494	0	0	3,494	0	0	0	0
Western Kentucky U.	363	3,391	88	92	1,136	193	801	664	417
Tougaloo C.	364	3,380	0	0	1,444	30	1,211	0	695
U. Washington, Bothell	365	3,353	591	0	152	0	2,148	22	440
CUNY, Lehman C.	366	3,342	0	0	565	0	2,777	0	0
Rhode Island C.	367	3,332	15	84	1,368	0	154	0	1,711
U. of the District of Columbia	368	3,283	323	0	22	0	1,014	1,840	84
Southern U. and A&M C., Baton Rouge	369	3,243	354	162	324	301	1,859	156	87
Texas Southern U.	370	3,238	0	0	1,851	0	797	0	590
New Jersey City U.	371	3,142	0	0	1,075	0	355	0	1,712
New York Institute of Technology	372	3,135	197	0	1,406	6	895	568	63
U. South Florida, Saint Petersburg	373	3,121	0	0	696	0	92	268	2,065
U. Colorado Colorado Springs	374	3,072	600	110	940	18	1,349	2	53
Southern U. and A&M C., Agricultural Research and Extension Center	375	3,057	0	0	0	0	0	3,057	0
Western U. of Health Sciences	376	3,035	154	0	2,431	0	20	430	0
CUNY, Graduate Center	377	3,009	0	0	903	1	1,965	0	140
Dakota State U.	378	3,008	1,378	0	0	0	1,628	0	2
Ball State U.	379	2,929	99	26	1,026	22	891	19	846
California State U., Fresno	380	2,900	0	0	777	182	1,171	405	365
Smith C.	381	2,892	65	39	1,018	14	1,475	0	281
Youngstown State U.	382	2,878	2,591	0	68	21	69	0	129
Barnard C.	383	2,871	46	2	1,087	12	1,714	10	0
Texas Christian U.	384	2,866	50	130	1,153	34	442	0	1,057

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
U. Washington, Tacoma	385	2,808	167	0	429	16	759	14	1,423
U. New Haven	386	2,786	1,900	248	14	61	365	0	198
James Madison U.	387	2,717	16	120	695	58	1,424	51	353
U. Central del Caribe	388	2,705	0	0	2,705	0	0	0	0
Lincoln U., Jefferson City	389	2,700	0	0	2	0	343	2,355	0
Lamar U.	390	2,641	42	76	646	0	918	0	959
Murray State U.	391	2,639	0	0	527	8	1,994	61	49
Pace U.	392	2,579	0	404	357	0	1,755	0	63
Alabama State U.	393	2,577	28	159	530	0	1,245	0	615
U. Southern Maine	394	2,551	0	0	2,232	0	125	21	173
Northwest Indian C.	395	2,520	0	0	1,054	443	783	226	14
Central State U.	396	2,517	254	0	0	92	429	1,742	0
U. San Diego	397	2,511	135	106	432	10	1,456	0	372
Kennesaw State U.	398	2,499	9	0	899	0	768	19	804
Purdue U., Northwest	399	2,493	546	35	71	33	802	69	937
Northeastern Illinois U.	400	2,478	0	0	1,367	0	1,034	77	0
Middle Tennessee State U.	401	2,473	31	10	195	68	932	610	627
CUNY, C. Staten Island	402	2,421	0	125	467	5	1,775	0	49
U. Tennessee, Chattanooga	403	2,393	327	70	36	0	1,691	0	269
U. South Carolina, Aiken	404	2,379	0	1,438	355	15	252	0	319
Haverford C.	405	2,343	1,455	0	133	78	673	4	0
U. Northern Iowa	405	2,343	914	12	538	56	712	78	33
Saginaw Valley State U.	407	2,339	124	0	1,278	7	15	0	915
Jacksonville State U.	408	2,312	28	0	0	0	39	0	2,245
Salisbury U.	409	2,290	23	0	446	0	602	52	1,167
Texas Tech U., Health Sciences Center, El Paso	410	2,279	507	0	1,772	0	0	0	0
Skidmore C.	411	2,261	0	0	348	496	570	0	847
CUNY, system office	412	2,241	284	0	0	0	1,957	0	0
Gallaudet U.	413	2,190	0	0	1,551	0	586	0	53
Fayetteville State U.	414	2,168	432	0	739	0	694	0	303
Central Washington U.	415	2,159	5	0	6	275	1,166	47	660
U. of the Pacific	416	2,158	56	0	1,357	112	551	68	14
Towson U.	417	2,144	792	0	219	13	663	93	364
Eastern Michigan U.	418	2,135	128	0	1,110	76	692	1	128
Amherst C.	419	2,118	0	0	553	0	1,565	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Humboldt State U.	420	2,103	0	0	0	0	464	601	1,038
Mount Holyoke C.	421	2,074	0	0	655	178	1,054	0	187
Winston-Salem State U.	422	2,011	453	0	1,092	0	0	466	0
Spelman C.	423	2,004	0	0	512	0	1,492	0	0
U. Northern Colorado	424	1,966	0	0	490	20	765	50	641
U. Louisiana, Monroe	425	1,949	0	0	1,376	9	278	0	286
Toyota Technological Institute, Chicago	426	1,934	434	0	275	0	1,225	0	0
Bowie State U.	427	1,911	73	134	227	41	1,148	4	284
Johnson C. Smith U.	428	1,909	0	0	0	90	255	0	1,564
Carleton C.	429	1,891	0	0	145	16	1,705	0	25
CUNY, New York City C. of Technology	429	1,891	128	0	487	256	1,020	0	0
Claremont Graduate U.	431	1,886	370	0	753	0	583	0	180
Polytechnic U. Puerto Rico	432	1,884	179	0	0	0	684	0	1,021
California State U., Chico	433	1,864	176	0	388	6	437	180	677
Texas Woman's U.	433	1,864	0	0	450	0	133	106	1,175
U. Michigan, Dearborn	435	1,850	253	151	251	22	889	0	284
Texas A&M International U.	436	1,847	0	0	102	37	3	45	1,660
U. North Carolina, Asheville	437	1,846	0	0	556	100	399	87	704
Long Island U.	438	1,839	20	0	1,449	0	349	21	0
SUNY, C. of Optometry	439	1,823	0	0	1,823	0	0	0	0
New School	440	1,819	823	31	0	0	965	0	0
Indiana U. Pennsylvania	441	1,810	19	82	195	9	636	748	121
Hawaii Pacific U.	442	1,809	0	0	790	0	33	700	286
U. Oklahoma, Tulsa	443	1,803	0	0	819	0	477	0	507
Bryn Mawr C.	444	1,801	714	53	247	0	752	0	35
Bowdoin C.	445	1,790	0	0	483	314	894	0	99
Georgia Southern U.	446	1,780	162	0	818	17	532	91	160
Bucknell U.	447	1,764	221	3	290	36	1,091	0	123
Western Carolina U.	448	1,736	0	0	562	0	368	314	492
Clafflin U.	449	1,735	0	646	465	2	622	0	0
Savannah State U.	450	1,709	381	235	368	0	483	0	242
Albany C. of Pharmacy and Health Sciences	451	1,692	0	0	1,692	0	0	0	0
St. John's U., New York	452	1,666	149	0	1,282	0	235	0	0
Grand Valley State U.	453	1,663	68	0	761	71	355	14	394
Morehead State U.	454	1,651	0	0	860	754	25	12	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Harvey Mudd C.	455	1,619	0	4	62	0	1,230	0	323
Occidental C.	456	1,614	71	0	87	51	973	179	253
Bates C.	457	1,607	0	0	614	61	828	0	104
William Paterson U.	458	1,592	0	0	97	0	211	0	1,284
Franklin and Marshall C.	459	1,582	0	0	464	5	1,001	0	112
Alfred U.	460	1,580	967	146	0	13	356	0	98
Oberlin C.	461	1,576	0	0	0	99	1,427	0	50
U. Richmond	462	1,575	2	99	1,049	0	325	45	55
West Texas A&M U.	463	1,565	38	627	0	0	335	226	339
Middlebury C.	464	1,558	59	0	741	38	676	0	44
Touro U.	465	1,540	0	0	1,497	0	43	0	0
Swarthmore C.	466	1,539	0	140	346	128	869	1	55
Black Hills State U.	467	1,535	0	0	434	21	979	0	101
U. Wisconsin-Superior	468	1,527	124	0	97	0	25	0	1,281
CUNY, York C.	469	1,511	71	144	807	59	430	0	0
Western Illinois U.	470	1,495	321	32	0	0	130	98	914
U. Central Arkansas	471	1,462	0	0	741	0	378	115	228
U. Central Oklahoma	472	1,457	58	0	622	0	399	60	318
Winthrop U.	473	1,438	0	0	458	0	383	0	597
U. Houston-Downtown	474	1,437	9	0	0	0	365	0	1,063
Pennsylvania State U., Behrend	475	1,427	37	0	0	0	381	0	1,009
Reed C.	476	1,423	0	0	321	0	1,040	10	52
Dillard U.	477	1,390	0	0	578	122	245	0	445
Hope C.	478	1,361	26	22	26	89	1,121	65	12
CUNY, Baruch C.	479	1,359	285	330	101	70	478	0	95
Santa Clara U.	480	1,333	80	17	414	2	809	8	3
Appalachian State U.	481	1,332	73	26	184	60	725	58	206
Stephen F. Austin State U.	481	1,332	0	0	36	0	655	560	81
U. of the Sciences Philadelphia	483	1,318	0	0	1,266	0	52	0	0
Northern Kentucky U.	484	1,316	0	0	921	128	244	0	23
Seattle U.	485	1,307	0	0	96	0	1,193	18	0
Hofstra U.	486	1,296	0	0	43	44	1,177	0	32
Coastal Carolina U.	487	1,294	103	82	302	0	513	0	294
Christopher Newport U.	488	1,285	61	213	55	514	321	0	121
Fort Lewis C.	489	1,284	86	134	255	30	509	141	129

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Colorado State U., Pueblo	490	1,282	0	0	0	12	50	0	1,220
U. Wisconsin-Oshkosh	490	1,282	i 201	i 67	i 682	i 52	i 179	i 20	i 81
California State U., Dominguez Hills	492	1,261	0	32	604	0	494	0	131
Salish Kootenai C.	493	1,251	0	0	653	0	328	217	53
U. Nebraska, Kearney	494	1,240	0	0	557	120	320	0	243
U. Alaska, Southeast	495	1,235	0	0	84	3	410	104	634
Benedict C.	496	1,226	44	594	109	2	313	0	164
SUNY, Buffalo State	497	1,225	0	0	234	0	205	0	786
SUNY, Geneseo	498	1,206	0	403	269	72	462	0	0
Colgate U.	499	1,202	82	0	238	210	672	0	0
SUNY, C. Plattsburgh	500	1,197	104	0	199	222	145	0	527
Indiana State U.	501	1,190	0	93	52	14	200	0	831
Loyola Marymount U.	502	1,185	0	0	606	0	415	30	134
Roger Williams U.	503	1,135	0	0	201	10	322	53	549
Williams C.	504	1,131	60	0	168	5	898	0	0
Dine C.	505	1,126	0	0	736	8	53	125	204
Furman U.	506	1,106	0	0	537	6	556	7	0
Palmer C. of Chiropractic, Davenport	507	1,100	0	0	1,100	0	0	0	0
Rutgers, State U. New Jersey, Camden	508	1,096	20	0	344	0	615	0	117
U. Wisconsin-Stevens Point	508	1,096	i 108	i 87	i 592	i 43	i 169	i 20	i 77
Colby C.	510	1,093	10	0	324	4	680	0	75
Keck Graduate Institute	511	1,078	i 112	i 4	i 869	i 7	i 52	i 3	i 31
Trinity C., Hartford	512	1,077	0	0	530	19	528	0	0
U. of the Incarnate Word	513	1,075	714	0	56	0	305	0	0
Grambling State U.	514	1,066	52	0	231	0	424	0	359
Albany State U.	515	1,065	0	0	166	16	249	484	150
Hobart and William Smith Colleges	516	1,047	0	0	0	0	429	158	460
Midwestern U.	517	1,045	0	0	769	0	31	6	239
Keene State C.	518	1,022	0	0	765	52	205	0	0
U. Hartford	519	1,019	19	0	0	771	180	0	49
Oklahoma State U., Center for Health Sciences	520	985	0	4	803	0	54	0	124
U. Illinois, Springfield	521	980	14	0	0	12	0	12	942
Davidson C.	522	973	0	46	325	0	524	0	78
Union C., Schenectady	523	972	0	0	0	105	859	0	8
California State U., Stanislaus	524	964	0	0	0	0	586	65	313

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Saint Michael's C.	524	964	0	0	202	51	711	0	0
U. Puerto Rico, Cayey	526	963	0	0	861	57	45	0	0
CUNY, Medgar Evers C.	527	954	222	0	589	7	130	0	6
U. Ana G. Mendez, Gurabo	528	951	0	0	176	0	200	0	575
Canisius C.	529	943	318	0	126	0	189	2	308
Lewis and Clark C.	530	931	0	201	157	0	573	0	0
Doane U.	531	928	0	0	250	0	678	0	0
New England C. of Optometry	531	928	0	0	928	0	0	0	0
Calvin U.	533	925	170	0	119	9	374	0	253
Trinity U.	534	924	0	0	503	5	416	0	0
Pepperdine U.	535	914	84	0	96	0	614	0	120
Lafayette C.	536	910	117	0	286	5	414	13	75
Vassar C.	537	909	0	0	20	0	830	0	59
Chicago State U.	538	898	0	0	98	0	748	52	0
Eastern Washington U.	539	864	2	192	216	34	145	2	273
Pomona C.	540	863	115	0	86	38	616	0	8
American Samoa Community C.	541	860	0	0	0	0	0	860	0
Providence C.	542	857	0	0	457	0	400	0	0
Des Moines U.	543	845	0	0	697	0	77	0	71
Gettysburg C.	544	841	0	0	0	0	541	14	286
Mills C.	545	840	0	0	0	0	314	0	526
Texas A&M U.-Commerce	546	836	0	110	0	113	444	15	154
U. Puerto Rico, Humacao	547	828	0	0	388	30	360	0	50
U. Wisconsin-Green Bay	548	821	120	49	407	28	116	36	65
U. Texas, Tyler	549	813	7	0	270	0	354	164	18
Macalester C.	550	805	0	0	69	43	625	0	68
Southeastern Louisiana U.	551	803	0	0	234	7	81	6	475
Southern Connecticut State U.	551	803	0	0	358	76	292	68	9
Augustana U.	553	784	0	0	553	55	176	0	0
U. Wisconsin-La Crosse	554	777	52	0	113	4	276	0	332
Kenyon C.	555	776	0	0	95	0	681	0	0
Milwaukee School of Engineering	556	764	0	78	531	5	150	0	0
National U. of Natural Medicine	557	760	0	0	760	0	0	0	0
Erikson Institute	558	753	0	0	114	0	257	0	382
Connecticut C.	559	752	227	0	126	0	205	111	83

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Edward Via C. of Osteopathic Medicine	560	749	28	0	719	0	0	0	2
U. Wisconsin-Eau Claire	561	748	0	53	193	16	468	0	18
Bethune-Cookman U.	562	735	30	95	133	0	206	0	271
St. Cloud State U.	563	733	88	0	0	0	266	0	379
Claremont McKenna C.	564	730	0	0	70	0	660	0	0
U. Houston-Clear Lake	565	718	21	0	140	0	106	0	451
West Chester U. Pennsylvania	566	715	318	0	155	1	219	20	2
Minnesota State U., Mankato	567	708	44	0	0	0	374	32	258
Whitman C.	568	704	2	0	403	6	290	0	3
Salus U.	569	696	0	0	696	0	0	0	0
Fort Hays State U.	570	694	0	0	99	18	116	112	349
Mercyhurst U.	571	668	i 63	i 20	i 493	i 15	i 54	i 2	i 21
Biola U.	572	641	i 99	i 30	i 409	i 14	i 65	i 1	i 23
La Sierra U.	573	640	0	0	0	0	32	0	608
SUNY, C. Brockport	574	638	67	0	44	0	156	0	371
U. North Georgia	575	637	342	30	0	45	208	0	12
SUNY, Oswego	576	628	0	0	58	0	288	0	282
California State U., Maritime Academy	577	617	0	0	0	0	617	0	0
U. Ana G. Mendez, Cupey	578	608	0	0	98	46	427	37	0
Eastern Kentucky U.	579	598	0	0	155	0	208	59	176
Fairfield U.	580	594	0	2	0	21	478	62	31
Northwestern State U. Louisiana	581	579	0	0	34	0	0	0	545
U. of Mary Washington	582	577	0	0	5	0	128	0	444
U.S. Army War C.	583	567	i 423	i 0	i 42	i 1	i 50	i 12	i 39
Stockton U.	584	553	269	0	50	4	0	0	230
Willamette U.	585	549	0	0	16	8	422	3	100
Purdue U., Fort Wayne	586	544	64	0	71	0	309	61	39
Central Connecticut State U.	587	540	0	0	5	102	38	26	369
Liberty U.	588	535	150	0	385	0	0	0	0
Bradley U.	589	515	28	0	23	49	275	0	140
California State U., Channel Islands	590	500	0	0	0	0	406	0	94
Augsburg U.	591	496	0	0	34	32	430	0	0
U. Massachusetts, central office	592	488	0	0	223	0	88	0	177
Drake U.	593	463	9	0	109	81	112	17	135
C. Wooster	594	456	98	0	77	0	255	26	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Alaska Pacific U.	595	451	0	0	112	97	182	19	41
Oregon Institute of Technology	596	437	125	42	93	17	66	10	84
A. T. Still U.	597	434	0	0	434	0	0	0	0
Kettering U.	598	402	0	3	0	0	297	0	102
Yeshiva U.	599	380	34	0	145	0	169	0	32
Saint Joseph's U.	600	373	0	0	104	0	136	0	133
Grinnell C.	601	364	0	0	13	0	346	5	0
Niagara U.	602	355	0	0	65	0	0	0	290
Philadelphia C. of Osteopathic Medicine	603	346	0	0	84	0	262	0	0
Pittsburg State U.	604	339	0	0	160	12	152	0	15
Sul Ross State U.	604	339	0	0	0	0	0	14	325
U. Wisconsin-Platteville	604	339	106	8	35	11	65	69	45
Florida Polytechnic U.	607	338	253	0	0	6	78	0	1
Marshall B. Ketchum U.	608	336	29	0	272	1	10	0	24
Colorado C.	609	324	15	0	0	28	281	0	0
Dickinson C.	609	324	0	0	116	0	41	23	144
U. California, Office of the President	611	319	0	0	202	0	0	0	117
U. of St. Thomas (MN)	612	313	7	0	4	20	253	0	29
Northern Michigan U.	613	311	0	0	159	0	87	0	65
Lawrence Technological U.	614	304	31	0	0	0	94	0	179
Wheaton C., Wheaton	615	301	0	15	211	0	75	0	0
Austin Peay State U.	616	295	0	0	0	30	205	0	60
Elon U.	617	284	78	0	76	0	129	0	1
Maine Maritime Academy	618	282	0	0	0	3	39	0	240
Andrews U.	619	278	0	0	0	183	95	0	0
California Lutheran U.	620	256	107	0	0	0	52	0	97
St. Olaf C.	621	255	0	0	0	0	213	0	42
Rhode Island School of Design	622	246	3	2	8	2	83	47	101
Manhattan C.	623	245	0	0	55	0	166	0	24
U. Portland	624	218	0	0	0	48	110	60	0
Allegheny C.	625	217	0	0	0	0	217	0	0
U. North Carolina, general administration	626	213	213	0	0	0	0	0	0
U. San Francisco	627	198	0	0	19	0	171	0	8
U. Minnesota, Morris	628	195	0	0	0	0	195	0	0

TABLE 25

Federally financed higher education R&D expenditures, ranked by all federal R&D expenditures, by federal agency: FY 2019

(Dollars in thousands)

Institution	Rank	All federal R&D expenditures	DOD	DOE	HHS	NASA	NSF	USDA	Other ^a
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	629	191	27	0	130	0	34	0	0
Hamilton C.	630	190	0	0	0	0	73	0	117
Eastern Connecticut State U.	631	181	0	0	0	13	157	0	11
Albion C.	632	180	0	0	0	110	70	0	0
Heidelberg U.	633	164	0	0	0	0	0	135	29
Franklin W. Olin C. of Engineering	634	162	0	0	0	0	141	0	21
Emerson C.	635	138	0	0	42	0	64	0	32
Azusa Pacific U.	636	137	72	0	0	0	58	0	7
U. Michigan, Flint	637	122	0	0	9	1	0	0	112
Monmouth U.	638	120	0	0	0	0	0	0	120
Pennsylvania State U., Harrisburg	639	80	22	0	36	0	17	0	5
Rider U.	640	68	0	0	39	0	29	0	0
C. of Saint Benedict	641	45 i	0 i	0 i	0 i	0 i	45 i	0 i	0 i
Texas A&M U.-Central Texas	641	45	0	0	0	0	45	0	0
Roseman U. of Health Sciences	643	17 i	0 i	0 i	17 i	0 i	0 i	0 i	0 i
Babson C.	644	14	0	0	0	0	14	0	0

i = imputed.

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

^a Includes all other agencies reported.

^b Johns Hopkins University includes the Applied Physics Laboratory, with \$1,666,993 thousand in federally financed R&D expenditures in FY 2019.

^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.

Note(s):

Agency-specific rankings are available in table 59 through table 65. Institutions reporting zero federal expenditures for FY 2019 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 2019.