Table 22. Higher education R&D expenditures, ranked by all R&D expenditures, by R&D field: FY 2016
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Computer and information sciences[a]	Geosciences, atmospheric sciences, and ocean sciences[a]	Life sciences	Mathematics and statistics[a]	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering	All non-S&E fields
	All institutions	71,833,308	2,077,884	3,087,774	40,887,850	681,661	4,893,565	1,218,721	2,366,571	1,076,636	11,381,727	4,160,919
1	Johns Hopkins U.[b]	2,431,180	142,021 i	33,628 i	904,527 i	55,510 i	181,885 i	4,934 i	9,130 i	66,935 i	1,026,629 i	5,981 i
2	U. Michigan, Ann Arbor	1,436,448	8,162	13,522	784,654	18,405	54,868	21,397	160,254	2,036	293,930	79,220
3	U. Pennsylvania	1,296,429	17,589	1,724	942,243	6,173	39,426	20,638	41,676	9,998	61,366	155,596
4	U. California, San Francisco	1,294,261	0	0	1,237,736	0	56,525	0	0	0	0	0
5	U. Washington, Seattle	1,277,679	23,467	117,932	832,215	6,088	54,819	10,630	19,336	158	133,128	79,906
6	U. Wisconsin-Madison	1,157,680	21,226	54,306	654,896	6,950	75,530	9,103	41,370	40,615	147,315	106,369
7	U. California, San Diego	1,087,117	27,630	166,470	650,484	5,008	68,169	18,909	16,273	11,840	114,646	7,688
8	Harvard U.	1,077,253	11,229	37,326	599,596	11,866	82,643	7,588	100,223	91,348	70,131	65,303
9	Stanford U.	1,066,269	25,258	17,302	700,514	7,500	100,544	17,215	18,385	0	125,633	53,918
10	Duke U.	1,055,778	5,271	10,214	888,830	10,238	19,074	6,996	28,677	0	74,746	11,732
11	U. North Carolina, Chapel Hill	1,045,338	15,988	17,709	765,284	3,552	35,524	51,044	94,310	141	29,576	32,210
12	U. California, Los Angeles	1,037,528	14,014	32,350	724,967	11,456	61,909	18,335	40,072	19,948	78,962	35,515
13	Cornell U.	974,199	21,673	4,742	676,105	2,988	105,986	12,740	43,438	0	88,512	18,015
14	Massachusetts Institute of Technology	946,159	74,755	54,193	124,982	9,399	137,188	2,612	26,903	22,156	427,923	66,048
15	U. Minnesota, Twin Cities	910,181	16,151	13,960	610,920	9,804	40,569	27,243	36,009	0	117,858	37,667
16	Texas A&M U., College Station and Health Science Center	892,718	20,849	113,893	329,855	10,737	56,123	3,444	28,431	6,207	290,413	32,766
17	U. Pittsburgh, Pittsburgh	889,793	9,268	12,513	747,123	3,241	29,135	22,458	4,174	11,214	41,382	9,285
18	Yale U.	881,765	9,137	7,252	740,937	2,393	59,337	10,061	10,361	221	26,271	15,795
19	U. Texas M. D. Anderson Cancer Center	852,095	0	0	792,743	18,514	15,303	17,548	7,987	0	0	0
20	Columbia U. in the City of New York	837,312	20,091	84,289	570,751	3,523	37,518	3,863	10,079	0	63,596	43,602
21	Pennsylvania State U., University Park and Hershey Medical Center	825,561	47,112	42,273	261,912	34,141	72,314	22,464	41,232	303	288,234	15,576
22	Ohio State U.	818,464	23,112	10,523	473,816	6,342	36,459	6,743	12,827	33,881	147,590	67,171
23	New York U.	809,739	17,434	145	598,566	10,101	17,360	23,719	24,286	0	59,782	58,346
24	U. Florida	791,294	18,436	15,833	561,894	1,485	28,226	6,403	14,722	398	94,548	49,349
25	Georgia Institute of Technology	790,706	114,787	11,384	23,915	7,185	40,248	5,868	9,388	9,124	558,219	10,588
26	U. California, Berkeley	774,255	9,899	10,487	212,963	7,496	158,628	13,803	50,639	85,522	185,049	39,769
27	U. California, Davis	741,892	9,024	26,861	525,165	4,240	32,156	2,608	29,254	7,574	89,188	15,822
28	Washington U., Saint Louis	741,115	5,242	5,649	661,793	519	18,899	5,871	1,251	3,268	24,130	14,493
29	Northwestern U.	713,491	2,197	1,655	481,869	2,293	67,071	4,667	16,924	23,848	84,243	28,724
30	U. Southern California	702,866	87,870	19,128	422,781	1,464	20,210	10,137	33,595	961	65,883	40,837
31	Vanderbilt U.	640,842	0	4,146	495,654	1,361	28,783	10,459	5,467	0	66,481	28,491
32	Rutgers, State U. New Jersey, New Brunswick	630,212	9,803	44,357	364,978	16,687	44,532	17,418	32,630	6,151	74,092	19,564
33	U. Illinois, Urbana-Champaign	625,180	94,722	7,211	202,597	4,474	71,513	20,964	10,794	4,483	170,506	37,916
34	U. Texas, Austin	621,692	78,370	70,200	78,582	9,373	83,505	8,518	15,135	4,612	217,413	55,984
35	Emory U.	614,527	314	939	559,020	2,133	23,528	3,444	3,384	0	5,209	16,556
36	Michigan State U.	613,369	14,567	2,917	292,851	9,830	164,644	9,633	20,445	13,134	45,183	40,165
37	Purdue U., West Lafayette	606,302	18,896	5,335	206,928	6,210	33,624	4,876	14,457	4,505	223,048	88,423
38	U. Arizona	604,464	8,388	32,085	323,076	2,656	125,247	2,424	22,458	13,211	62,867	12,052
39	Baylor C. of Medicine	572,527	0	0	572,527	0	0	0	0	0	0	0
40	Icahn School of Medicine at Mt. Sinai	540,296	0	0	540,296	0	0	0	0	0	0	0
41	U. Maryland, College Park	539,388	44,663	50,463	127,030	5,917	98,474	12,852	40,643	9,166	127,965	22,215
42	U. Alabama, Birmingham	537,825	2,466	2,022	472,114	1,157	4,898	5,235	241	0	43,359	6,333
43	Virginia Polytechnic Institute and State U.	521,773	27,386	4,385	221,801	2,901	15,547	3,535	7,799	698	228,281	9,440
44	Arizona State U.	518,239	16,969	44,218	89,938	5,394	19,340	17,946	71,792	48,482	127,332	76,828
45	Indiana U., Bloomington	508,766	23,244	3,721	344,005	2,545	31,444	17,072	33,828	12,032	3,164	37,711
46	U. South Florida, Tampa	505,965	7,068	25,346	306,387	2,441	10,427	12,453	39,231	1,869	42,590	58,153
47	North Carolina State U.	489,918	12,009	24,589	227,500	23,522	18,127	3,457	7,270	14,861	147,704	10,879
48	U. Iowa	473,362	2,496	1,941	348,075	835	22,073	7,653	13,457	4,091	47,097	25,644
49	U. Colorado Boulder	453,123	8,701	138,163	29,536	2,237	72,578	13,698	12,904	23,887	132,146	19,273
50	U. Colorado Denver and Anschutz Medical Campus	443,705	236	243	421,365	761	741	1,860	1,133	142	6,212	11,012
51	U. Texas Southwestern Medical Center	442,666	0	0	442,666	0	0	0	0	0	0	0
52	U. Cincinnati	430,579	121	1,398	340,897	2,100	8,398	2,954	10,369	1,052	34,412	28,878
53	U. Chicago	420,997	26,991	7,475	270,358	6,098	49,128	8,930	22,356	0	11,155	18,506
54	U. Georgia	410,345	3,599	23,210	253,828	6,500	13,066	17,225	18,272	13,506	11,314	49,825
55	Case Western Reserve U.	405,655	0	740	346,525	560	11,300	1,897	3,100	158	39,547	1,828
56	U. Virginia, Charlottesville	397,458	7,886	4,898	245,218	1,021	31,756	10,719	9,690	7,923	48,815	29,532
57	Boston U.	395,921	3,913	7,222	260,922	4,003	25,220	12,230	4,013	1,594	60,000	16,804
58	U. Maryland, Baltimore	393,876	0	1,484	367,711	0	0	0	0	0	5,935	18,746
59	SUNY, U. Buffalo	389,569	13,314	3,325	232,401	857	13,533	4,266	9,420	1,509	94,683	16,261
60	California Institute of Technology	371,060	1,220	32,029	65,679	9,809	185,449	46	0	4,086	57,886	14,856
61	Scripps Research Institute	364,670	0	0	364,670	0	0	0	0	0	0	0
62	U. Miami	358,441	1,140	64,671	262,779	344	8,009	13,105	381	128	5,133	2,751
63	U. Utah	350,212	28,660	13,199	209,924	3,453	22,257	3,954	2,870	0	38,353	27,542
64	U. Kentucky	349,661	2,890	2,672	250,625	828	8,254	5,017	1,556	17,687	50,766	9,366
65	Brown U.	347,016	11,838	6,731	105,618	18,807	25,132	6,202	23,186	6,124	31,735	111,643
66	U. Rochester	346,165	3,209	2,136	231,254	517	82,756	8,192	51	6,016	10,358	1,676
67	U. California, Irvine	345,319	12,722	9,962	192,789	4,345	35,534	3,736	11,474	0	55,020	19,737
68	U. Illinois, Chicago	337,296	12,101	346	243,697	5,276	13,920	4,010	9,249	6,156	19,610	22,931
69	Rockefeller U.	335,136	7,597	807	316,356	1,534	8,842	0	0	0	0	0
70	Washington State U.	334,082	4,322	9,811	185,075	1,340	40,781	3,094	16,300	575	46,133	26,651
71	Colorado State U., Fort Collins	331,862	4,184	38,038	212,291	3,297	12,926	3,032	8,914	311	40,075	8,794
72	Oregon Health and Science U.	331,524	0	6,299	301,894	0	0	3,653	0	5,196	12,372	2,110
73	Iowa State U.	328,385	7,240	2,635	159,880	12,770	24,170	3,291	8,587	6,161	92,088	11,563
74	Carnegie Mellon U.	319,168	123,569	561	11,817	7,447	14,883	9,424	13,675	20,311	102,696	14,785
75	SUNY, Polytechnic Institute	316,680	457	1	3,986	12	0	0	0	0	312,224	0
76	Princeton U.	305,147	13,288	28,819	66,259	9,923	70,922	3,347	38,167	0	59,250	15,172
77	U. Hawaii, Manoa	304,476	15,137	96,094	120,669	162	27,388	171	2,877	17,276	21,090	3,612
78	Albert Einstein C. of Medicine	300,909	0	0	300,909	0	0	0	0	0	0	0
79	U. Kansas	297,933	3,608	15,059	179,404	1,593	11,159	6,523	5,222	2,087	17,001	56,277
80	U. Nebraska, Lincoln	294,856	8,679	3,613	156,112	6,143	26,829	9,028	9,589	3,065	41,427	30,371
81	Louisiana State U., Baton Rouge	291,972	3,917	32,845	162,566	2,063	21,641	960	3,718	12,154	42,710	9,398
82	Florida State U.	268,288	8,521	19,820	37,909	4,745	60,372	27,178	19,635	18,801	46,346	24,961
83	U. Connecticut	265,522	4,317	9,385	162,256	1,586	14,796	19,391	6,335	915	38,977	7,564
84	Medical U. South Carolina	260,098	0	0	260,098	0	0	0	0	0	0	0
85	U. Oklahoma, Norman and Health Science Center	259,998	2,838	44,835	140,303	224	11,711	1,281	14,112	0	24,935	19,759
86	Uniformed Services U. of the Health Sciences	256,203	0	0	237,851	0	0	18,352	0	0	0	0
87	Oregon State U.	254,275	7,109	45,735	128,013	1,317	5,280	1,035	5,064	14,998	43,990	1,734
88	U. Massachusetts, Medical School	253,099	0	0	253,099	0	0	0	0	0	0	0
89	U. Missouri, Columbia	248,300	2,042	1,088	176,502	1,906	7,156	6,115	2,818	31	40,947	9,695
90	Temple U.	246,392	4,357	1,250	186,222	1,501	14,548	11,983	3,329	2,216	6,973	14,013
91	U. Central Florida	242,308	19,973	9,875	27,489	4,388	30,530	4,981	17,433	3,499	69,401	54,739
92	U. New Mexico	239,550	5,567	6,042	144,397	929	8,400	7,035	9,822	8,263	37,136	11,959
93	Mississippi State U.	239,446	10,515	2,362	115,691	1,026	8,942	1,670	33,517	5,288	50,928	9,507
94	U. Texas Health Science Center, Houston	237,016	0	0	237,016	0	0	0	0	0	0	0
95	Dartmouth C.	233,636	5,543	2,030	162,794	1,603	11,423	4,746	5,000	3,034	28,324	9,139
96	George Washington U.	231,829	6,501	667	152,988	1,407	6,301	3,189	25,495	3,020	15,416	16,845
97	SUNY, Stony Brook U.	230,621	11,468	28,524	92,464	8,150	37,300	5,954	1,842	16,874	25,366	2,679
98	U. California, Santa Barbara	230,139	11,732	32,012	29,415	1,241	34,037	5,348	11,096	0	95,026	10,232
99	Virginia Commonwealth U.	225,999	601	1,115	167,768	1,208	3,049	9,434	2,724	0	16,251	23,849
100	Wayne State U.	221,537	2,388	460	167,690	1,276	15,652	4,281	2,997	2,957	16,605	7,231
101	U. Massachusetts, Amherst	214,576	20,596	3,849	83,957	2,495	23,246	6,902	4,807	754	47,257	20,713
102	Woods Hole Oceanographic Institution	212,374	0	148,593	0	0	0	0	0	0	63,781	0

103	U. South Carolina, Columbia	209,271	1,227	5,000	112,848	2,353	14,476	7,646	4,684	2,016	33,228	25,793
104	U. Notre Dame	202,216	9,309	0	28,458	4,419	41,411	5,995	7,097	8,544	69,954	27,029
105	Medical C. Wisconsin	199,925	0	0	199,925	0	0	0	0	0	0	0
106	U. Texas Health Science Center, San Antonio	194,885	0	0	194,885	0	0	0	0	0	0	0
107	Kansas State U.	193,254	3,378	1,867	127,293	1,043	9,808	4,281	1,182	8,490	24,591	11,321
108	Tufts U.	189,085	3,801	107	119,885	1,975	9,492	9,802	13,818	0	22,131	8,074
109	Clemson U.	183,965	4,277	0	46,900	2,217	9,288	610	5,180	0	64,870	50,623
110	Georgetown U.	183,788	3,063	77	126,786	253	5,659	1,822	25,074	0	0	21,054
111	U. Tennessee, Knoxville	183,268	17,675	5,314	17,529	928	17,602	1,288	6,875	19,739	90,290	6,028
112	U. Louisville	182,454	280	264	146,880	136	1,745	1,804	1,171	1,978	19,105	9,091
113	Oklahoma State U., Stillwater	181,617	948	4,690	90,083	2,307	6,788	1,981	1,519	4,457	37,394	31,450
114	Utah State U.	180,590	4,959	2,216	61,078	577	3,965	5,606	1,339	0	99,090	1,760
115	U. Texas Medical Branch	179,541	0	0	176,427	0	0	0	0	0	3,114	0
116	U. Delaware	176,295	4,709	18,814	59,725	1,833	23,187	5,346	15,357	1,046	39,367	6,911
117	Texas Tech U.	172,521	3,641	13,297	41,678	4,283	13,978	8,914	7,800	0	39,175	39,755
118	West Virginia U.	172,477	600	13,090	102,088	1,129	9,475	1,113	3,546	512	32,948	7,976
119	Florida International U.	170,846	14,431	6,422	39,780	972	8,447	18,818	10,092	4,310	30,559	37,015
120	Wake Forest U.	170,006	127	0	165,939	157	3,048	179	83	0	0	473
121	Tulane U.	165,438	365	2,781	126,733	2,077	6,205	1,278	7,201	0	6,658	12,140
122	U. Houston	162,049	5,964	5,365	28,866	2,535	29,938	13,923	3,846	9	51,635	19,968
123	Georgia State U.	161,314	3,266	835	54,393	1,336	15,268	8,168	20,465	0	0	57,583
124	North Dakota State U.	156,297	2,878	439	103,685	979	10,684	4,105	12,250	4,077	13,009	4,191
125	Rice U.	154,543	11,729	4,775	13,400	6,687	33,165	2,600	9,310	1,076	69,113	2,688
126	Auburn U., Auburn	152,381	1,331	2,633	85,307	381	6,415	452	4,217	3,103	45,572	2,970
127	U. California, Riverside	152,233	6,069	8,887	77,607	967	17,972	3,681	4,026	1,941	26,118	4,965
128	U. California, Santa Cruz	151,192	3,155	20,731	23,177	458	30,051	759	4,425	1,550	61,931	4,955
129	U. Nebraska, Medical Center	150,694	0	0	150,694	0	0	0	0	0	0	0
130	U. Arkansas, Fayetteville	145,020	874	3,178	82,829	201	8,479	904	3,978	0	32,205	12,372
131	U. New Hampshire	145,015	2,124	54,491	44,280	173	3,734	1,976	8,989	780	19,459	9,009
132	U. Alaska, Fairbanks	144,259	1,850	64,729	26,194	260	12,644	0	2,216	13,590	20,493	2,283
133	New Jersey Institute of Technology	130,812	7,004	2,531	7,213	3,947	9,006	0	529	3,026	61,979	35,577
134	Northeastern U.	129,040	14,358	3,652	32,881	1,077	17,121	4,859	7,383	0	40,243	7,466
135	Drexel U.	127,909	5,393	0	72,577	553	2,223	4,588	2,529	614	32,312	7,120
136	U. Arkansas for Medical Sciences	125,378	0	0	125,378	0	0	0	0	0	0	0
137	Thomas Jefferson U.	122,396	0	0	122,396	0	0	0	0	0	0	0
138	U. Mississippi	121,665	604	3,176	72,498	1,063	12,648	1,026	4,999	0	6,646	19,005
139	SUNY, U. Albany	120,232	1,818	17,147	73,513	133	2,970	233	9,386	0	405	14,627
140	U. Dayton	116,589	2,036	194	547	7	1,848	114	96	642	105,879	5,226
141	U. Vermont	115,955	628	290	94,943	510	509	1,587	872	6,467	9,800	349
142	New Mexico State U.	114,619	1,890	3,322	40,272	191	18,748	154	300	2,681	41,377	5,684
143	Montana State U., Bozeman	112,073	724	5,802	48,622	828	15,519	819	1,032	6,683	22,150	9,894
144	U. Wyoming	112,056	1,033	11,830	46,064	5,445	3,587	40	2,801	0	37,752	3,504
145	George Mason U.	108,899	9,916	11,913	18,620	1,405	4,506	4,744	30,719	0	10,826	16,250
146	U. Texas, Dallas	106,205	8,575	1,541	23,869	1,117	13,644	1,234	2,882	3,953	42,513	6,877
147	U. Idaho	102,457	2,646	4,765	64,623	1,029	3,238	54	1,977	7,155	13,867	3,103
148	Rensselaer Polytechnic Institute	101,127	9,089	2,593	4,093	1,795	11,910	2,138	837	0	61,452	7,220
149	U. Oregon	100,754	5,198	3,770	32,078	724	11,456	9,992	5,413	0	0	32,123
150	U. Rhode Island	97,900	636	43,504	23,299	0	4,891	1,502	2,753	7,428	6,549	7,338
151	U. Alabama, Huntsville	96,865	27,819	13,440	2,004	596	9,888	289	2,362	0	35,151	5,316
152	U. Nevada, Reno	95,475	2,859	12,115	49,879	442	6,324	3,062	1,093	2,117	12,782	4,802
153	U. Texas, El Paso	91,330	5,271	3,120	27,388	1,141	8,117	3,055	5,666	1,895	25,328	10,349
154	San Diego State U.	90,722	1,940	3,362	32,682	3,385	7,315	12,499	5,046	1,290	6,985	16,218
155	Cold Spring Harbor Laboratory	88,943	0	0	88,943	0	0	0	0	0	0	0
156	U. Texas, Arlington	87,386	4,471	1,323	18,761	2,053	12,629	1,121	108	0	41,889	5,031
157	SUNY, Binghamton U.	85,192	5,197	1,484	7,170	2,307	14,161	9,878	10,919	0	24,216	9,860
158	Syracuse U.	84,651	4,441	1,720	8,450	690	10,791	2,392	6,762	286	18,332	30,787
159	U. Louisiana, Lafayette	80,099	8,987	2,254	30,582	1,582	2,861	194	2,668	2,064	7,792	21,115
160	U. Maine	79,222	910	21,622	26,079	154	3,389	256	1,523	7,763	16,880	646
161	Cleveland State U.	77,720	0	0	46,418	1,288	1,638	566	6,036	0	14,719	7,055
162	Brandeis U.	73,435	1,347	0	25,824	375	8,790	2,514	18,021	0	0	16,564
163	Rush U.	73,351	0	0	69,286	0	0	4,065	0	0	0	0
164	Michigan Technological U.	72,536	2,065	13,325	3,405	2,114	3,843	792	1,796	124	41,399	3,673
165	U. Tennessee, Health Science Center	71,547	0	0	70,805	0	0	0	0	40	702	0
166	Augusta U.	71,338	9	18	71,304	0	0	0	7	0	0	0
167	U. North Dakota	70,275	722	7,348	14,007	0	6,945	501	684	785	38,153	1,130
168	U. Maryland, Baltimore County	70,166	1,607	21,300	3,748	1,013	13,934	1,257	9,907	1,382	15,256	762
169	U. Montana, Missoula	70,059	121	2,376	44,638	359	5,260	490	16,750	0	0	65
170	Old Dominion U.	70,054	1,710	5,222	11,212	4,616	6,854	1,659	545	2,464	18,815	16,957
171	U. Tennessee, Knoxville, Institute of Agriculture	69,136	0	0	54,083	0	0	0	0	7,191	7,862	0
172	U. Massachusetts, Lowell	68,494	5,581	469	14,861	410	13,841	1,307	4,540	0	17,428	10,057
173	Wichita State U.	65,930	0	49	884	114	629	949	19	0	50,448	12,838
174	Naval Postgraduate School	65,529	6,264	6,837	250	3,081	8,486	138	4,048	6,728	18,726	10,971
175	U. Massachusetts, Boston	64,223	2,536	6,696	10,872	112	1,726	3,929	8,089	462	798	29,003
176	C. of William and Mary and Virginia Institute of Marine Science	63,027	2,485	33,396	2,417	339	6,249	260	9,345	0	0	8,536
177	U. Nevada, Las Vegas	62,825	1,705	2,541	15,916	607	9,343	1,710	4,537	0	13,046	13,420
178	U. Alabama, Tuscaloosa	62,549	13,443	1,597	5,174	127	6,841	3,997	3,822	0	18,394	9,154
179	CUNY, City C.	62,484	1,792	1,534	11,623	977	10,344	1,238	206	1,403	32,237	1,130
180	Colorado School of Mines	60,931	0	10,458	0	355	12,741	0	1,182	0	34,840	1,355
181	South Dakota State U.	60,677	1	5,879	42,500	435	3,602	0	1,678	0	6,487	95
182	U. Texas, San Antonio	59,831	6,351	893	13,205	331	6,935	528	5,313	1,430	14,397	10,448
183	U. Wisconsin-Milwaukee	59,813	462	8,732	8,248	1,178	12,875	2,504	3,430	2,288	10,944	9,152
184	U. Southern Mississippi	59,363	1,154	24,064	7,695	0	11,550	0	1,908	0	824	12,168
185	Ohio U.	59,117	943 i	2,237 i	21,079 i	118 i	5,839 i	2,500 i	3,035 i	0 i	20,077 i	3,289 i
186	U. Akron	58,817	207	481	1,927	249	11,686	889	431	172	41,309	1,466
187	Indiana U.-Purdue U., Indianapolis	57,853	2,591	1,043	20,695	1,083	1,524	4,175	12,139	3,352	5,448	5,803
188	American U.	57,064	0	436	2,645	1,890	1,809	2,821	13,273	5,296	0	28,894
189	Portland State U.	56,572	2,034	1,411	10,548	782	3,946	1,697	10,287	921	7,091	17,855
190	Wright State U.	55,484	4,271	800	17,525	340	2,559	1,479	19	291	27,957	243
191	U.S. Air Force Academy	55,358	4,585	0	485	572	5,231	0	2,771	0	37,015	4,699
192	U. Maryland, Center for Environmental Science	54,974	0	50,127	2,734	0	0	0	0	0	0	2,113
193	Boston C.	54,469	343	6,106	10,996	1,084	7,978	3,300	10,917	0	0	13,745
194	Texas State U.	54,298	1,345	3,387	7,093	582	3,088	128	3,180	7,897	3,364	24,234
195	Southern Illinois U., Carbondale	53,172	702	1,025	40,786	148	2,240	76	1,256	1,980	4,959	0
196	U. North Texas, Health Science Center	50,567	0	0	50,567	0	0	0	0	0	0	0
197	U. Toledo	50,019	0	3,228	23,360	117	6,974	59	144	0	11,805	4,332
198	U. Memphis	48,321	2,128	3,868	8,812	1,039	1,880	8,236	2,437	4,101	7,873	7,947
199	U. South Alabama	46,670	2,070	3,748	33,736	68	326	71	414	0	2,033	4,204
200	U. Puerto Rico, Medical Sciences Campus	46,232	0	0	46,232	0	0	0	0	0	0	0
201	Yeshiva U.	46,130	0	0	46,130	0	0	0	0	0	0	0
202	Rochester Institute of Technology	45,518	3,431	1,983	631	1,059	11,992	108	2,854	0	17,894	5,566
203	Florida A&M U.	45,390	133	3,080	21,178	39	2,638	399	9	2,790	2,590	12,534
204	Louisiana State U., Health Sciences Center – New Orleans	43,067	0	0	43,067	0	0	0	0	0	0	0
205	Loyola U., Chicago	42,672	102	0	38,258	495	1,132	913	252	0	0	1,520
206	Brigham Young U., Provo	42,304	1,495	586	10,704	1,417	5,172	1,081	1,085	0	13,972	6,792
207	Saint Louis U.	42,151	115	1,442	35,925	135	760	475	80	0	1,494	1,725
208	San Jose State U.	41,662	159	14,267	1,169	0	1,340	19,454	878	119	940	3,336
209	Howard U.	41,038	2,549	3,394	21,237	487	2,220	1,731	1,190	0	7,604	626
210	U. West Florida	40,815	478	7	1,984	993	270	351	8,198	0	29	28,505
211	Texas Tech U., Health Sciences Center	40,235	0	0	38,717	0	0	0	0	0	0	1,518
212	Van Andel Institute	40,040	0 i	0 i	40,040 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i

213	Northern Arizona U.	39,580	152	9,133	23,649	0	1,303	180	393	631	3,359	780
214	U. California, Office of the President	39,051	1,485	0	22,793	0	14,400	0	0	373	0	0
215	Morehouse School of Medicine	38,774	0	0	38,774	0	0	0	0	0	0	0
216	Worcester Polytechnic Institute	37,822	4,140	0	1,214	1,365	2,754	0	669	0	24,779	2,901
217	U. North Texas, Denton	37,106	3,682	230	10,034	733	4,270	1,507	1,277	0	9,125	6,248
218	CUNY, Hunter C.	37,094	550	1,328	13,355	12	4,379	12,320	1,564	0	0	3,586
219	Stevens Institute of Technology	35,765	1,945	6,146	257	164	1,226	0	25	680	23,970	1,352
220	Missouri U. of Science and Technology	35,756	2,836	0	321	166	3,605	28	137	0	28,438	225
221	Kent State U.	34,661	541	594	3,911	534	7,992	2,629	4,369	229	1,152	12,710
222	North Carolina Agricultural and Technical State U.	33,759	1,757	324	17,970	30	709	12	59	67	10,854	1,977
223	SUNY, Downstate Medical Center	33,735	0	0	33,735	0	0	0	0	0	0	0
224	Lehigh U.	32,941	1,181	914	1,258	200	4,607	388	441	207	21,179	2,566
225	Eastern Virginia Medical School	32,550	0	0	32,550	0	0	0	0	0	0	0
226	Boise State U.	32,085	2,341	7,204	7,764	432	927	154	1,533	635	9,394	1,701
227	SUNY, Upstate Medical U.	31,892	0	0	31,892	0	0	0	0	0	0	0
228	Southern Methodist U.	31,819	1,578	7,393	1,883	918	3,613	652	876	397	5,419	9,090
229	Mercer U.	31,735	0	0	5,440	0	10	0	14	140	26,049	82
230	U. Texas Rio Grande Valley	31,007	154	149	18,089	455	3,156	20	395	64	4,918	3,607
231	Alabama A&M U.	30,289 i	1,001 i	1,873 i	16,581 i	301 i	2,307 i	637 i	1,035 i	0 i	5,142 i	1,412 i
232	Air Force Institute of Technology	29,998	2,971	1,616	0	635	4,807	0	0	0	19,693	276
233	Illinois Institute of Technology	29,826	3,455	168	8,654	385	4,035	59	1,129	246	11,299	396
234	Desert Research Institute	29,422	1,998	27,271	107	0	0	0	46	0	0	0
235	U. California, Merced	29,370	0	2,576	5,307	1,121	4,718	1,460	2,189	0	9,814	2,185
236	Marquette U.	28,422	74	0	8,917	1,362	1,990	853	609	151	8,012	6,454
237	San Francisco State U.	28,273	893	4,766	11,708	573	2,745	1,877	1,051	0	1,536	3,124
238	U. North Carolina, Charlotte	27,815	6,048	306	2,861	796	4,056	170	1,458	0	7,915	4,205
239	U. Minnesota, Duluth	27,528	294	3,106	19,978	366	1,046	16	81	0	2,062	579
240	U. Massachusetts, Dartmouth	26,824	1,049	10,508	2,537	875	1,358	500	824	2	6,710	2,461
241	Baylor U.	26,767	575	2,211	4,522	605	7,318	989	1,435	1,349	3,233	4,530
242	Florida Atlantic U.	26,750	888	217	15,877	216	1,324	1,678	29	0	4,929	1,592
243	U. Missouri, Kansas City	26,292	760	612	16,378	79	1,925	808	669	0	2,724	2,337
244	U. South Dakota	25,864	264	179	13,453	157	3,175	1,102	372	0	3,841	3,321
245	U. Puerto Rico, Mayaguez	25,491	0	5,783	3,198	980	2,795	0	343	5	11,804	583
246	Fordham U.	25,374	357	0	2,597	63	194	5,285	973	8	0	15,897
247	East Carolina U.	25,273	209	2,057	20,731	23	353	480	770	0	628	22
248	Catholic U. of America	25,139	0	0	2,640	0	18,956	1,011	312	0	1,441	779
249	Texas A&M U.-Corpus Christi	24,786	337	14,629	2,673	49	377	21	89	1,163	2,573	2,875
250	SUNY, C. of Environmental Science and Forestry	24,504	12	1,369	20,665	0	327	0	627	0	1,221	283
251	Columbia U., Teachers C.	24,124	613	0	2,225	0	0	3,892	16,138	0	0	1,256
252	U. North Carolina, Greensboro	23,965	218	0	6,723	145	2,998	4,589	1,456	0	0	7,836
253	Jackson State U.	23,832	1,553	1,764	3,642	302	7,699	0	207	2,877	4,364	1,424
254	Creighton U.	23,510	795 i	0 i	17,707 i	239 i	1,824 i	359 i	919 i	0 i	0 i	1,667 i
255	U. Puerto Rico, Rio Piedras	23,491	1,170	2,724	4,216	235	8,085	1,270	2,268	1,763	879	881
256	Louisiana State U., Health Sciences Center - Shreveport	23,353	0	0	23,353	0	0	0	0	0	0	0
257	Louisiana Tech U.	23,104	2,329	87	2,320	526	1,995	413	585	0	8,384	6,465
258	Loma Linda U.	22,977	0	0	22,950	0	0	6	0	0	0	21
259	U. Tulsa	22,347	3,239	592	553	34	1,075	816	108	0	14,930	1,000
260	Rutgers, State U. New Jersey, Newark	21,492	353	1,203	9,925	439	1,750	819	2,771	478	674	3,080
261	U. Denver	21,326	397	40	2,179	210	3,030	3,957	2,758	0	4,287	4,468
262	Delaware State U.	21,320	0	597	11,451	1,407	6,929	0	0	0	0	936
263	Texas A&M U.-Kingsville	21,309	0	1,483	15,155	5	133	177	3	136	1,757	2,460
264	Northern Illinois U.	21,225	748	458	3,340	208	3,629	1,625	2,830	169	3,508	4,710
265	U. of the Virgin Islands	21,215	0	0	20,951	0	0	0	0	264	0	0
266	Marshall U.	20,687	55	476	13,674	32	1,579	240	126	179	2,416	1,910
267	California State U., Sacramento	20,676	120	696	1,102	48	162	51	1,245	5,171	9,110	2,971
268	Idaho State U.	20,447	571	2,829	4,880	26	4,680	521	293	234	6,271	142
269	Illinois State U.	20,408	22	490	1,961	903	495	37	1,678	0	0	14,822
270	Albany Medical C.	20,166	0	0	20,166	0	0	0	0	0	0	0
271	U. Alaska, Anchorage	19,883	453	2,757	6,412	0	106	11	1,750	4,911	1,982	1,501
272	New Mexico Institute of Mining and Technology	19,598	1,637	3,339	735	69	3,415	0	0	0	10,043	360
273	Nova Southeastern U.	19,559	1	9,457	8,293	0	0	403	0	0	0	1,405
274	Tennessee State U.	19,520	389	0	13,626	339	964	176	3	0	2,827	1,196
275	CUNY, Queens C.	19,168	1,406	479	10,691	222	1,871	2,117	574	1,178	0	630
276	Western Michigan U. and Homer Stryker M.D. School of Medicine	18,927	347	1,378	2,649	382	1,316	425	415	0	5,062	6,953
277	Florida Institute of Technology	18,860	2,053	1,203	2,884	231	2,913	1,215	0	0	4,697	3,664
278	Northeast Ohio Medical U.	18,823	0	0	18,355	0	0	0	147	321	0	0
279	Southern Illinois U., Edwardsville	18,780	47	1,264	10,635	254	582	28	616	1,635	2,182	1,537
280	California Polytechnic State U., San Luis Obispo	18,081	314	795	5,942	1,227	1,647	77	616	247	6,694	522
281	New School	17,425	3	38	0	0	0	7,594	8,019	0	93	1,678
282	Georgia Southern U.	17,395	112	416	4,581	130	1,005	0	632	7,670	1,919	930
283	Texas Tech U., Health Sciences Center, El Paso	17,391	0	0	16,674	0	0	0	0	0	0	717
284	New York Medical C.	17,311	0	0	17,311	0	0	0	0	0	0	0
285	Duquesne U.	17,089	0	220	10,378	96	2,642	70	27	0	778	2,878
286	Embry-Riddle Aeronautical U.	16,761	87	217	0	186	764	42	133	33	14,947	352
287	Rosalind Franklin U. of Medicine and Science	16,760	0	0	16,491	0	0	269	0	0	0	0
288	Tuskegee U.	16,535	81 i	0 i	9,308 i	21 i	472 i	64 i	30 i	0 i	6,532 i	27 i
289	California State U., Long Beach	16,390	101	437	3,208	617	2,722	2,573	223	2,716	1,578	2,215
290	California State U., Northridge	16,330	106	2,577	2,815	1,210	3,315	531	377	753	787	3,859
291	Humboldt State U.	16,143	0	4,673	5,476	0	72	0	282	0	5,581	59
292	Miami U.	16,057	390	513	7,412	414	1,286	936	633	553	1,974	1,946
293	Oakland U.	16,001	542	0	6,337	51	2,487	321	108	0	4,237	1,918
294	Morehouse C.	15,971	45	0	114	110	2,150	0	17	1,763	0	11,772
295	Morgan State U.	15,727	0	4,578	4,689	646	916	8	584	0	3,932	374
296	Fayetteville State U.	15,725	356	300	1,202	167	616	0	271	0	128	12,685
297	U. New Orleans	15,719	2,055	2,602	946	0	2,606	480	1,824	297	3,741	1,168
298	U. North Carolina, Wilmington	15,715	27	3,879	6,678	0	1,241	275	138	1,030	329	2,118
299	South Dakota School of Mines and Technology	15,396	0	0	0	108	2,371	0	0	0	12,917	0
300	Villanova U.	14,903	659	308	2,341	157	1,377	243	457	101	7,291	1,969
301	Meharry Medical C.	14,768	0	0	14,768	0	0	0	0	0	0	0
302	Bowling Green State U.	14,460	276	531	1,591	1,318	3,292	996	2,969	0	26	3,461
303	Hampton U.	14,225	484	3,537	1,053	178	4,901	0	2,516	0	903	653
304	Central Michigan U.	14,166	86	395	6,901	90	1,904	199	89	0	640	3,862
305	U.S. Military Academy	13,500	1,600	114	328	1,203	18	58	1,166	0	7,794	1,219
306	U. Missouri, Saint Louis	13,460	881	0	5,099	82	1,855	367	1,431	0	1,161	2,584
307	Charles R. Drew U. of Medicine and Science	13,360	0	0	13,360	0	0	0	0	0	0	0
308	South Carolina State U.	13,076 i	0 i	0 i	7,955 i	130 i	897 i	256 i	543 i	0 i	2,296 i	999 i
309	Clarkson U.	12,983	47	0	534	630	1,306	31	41	0	10,210	184
310	Prairie View A&M U.	12,616	257	0	8,193	47	1,603	2	7	16	2,386	105
311	North Carolina Central U.	12,463	0	408	6,021	0	3,406	20	684	0	0	1,924
312	Xavier U. Louisiana	12,084	346	0	4,280	0	7,021	10	11	0	392	24
313	Montana Tech of U. Montana	11,851	0	7,533	539	0	276	0	0	0	3,503	0
314	U. Texas Health Science Center, Tyler	11,799	0	0	11,799	0	0	0	0	0	0	0
315	Ball State U.	11,763	1,075	44	2,166	80	435	46	1,843	0	0	6,074
316	Wellesley C.	11,664	562	0	1,291	32	1,895	19	226	2,871	0	4,768
317	Tennessee Technological U.	11,528	762	6	1,992	46	1,671	140	4	1	5,154	1,752
318	U.S. Naval Academy	11,374	1,485	687	0	564	1,906	0	51	0	6,671	10
319	U. Hawaii, Hilo	11,287	0	446	9,728	82	312	179	313	156	0	71
320	Langston U.	11,178	0	0	10,743	0	0	0	0	0	198	237
321	Bryn Mawr C.	10,867	851	327	820	814	1,345	586	1,393	0	0	4,731
322	California State U., San Bernardino	10,771	623	41	1,987	1,864	1,384	3,396	279	150	1	1,046

323	Western Washington U.	10,743	114	2,552	819	730	815	548	510	720	1,189	2,746
324	Claremont Graduate U.	10,688 i	418 i	0 i	7,462 i	127 i	0 i	160 i	266 i	0 i	1,860 i	395 i
325	Fisk U.	10,635	178	0	4,205	174	3,046	0	0	78	0	2,954
326	U. Nebraska, Omaha	10,459	1,877	74	4,341	29	314	238	1,247	60	913	1,366
327	Rowan U.	10,212	339	10	5,905	0	736	425	59	0	2,639	99
328	C. Charleston	10,189	525	1,174	2,225	228	1,043	354	228	1,178	0	3,234
329	CUNY, Graduate Center	10,098	12	32	731	0	52	321	3,694	12	0	5,244
330	Rhode Island C.	9,943	0	0	767	138	54	257	43	0	0	8,684
331	CUNY, John Jay C. of Criminal Justice	9,688	228	0	445	73	115	2,232	144	13	2	6,436
332	CUNY, Brooklyn C.	9,602	191	655	1,836	206	1,882	1,786	865	1,773	11	397
333	Dillard U.	9,566	0	0	7,046	0	568	0	1,845	0	0	107
334	DePaul U.	9,558	4,879	27	429	0	239	2,953	63	0	0	968
335	Tarleton State U.	9,404	0	3,122	5,718	0	40	0	0	0	0	524
336	St. Edward's U.	9,325	100	370	2,500	0	750	0	0	0	0	5,605
337	Western Kentucky U.	8,926	20	1,510	2,823	4	2,218	297	221	0	387	1,446
338	Azusa Pacific U.	8,898	21	0	2,671	79	454	1,322	428	0	21	3,902
339	U. Arkansas, Pine Bluff	8,873	0	0	6,838	809	493	0	19	714	0	0
340	California State U., Fresno	8,586	18	133	4,944	549	1,061	2	118	0	606	1,155
341	Clark Atlanta U.	8,513	162	0	6,206	0	1,797	0	45	0	272	31
342	Salisbury U.	8,473	221	1,034	2,005	18	182	17	915	128	3	3,950
343	U. Washington, Bothell	8,406	24	419	127	45	10	0	0	0	119	7,662
344	Kennesaw State U.	8,279	238	0	561	93	363	0	257	4,669	98	2,000
345	U. Maryland, Eastern Shore	8,250	0	3,210	4,965	0	0	0	0	0	0	75
346	Alcorn State U.	8,204	0	6	5,452	0	0	0	2,459	0	287	0
347	Arkansas State U., Jonesboro	8,169	186	267	5,595	29	928	156	225	160	612	11
348	Virginia State U.	8,147	0	97	4,928	94	73	422	120	0	2,214	199
349	Ponce Health Sciences U.	7,992	0	0	7,992	0	0	0	0	0	0	0
350	East Tennessee State U.	7,982	0	0	6,779	117	209	367	208	0	0	302
351	U. Michigan, Dearborn	7,904	0	0	158	13	222	56	399	102	6,100	854
352	Purdue U., Calumet	7,812	162	0	577	232	183	0	108	188	3,003	3,359
353	Wesleyan U.	7,740	0	344	2,223	268	2,685	868	372	0	0	980
354	Midwestern U.	7,732	0	0	7,730	0	0	0	2	0	0	0
355	U. Arkansas, Little Rock	7,604	1,301	185	2,023	10	1,002	0	92	0	2,358	633
356	Norfolk State U.	7,593	3,796	0	146	32	1,383	0	0	0	1,839	397
357	U. New England	7,566	0	965	6,297	0	27	0	0	0	0	277
358	Loyola Marymount U.	7,504	7	0	1,329	62	23	427	2,199	0	121	3,336
359	U. Guam	7,402	0	2,627	4,558	0	0	0	166	0	0	51
360	Florida Gulf Coast U.	7,335	39	654	858	0	284	10	63	9	195	5,223
361	Seton Hall U.	7,244	0	0	825	0	0	0	0	0	0	6,419
362	Kentucky State U.	7,178	41	0	6,842	0	51	126	0	0	0	118
363	U. South Florida, Saint Petersburg	7,116	0	0	578	0	0	509	6	0	0	6,023
364	U. Central del Caribe	7,090	0	0	7,090	0	0	0	0	0	0	0
365	Clark U.	6,970	0	940	1,041	0	681	1,632	2,110	0	0	566
366	Gallaudet U.	6,947	270	143	1,113	230	472	1,411	123	209	43	2,933
367	Western U. of Health Sciences	6,895	0	0	3,717	0	0	0	0	0	0	3,178
368	Indiana U.-Purdue U., Fort Wayne	6,872	31	65	2,606	76	119	242	148	13	630	2,942
369	U. Colorado Colorado Springs	6,812	1,904	187	363	113	874	983	335	28	892	1,133
370	Grand Valley State U.	6,764	4	2,976	875	95	626	45	1,874	63	37	169
371	California State U., San Marcos	6,634	631	0	2,008	578	34	391	587	983	0	1,422
372	Texas Christian U.	6,589	64	308	781	75	914	1,454	370	0	87	2,536
373	Chapman U.	6,554	0	357	2,590	0	1,036	433	607	0	0	1,531
374	National Defense U.	6,447	0	0	0	0	0	50	5,670	0	0	727
375	Carleton C.	6,385	261	205	128	354	424	74	5	0	0	4,934
376	Montclair State U.	6,320	143	117	2,094	568	1,021	49	513	0	0	1,815
377	U. Central Oklahoma	6,275	119	0	319	184	592	0	0	0	0	5,061
378	Fairfield U.	6,174	0	0	790	333	392	202	544	0	444	3,469
379	Middle Tennessee State U.	6,164	103	174	1,377	578	653	19	241	0	826	2,193
380	Claremont McKenna C.	6,094	0	51	433	143	0	43	5,299	85	0	40
381	West Chester U. Pennsylvania	5,895	56	97	1,017	173	530	521	593	151	0	2,757
382	Lincoln U., Jefferson City	5,826	0	0	4,850	197	47	0	134	598	0	0
383	U. Baltimore	5,798	57	20	0	0	0	0	5,111	0	0	610
384	California State U., Fullerton	5,755	133	106	2,270	0	944	296	509	9	762	726
385	Williams C.	5,747	178	185	853	239	1,963	253	835	0	0	1,241
386	Edward Via C. of Osteopathic Medicine	5,692	0	0	5,692	0	0	0	0	0	0	0
387	California State U., Monterey Bay	5,680	377	1,491	3,480	0	0	1	330	0	0	1
388	U. Tennessee, Chattanooga	5,600	882	0	487	129	40	76	1	1,430	917	1,638
389	Pennsylvania State U., Behrend	5,382	186	1,897	694	48	124	70	125	0	1,960	278
390	California State U., Los Angeles	5,371	0	0	958	0	1,575	0	1,518	0	809	511
391	Pace U.	5,359	122	0	875	0	332	65	184	0	1,368	2,413
392	CUNY, Lehman C.	5,347	0	18	1,019	132	1,927	0	751	0	0	1,500
393	California State Polytechnic U., Pomona	5,254	294	167	3,326	0	225	0	161	0	1,081	0
394	West Virginia State U.	5,224	41	0	4,823	0	145	0	0	0	215	0
395	U. Massachusetts, central office	5,219	0	0	201	0	0	0	0	1,489	0	3,529
396	U. Metropolitana	5,183	0	109	48	21	3,568	0	0	0	0	1,437
397	U. North Florida	5,141	382	78	716	14	696	214	298	0	1,968	775
398	Fort Valley State U.	5,138	0	0	4,877	153	108	0	0	0	0	0
399	U. Oklahoma, Tulsa	4,962	0	0	1,925	0	0	73	117	0	992	1,855
400	U. Southern Maine	4,773	776	0	524	0	155	0	1,951	0	59	1,308
401	Stephen F. Austin State U.	4,749	48	237	2,252	2	52	7	370	0	0	1,781
402	U. San Diego	4,734	0	1,156	204	41	640	21	253	5	246	2,168
403	Southern U. and A&M C., Agricultural Research and Extension Center	4,704	0	0	4,704	0	0	0	0	0	0	0
404	Texas Southern U.	4,495	361	0	2,296	0	294	0	218	498	97	731
405	Smith C.	4,466	239	49	1,997	350	266	278	96	74	775	342
406	Bucknell U.	4,377 i	0 i	228 i	875 i	98 i	942 i	154 i	84 i	147 i	1,486 i	363 i
407	Harvey Mudd C.	4,332	1,270	0	177	222	605	0	0	1,108	920	30
408	Southern U. and A&M C., Baton Rouge	4,322	135	692	266	0	915	0	1	0	1,258	1,055
409	Amherst C.	4,260	46	138	755	222	1,360	154	397	0	0	1,188
410	Rutgers, State U. New Jersey, Camden	4,250	189	0	2,204	68	117	207	968	438	1	58
411	Grinnell C.	4,183	278	0	438	307	571	180	281	0	0	2,128
412	SUNY, C. of Optometry	4,169	0	0	4,169	0	0	0	0	0	0	0
413	U. North Carolina, general administration	4,137	567	0	948	0	0	16	0	95	2,511	0
414	New York Institute of Technology	4,114	39	0	2,494	0	0	0	0	0	1,313	268
415	West Texas A&M U.	4,048	8	0	2,409	93	49	0	60	46	1,111	272
416	Minnesota State U., Mankato	4,034	0	52	618	0	140	87	516	0	2,192	429
417	U. Northern Colorado	4,028	0	45	1,854	315	82	288	281	1	0	1,162
418	Oregon Institute of Technology	4,027	307	0	1,268	0	0	0	0	0	2,452	0
419	Mount Holyoke C.	3,999	236	219	961	435	1,566	276	165	0	0	141
420	Alfred U.	3,975	0	0	8	0	43	0	0	0	3,684	240
421	U. Washington, Tacoma	3,957	830	705	158	30	0	0	31	30	0	2,173
422	Milwaukee School of Engineering	3,930	0	0	922	0	63	0	0	0	2,945	0
423	U. New Haven	3,822	0	0	84	0	0	0	0	0	2,451	1,287
424	Eastern Michigan U.	3,815	64	397	868	0	503	224	450	0	136	1,173
425	Franklin and Marshall C.	3,772	42	204	729	18	465	48	60	881	0	1,325
426	Texas A&M International U.	3,742	0	89	903	148	219	67	9	126	56	2,125
427	Pomona C.	3,691	188	648	837	434	761	130	449	0	0	244
428	U. Detroit Mercy	3,654	175	0	3,142	0	55	79	7	0	191	5
429	U. Northern Iowa	3,632	1	204	347	6	394	3	1,834	770	0	73
430	Mills C.	3,540	0	0	9	0	248	0	0	0	0	3,283
431	Barnard C.	3,534	0	25	427	197	1,138	1,189	127	0	0	431
432	CUNY, C. Staten Island	3,511	184	0	283	567	1,332	108	8	0	298	731
433	St. Cloud State U.	3,497	223	22	806	24	94	1	259	0	147	1,921

434	U. of the District of Columbia	3,469	0	124	2,294	187	0	0	0	0	864	0
435	Touro U., Vallejo	3,466	0	0	3,466	0	0	0	0	0	0	0
436	Kettering U.	3,463	128	0	36	1	237	0	0	0	2,248	813
437	U. Central Arkansas	3,453	378	0	825	178	550	95	106	0	0	1,321
438	Roseman U. of Health Sciences	3,433	0	0	3,433	0	0	0	0	0	0	0
439	Eastern Washington U.	3,368	0	35	1,040	0	148	0	2,053	0	0	92
440	U. North Carolina, Asheville	3,348	49	812	534	0	942	249	157	0	51	554
441	U. of the Sciences Philadelphia	3,308	0	0	2,818	0	335	0	34	0	0	121
442	James Madison U.	3,303	217	429	847	0	713	268	145	57	607	20
443	Lewis and Clark C.	3,267	216	430	499	123	548	194	53	0	0	1,204
444	Sam Houston State U.	3,266	110	38	689	418	338	44	1,533	0	0	96
445	Southern Connecticut State U.	3,243	2	105	36	16	986	34	156	71	0	1,837
446	Jacksonville State U.	3,231	248	0	204	0	0	0	0	0	5	2,774
447	Colgate U.	3,219	224	450	637	32	751	255	282	0	0	588
448	Reed C.	3,213	0	0	1,770	375	559	418	91	0	0	0
449	Swarthmore C.	3,211	13	0	597	124	651	121	158	142	504	901
449	U. Wisconsin-La Crosse	3,211	62	50	1,213	109	389	21	878	73	0	416
451	Naval War C.	3,210	0	0	0	0	0	0	0	0	0	3,210
452	Bowdoin C.	3,204	212	714	1,511	75	368	0	199	0	0	125
453	Pepperdine U.	3,178	0	44	321	71	91	55	1,238	0	0	1,358
454	Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	3,177	0	0	3,177	0	0	0	0	0	0	0
455	California State U., Bakersfield	3,161	50	1,530	358	66	104	0	119	0	498	436
456	Appalachian State U.	3,146	397	743	1,120	0	272	232	54	50	0	278
457	Erikson Institute	3,117	0	0	0	0	0	0	0	0	0	3,117
458	Missouri State U.	3,069	0	26	1,483	0	422	2	252	0	842	42
459	U. Richmond	3,047	0	115	616	96	992	246	494	0	0	488
460	Valparaiso U.	3,041	0	213	35	147	527	0	0	0	797	1,322
461	Texas Woman's U.	3,014	375	0	1,865	10	44	296	45	0	0	379
462	U. of the Pacific	3,013	9	92	1,258	0	354	0	52	201	323	724
463	CUNY, Baruch C.	2,998	19	169	116	123	278	163	1,447	0	0	683
464	U. Wisconsin-Stevens Point	2,973	75 i	142 i	1,677 i	27 i	186 i	53 i	116 i	0 i	481 i	216 i
465	Texas A&M U.-Commerce	2,943	110	0	594	3	671	13	0	0	18	1,534
466	A. T. Still U.	2,873	0	0	2,873	0	0	0	0	0	0	0
467	U. Texas, Tyler	2,844	44	0	782	0	37	54	75	1	127	1,724
468	Black Hills State U.	2,833	0	0	924	0	798	0	0	0	0	1,111
469	Hope C.	2,811	74	11	403	45	1,748	46	268	120	96	0
470	California State U., Dominguez Hills	2,790	203	2	214	248	701	15	77	0	0	1,330
471	Lamar U.	2,783	20	25	213	10	213	0	4	0	1,339	959
472	Central Washington U.	2,751	0	1,438	492	68	295	15	427	0	16	0
473	Toyota Technological Institute, Chicago	2,710	2,710	0	0	0	0	0	0	0	0	0
474	Hamilton C.	2,662	2	128	172	21	306	54	214	0	0	1,765
475	Elon U.	2,606	96	0	296	80	170	83	326	0	90	1,465
476	Pennsylvania State U., Harrisburg	2,558	6	1	11	240	23	32	1,558	0	675	12
477	MGH Institute of Health Professions	2,548	0	0	2,228	0	0	0	0	0	0	320
478	U. del Turabo	2,518	0	37	605	34	285	13	67	0	706	771
479	Pacific U.	2,508	0	0	896	20	153	435	5	0	0	999
480	Tougaloo C.	2,473	0	0	1,747	0	0	0	0	0	0	726
481	Willamette U.	2,459	43	36	464	93	217	126	51	0	24	1,405
482	Philadelphia C. of Osteopathic Medicine	2,458	0	0	2,458	0	0	0	0	0	0	0
483	Roger Williams U.	2,441	0	458	80	40	775	116	0	286	60	626
483	U. Louisiana, Monroe	2,441	0	63	2,208	0	12	0	147	0	0	11
485	Hofstra U.	2,440	9	38	300	1	25	17	46	0	1,480	524
486	National U.	2,400	0	0	911	0	0	0	0	0	0	1,489
487	Morehead State U.	2,399	0	19	201	0	11	348	0	0	1,510	310
488	Trinity U.	2,383	72	245	477	89	792	166	139	0	116	287
489	Alabama State U.	2,372	0	0	2,372	0	0	0	0	0	0	0
490	Hawaii Pacific U.	2,371	0	414	1,544	16	56	0	321	0	0	20
491	U. San Francisco	2,365	60	98	302	59	0	0	55	1,144	0	647
492	California State U., Chico	2,363	16	468	1,193	68	20	0	61	20	306	211
493	Youngstown State U.	2,342	2	1	79	0	322	80	3	0	1,846	9
494	St. John's U., Manhattan	2,307	0	0	982	12	747	91	0	0	0	475
495	Towson U.	2,303	613	151	579	11	513	72	6	0	0	358
496	Wiley C.	2,301 i	4 i	0 i	24 i	75 i	0 i	0 i	6 i	0 i	0 i	2,192 i
497	Savannah State U.	2,267	0	987	659	0	16	0	6	0	593	6
498	SUNY, Buffalo State	2,221	0	1,376	387	0	45	59	317	0	11	26
499	Commonwealth Medical C.	2,208	0	0	2,208	0	0	0	0	0	0	0
500	California Maritime Academy	2,205	0	28	4	0	25	0	10	0	2,138	0
501	Oklahoma State U., Center for Health Sciences	2,182	0	0	1,102	0	204	0	433	138	47	258
502	Haverford C.	2,173	19 i	0 i	773 i	19 i	759 i	50 i	130 i	0 i	0 i	423 i
503	Dakota State U.	2,171	1,871	0	41	0	114	0	0	0	0	145
503	Saint Joseph's U.	2,171	0	0	285	20	373	147	86	0	0	1,260
505	Pittsburg State U.	2,162	0	63	124	0	33	0	107	0	1,835	0
506	Union C., Schenectady	2,150	11	868	457	35	202	177	90	0	191	119
507	Southeastern Louisiana U.	2,128	0	0	973	0	229	2	291	0	55	578
508	Murray State U.	2,124	0	189	1,740	38	103	2	13	0	7	32
509	Bradley U.	2,122	82	0	81	4	593	1	5	0	1,322	34
510	Babson C.	2,108	0 i	0 i	0 i	92 i	0 i	0 i	0 i	0 i	0 i	2,016 i
511	Johnson C. Smith U.	2,094	53	0	428	0	69	0	16	0	75	1,453
512	Santa Clara U.	2,056	0	0	588	2	397	79	143	109	720	18
513	Seattle U.	2,050	11	0	438	174	209	0	0	0	778	440
514	Sul Ross State U.	2,015	0	0	1,158	0	0	0	750	0	0	107
515	Occidental C.	2,008	0	155	1,408	0	160	15	169	0	0	101
516	Winthrop U.	1,993	0	0	397	88	309	2	121	0	0	1,076
517	Connecticut C.	1,972	60	0	847	0	867	0	198	0	0	0
518	Spelman C.	1,929	111	0	681	59	170	207	4	0	59	638
519	Bowie State U.	1,927	1,168	0	318	0	21	0	0	0	0	420
520	William Paterson U.	1,919	16	108	382	20	34	104	139	0	0	1,116
521	Lawrence Technological U.	1,907	0	0	43	0	28	0	0	0	1,378	458
522	Colby C.	1,903	27	50	898	16	463	46	139	0	0	264
523	Maine Maritime Academy	1,902	0	0	0	0	0	0	0	0	1,902	0
524	Elizabeth City State U.	1,889	85	128	8	629	817	0	3	0	0	219
525	Furman U.	1,869	6	161	309	14	1,211	118	45	0	0	5
526	U. Nebraska, Kearney	1,864	3	0	1,088	109	327	26	29	6	0	276
527	Northern Kentucky U.	1,846	8	0	618	0	598	354	72	0	0	196
528	U. South Florida, Sarasota-Manatee	1,827	0	0	109	0	0	101	108	0	0	1,509
529	Austin Peay State U.	1,823	0	0	434	0	122	0	0	0	0	1,267
530	Middlebury C.	1,822	62	159	780	0	418	240	163	0	0	0
531	Keck Graduate Institute	1,814 i	0 i	0 i	1,799 i	0 i	0 i	0 i	0 i	0 i	0 i	15 i
532	Calvin C.	1,809	17	5	586	66	367	5	223	0	62	478
533	U. Alaska, Southeast	1,808	0	195	249	0	20	0	0	1,123	138	83
534	U. Hartford	1,803	78	22	215	31	0	0	1	0	1,131	325
535	Albany C. of Pharmacy and Health Sciences	1,789	0	0	1,759	0	0	0	30	0	0	0
536	U. Houston-Downtown	1,784	58	9	87	134	44	12	12	415	47	966
537	Bates C.	1,781	0	206	947	89	393	27	68	0	0	51
538	Coastal Carolina U.	1,779	0	1,460	0	125	0	0	0	0	0	194
539	Colorado C.	1,775	0	52	408	83	227	0	233	0	0	772
540	Claflin U.	1,772	375	97	565	54	656	0	1	0	0	24
541	Indiana State U.	1,763	0	123	953	0	312	0	5	0	94	276
542	Franklin W. Olin C. of Engineering	1,762	51	0	0	5	0	0	0	0	1,706	0
543	SUNY, Geneseo	1,750	0	411	179	14	839	68	83	0	0	156
544	Siena C.	1,721	385	8	321	236	630	3	11	18	0	109

545	U. Illinois, Springfield	1,683	0	0	46	0	74	5	1,168	0	0	390
546	CUNY, system office	1,655	739	0	81	0	0	0	0	0	0	835
547	Benedict C.	1,653	216	359	170	112	372	0	0	0	424	0
548	Mercyhurst U.	1,647	0	60	64	0	27	0	95	61	0	1,340
549	Central State U.	1,643	308	110	541	0	27	44	0	94	519	0
550	Salus U.	1,641	0	0	1,641	0	0	0	0	0	0	0
551	Fuller Theological Seminary	1,634	0	0	0	0	0	1,634	0	0	0	0
552	Northwestern State U. Louisiana	1,628	445	0	85	13	0	1	629	0	29	426
553	Saint Michael's C.	1,624	27	0	1,448	69	70	4	0	0	0	6
554	Rider U.	1,617	0	177	241	28	78	0	111	0	0	982
555	St. Olaf C.	1,605	52	21	523	378	256	47	109	0	3	216
556	U. Wisconsin-Green Bay	1,599	42 i	88 i	402 i	28 i	98 i	29 i	63 i	0 i	696 i	153 i
557	Trinity C., Hartford	1,598	257	0	586	38	102	21	171	0	42	381
558	U. Houston-Clear Lake	1,578	64	0	129	56	555	197	66	0	0	511
559	Grambling State U.	1,570	0	0	160	311	983	0	0	0	0	116
560	Macalester C.	1,562	52	432	328	1	373	28	175	0	0	173
561	U. Texas, Permian Basin	1,561	0	622	29	0	23	0	0	160	246	481
562	Drake U.	1,558	0	101	442	228	228	122	26	0	0	411
563	Lafayette C.	1,553	139	41	73	47	134	16	8	0	501	594
564	Davidson C.	1,521	0	0	642	124	122	374	201	0	0	58
565	Palmer C. of Chiropractic, Davenport	1,510	0	0	1,485	0	0	0	0	25	0	0
566	Niagara U.	1,505	0	0	53	17	44	3	263	0	0	1,125
567	Albany State U.	1,496	0	49	914	0	358	3	0	0	0	172
568	Vassar C.	1,495	208	0	0	864	316	0	29	0	0	78
569	Marshall B. Ketchum U.	1,491	0	0	1,491	0	0	0	0	0	0	0
570	Eastern Kentucky U.	1,486	0	6	1,047	1	237	34	3	10	2	146
571	Indiana U., South Bend	1,474	7	1	112	1	375	472	12	405	0	89
572	Saint John's U., Collegeville	1,459	62	61	143	20	281	77	265	0	0	550
573	U. South Carolina, Aiken	1,445	0	0	176	0	435	0	0	834	0	0
574	Long Island U.	1,420	0	0	460	53	83	9	6	0	0	809
575	U. Puerto Rico, Cayey	1,415	0	0	134	0	36	0	0	1,245	0	0
576	Des Moines U.	1,401	0	190	996	0	0	0	20	0	0	195
577	California State U., Channel Islands	1,383	25	0	946	209	66	10	14	12	0	101
578	Suffolk U.	1,375 i	40 i	0 i	50 i	0 i	67 i	61 i	356 i	0 i	80 i	721 i
579	Purdue U., North Central	1,366	11	0	52	1	0	0	3	0	0	1,299
580	Alaska Pacific U.	1,358	0	929	80	0	0	0	0	0	0	349
581	Winston-Salem State U.	1,356	0	0	595	0	474	0	0	0	0	287
582	Plymouth State U.	1,340	0	813	374	0	95	0	49	0	0	9
583	SUNY, C. Brockport	1,335	0	132	1,050	9	88	12	40	0	0	4
584	Dickinson C.	1,332	0	444	112	0	66	28	61	0	0	621
585	Skidmore C.	1,327	24	115	655	0	225	85	104	0	0	119
586	Central Connecticut State U.	1,322	23	51	79	321	42	6	553	0	123	124
587	C. of Saint Benedict	1,305	105	69	162	23	320	87	88	0	0	451
587	Oberlin C.	1,305	30	219	196	44	551	150	33	0	0	82
587	Western Carolina U.	1,305	0	503	600	8	174	0	4	0	16	0
590	Western New England U.	1,291	35	0	499	63	0	3	0	0	654	37
591	Heidelberg U.	1,286	0	0	1,230	0	56	0	0	0	0	0
592	U. of St. Thomas (MN)	1,266	0	31	270	68	363	3	0	0	174	357
593	McNeese State U.	1,265	0	0	321	30	41	77	113	0	179	504
594	La Sierra U.	1,255	0	0	277	0	130	64	0	0	0	784
595	Norwich U.	1,249	12	110	581	64	22	20	50	0	136	254
596	California State U., Stanislaus	1,248	0	0	986	0	0	16	91	15	0	140
597	Indiana U. Pennsylvania	1,241	68	67	268	6	64	23	132	0	0	613
598	U. Wisconsin-Eau Claire	1,238	0	90	75	50	685	105	156	9	0	68
599	Eastern Connecticut State U.	1,209	3	64	76	4	4	213	9	91	0	745
600	U. del Este	1,207	0	0	903	0	0	50	243	0	0	11
601	Providence C.	1,196	0	4	733	0	100	290	0	0	24	45
602	Saginaw Valley State U.	1,190	4	149	163	6	39	34	87	32	290	386
603	Augsburg C.	1,189	0	0	33	2	611	28	0	0	0	515
604	SUNY, Farmingdale State C.	1,175 i	0 i	0 i	150 i	0 i	0 i	0 i	74 i	0 i	346 i	605 i
605	Christopher Newport U.	1,172	0	30	596	0	358	0	52	0	0	136
606	Salish Kootenai C.	1,142	0	0	171	0	561	0	0	0	0	410
607	La Salle U.	1,141 i	0 i	0 i	90 i	108 i	100 i	98 i	64 i	65 i	0 i	616 i
608	Northern Michigan U.	1,118	0	137	323	0	53	74	40	0	0	491
609	Emerson C.	1,114	0	18	334	0	0	0	6	0	0	756
610	New Mexico Highlands U.	1,111	0	0	254	0	857	0	0	0	0	0
611	Rhode Island School of Design	1,071 i	18 i	322 i	9 i	0 i	0 i	0 i	2 i	0 i	3 i	717 i
612	U. Houston system administration	1,070	0	0	0	0	0	0	0	1,070	0	0
613	Lake Superior State U.	1,039	0	88	734	6	19	0	0	0	144	48
614	U. Minnesota, Morris	1,029	0	271	195	14	25	33	86	0	0	405
615	SUNY, C. Plattsburgh	1,020	0	622	56	0	342	0	0	0	0	0
616	Seattle Pacific U.	1,016	3	0	36	0	49	131	0	0	9	788
617	Allegheny C.	1,014	0	61	17	0	285	0	0	190	0	461
618	Biola U.	1,000 i	31 i	0 i	648 i	9 i	71 i	14 i	30 i	0 i	144 i	53 i
618	Hult International Business School	1,000 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	1,000 i
620	New England C. of Optometry	980	0	0	980	0	0	0	0	0	0	0
621	Oakwood U.	966	0	0	289	149	430	0	0	0	0	98
622	Gonzaga U.	959	4	0	442	0	249	0	0	0	227	37
623	Chicago State U.	910	0	0	910	0	0	0	0	0	0	0
624	Kean U.	908	81	0	269	0	45	5	0	0	0	508
625	Monmouth U.	900	0	821	79	0	0	0	0	0	0	0
626	California State U., East Bay	837	0	144	328	0	200	0	165	0	0	0
627	Bastyr U.	832	0	0	810	0	0	0	22	0	0	0
628	Stockton U.	807	0	701	42	0	9	0	7	0	0	48
629	American Samoa Community C.	793	0	0	793	0	0	0	0	0	0	0
630	Wheeling Jesuit U.	776	0	0	69	0	0	0	0	0	0	707
631	U. Tampa	760	0	164	0	0	0	0	18	0	184	394
632	St. Bonaventure U.	731	26	0	95	4	57	0	6	0	0	543
633	Sewanee: U. of the South	701	0	99	180	0	67	119	121	0	0	115
634	Sonoma State U.	693	68	207	240	0	37	0	16	0	4	121
635	Nicholls State U.	665	0	231	398	0	1	0	29	0	0	6
636	U. Western States	644	0	0	644	0	0	0	0	0	0	0
637	Earlham C.	554	47	0	100	0	145	7	17	0	0	238
638	Shaw U.	514	14	0	500	0	0	0	0	0	0	0
639	Eastern New Mexico U., Portales	490	3	0	358	0	100	3	21	0	0	5
640	Kansas City U. of Medicine and Biosciences	454	0	0	454	0	0	0	0	0	0	0

i = imputed.

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

[a] As part of the reclassification of disciplines, some R&D field names have changed. See Technical Notes, Appendix A for details.

[b] Johns Hopkins University includes the Applied Physics Laboratory, with $1,403,733 thousand in total R&D expenditures in FY 2016.

NOTES: Tied institutions are ranked alphabetically. Institutions ranked 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 listing of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6. This table includes only institutions reporting $1 million or more in total R&D expenditures in FY 2015. Institutions reporting less than $1 million in total R&D expenditures in FY 2015 completed a shorter version of the survey form in FY 2016, and that form did not collect R&D expenditures by source and detailed field. For R&D expenditures by major field at institutions completing the shorter version of the survey, see table 82.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2016.