

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
	All institutions	28,303,897	29,956,714	30,908,742	31,240,790	32,100,966	33,442,544	37,475,292	40,764,823
1	Johns Hopkins U. <sup>a</sup>	1,229,426	1,291,759	1,319,214	1,374,029	1,463,709	1,597,205	1,737,261	1,884,025
2	U. WA, Seattle	NA	NA	NA	NA	NA	NA	829,885	948,976
3	U. MI, Ann Arbor	NA	NA	NA	NA	NA	NA	747,778	820,125
4	U. PA	443,188	475,845	488,902	460,258	493,435	509,689	642,180	707,051
5	U. Pittsburgh, Pittsburgh	398,867	423,473	426,257	446,151	459,230	467,465	594,675	662,471
6	Stanford U.	545,370	577,600	542,316	537,232	511,649	481,439	593,016	656,114
7	Columbia U. in the City of New York	406,576	453,188	451,187	459,748	461,029	491,837	572,213	645,233
8	U. CA, San Diego	465,629	463,946	463,913	475,821	491,160	511,790	580,279	636,879
9	U. WI, Madison	459,503	503,517	513,120	489,986	481,259	514,875	545,189	593,633
10	Duke U.	347,986	377,152	414,859	459,605	452,200	439,187	514,084	585,262
11	U. CA, San Francisco	418,944	438,988	464,660	467,402	472,642	483,667	514,693	570,116
12	U. CA, Los Angeles	461,145	469,889	492,626	498,742	480,779	477,817	538,521	563,560
13	U. NC, Chapel Hill	305,837	321,483	330,201	347,958	374,295	433,896	545,993	561,708
14	Harvard U.	417,019	431,841	443,065	419,113	418,765	426,813	474,899	543,097
15	Yale U.	331,362	333,218	349,969	350,933	376,314	380,576	475,794	519,844
16	OH State U.	301,549	310,255	319,606	316,763	341,257	349,863	399,942	493,130
17	U. MN, Twin Cities	NA	NA	NA	NA	NA	NA	426,359	489,480
18	MA Institute of Technology	433,404	462,745	481,471	482,014	501,531	539,160	457,575	489,080
19	Cornell U.	340,085	367,028	391,130	368,468	359,407	363,695	448,085	476,583
20	Washington U., St. Louis	373,526	403,364	411,660	426,659	395,643	415,234	468,642	469,490
21	PA State U., University Park and Hershey Medical Ctr.	NA	NA	NA	NA	NA	NA	464,750	468,705
22	Vanderbilt U.	264,390	286,652	308,597	323,504	347,415	353,587	397,656	458,173
23	U. Southern CA	319,887	338,497	341,966	359,306	351,761	378,391	408,564	453,283
24	GA Institute of Technology	237,766	245,622	259,139	261,127	281,829	323,738	372,122	427,867
25	Northwestern U.	233,980	248,279	254,472	253,338	269,026	305,306	360,980	399,719
26	U. Chicago	231,466	248,442	256,442	264,461	287,164	304,575	352,728	372,288
27	Emory U.	243,614	266,998	268,095	271,938	291,742	295,951	336,986	369,982
28	U. CA, Davis	221,937	240,003	248,573	257,597	269,952	297,140	332,325	362,976
29	U. TX, Austin	249,014	269,613	294,832	314,131	351,541	335,519	350,308	355,437
30	Case Western Reserve U.	196,389	213,097	311,169	309,522	306,760	313,774	333,689	353,470
31	U. AL, Birmingham	262,144	289,738	294,259	269,943	304,107	302,697	325,103	344,164
32	CA Institute of Technology	244,187	249,371	248,646	255,088	244,944	308,230	328,522	342,945
33	U. MD, College Park	197,487	214,465	217,797	224,385	241,224	250,895	297,896	338,780
34	U. Rochester	232,694	259,359	280,422	282,821	277,747	296,618	322,048	337,907
35	U. CA, Berkeley	268,830	290,960	266,130	256,147	255,005	266,554	312,789	336,191
36	U. AZ	284,132	292,907	302,707	270,682	278,229	288,148	308,157	327,565
37	U. IL, Urbana-Champaign	282,246	296,942	268,877	258,149	270,908	292,522	303,852	323,454
38	U. CO, Boulder	212,613	237,188	227,013	228,297	228,129	248,259	292,030	323,078

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
39	Scripps Research Institute	236,989	272,969	268,533	267,073	265,657	288,388	313,746	317,201
40	U. CO, Denver and Anschutz Medical Campus	201,517	214,504	222,889	216,799	215,519	266,137	285,126	307,395
41	U. FL	226,647	238,251	254,350	247,721	240,366	242,964	279,649	306,349
42	Boston U.	221,102	231,478	241,726	234,104	236,597	256,666	302,411	305,476
43	NY U.	181,441	224,265	197,621	205,547	211,756	214,206	260,463	302,221
44	Baylor C. of Medicine	312,669	300,638	287,679	263,146	262,498	267,130	284,072	295,529
45	Mt. Sinai School of Medicine	185,249	191,326	224,911	221,397	253,319	264,914	302,770	295,291
46	TX A&M U., College Station	178,674	219,667	214,197	237,842	257,559	272,087	288,173	291,812
47	U. Cincinnati	195,424	203,142	202,306	219,625	221,738	229,504	262,513	287,182
48	U. IA	213,978	221,119	221,966	228,526	234,559	255,101	282,465	283,627
49	OR Health and Science U.	206,219	217,145	223,204	227,441	232,208	233,774	247,054	268,777
50	U. UT	161,363	168,761	175,089	175,034	171,913	192,489	227,021	264,234
51	Purdue U., West Lafayette	NA	NA	NA	NA	NA	NA	232,564	259,948
52	U. IL, Chicago	194,671	200,054	205,639	210,799	197,369	197,537	232,380	248,936
53	U. South FL, Tampa	NA	NA	NA	NA	NA	NA	243,017	243,030
54	MI State U.	153,798	169,187	181,592	187,671	169,656	177,355	214,134	240,837
55	Rutgers, State U. NJ, New Brunswick	NA	NA	NA	NA	NA	NA	224,894	239,908
56	CO State U., Ft. Collins	169,638	159,662	193,630	217,145	214,958	217,590	211,297	236,566
57	U. TX, M. D. Anderson Cancer Ctr.	150,529	160,953	182,028	190,508	194,889	194,633	206,664	236,400
58	U. VA, Charlottesville	NA	NA	NA	NA	NA	NA	228,917	232,525
59	U. TX, Southwestern Medical Ctr., Dallas	200,888	202,057	196,621	191,687	201,480	207,216	232,027	231,639
60	U. MD, Baltimore	141,221	129,270	186,160	164,211	169,026	169,081	208,246	229,706
61	U. Miami	143,034	157,414	151,892	149,309	168,036	174,074	197,824	225,352
62	U. CA, Irvine	150,995	161,524	170,336	170,611	179,527	178,138	194,559	209,117
63	U. MA, Medical School	126,162	130,680	136,141	131,226	145,113	145,834	178,293	208,244
64	U. HI, Manoa	187,035	190,137	203,221	208,196	194,508	203,453	196,275	201,700
65	Carnegie Mellon U.	174,480	174,911	185,390	168,486	171,347	170,260	179,386	200,967
66	Yeshiva U.	151,520	160,894	153,785	147,941	143,866	137,108	163,399	192,241
67	VA Polytechnic Institute and State U.	96,539	110,621	121,129	129,208	135,977	148,716	162,566	189,198
68	AZ State U.	81,418	97,063	113,324	118,276	130,343	142,037	172,202	185,766
69	SUNY, U. Buffalo	147,607	154,972	155,668	151,572	158,152	154,876	167,099	182,585
70	U. KY	136,279	151,056	155,366	158,559	159,302	147,583	171,528	179,161
71	Wake Forest U.	120,075	141,715	139,709	141,655	146,761	144,906	159,084	173,130
72	U. KS	109,641	122,271	127,180	125,300	128,306	134,257	147,598	169,382
73	Woods Hole Oceanographic Institution	100,456	100,747	101,631	112,754	117,587	127,378	153,066	165,819
74	Princeton U.	112,196	120,699	118,757	121,095	125,917	130,006	150,261	163,438
75	U. NM	112,299	131,408	130,388	124,121	136,138	134,740	148,216	162,854
76	U. TX, Health Science Ctr., Houston	106,737	112,509	122,870	131,879	129,277	135,087	150,324	156,790
77	IN U.-Purdue U., Indianapolis	NA	NA	NA	NA	NA	NA	148,672	156,607

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
78	NC State U.	103,586	109,128	131,262	131,848	131,987	136,905	139,096	155,293
79	VA Commonwealth U.	99,415	109,732	112,159	96,690	106,335	104,206	144,138	153,228
80	OR State U.	118,922	127,323	133,328	129,287	134,280	139,587	135,886	146,882
81	U. CT	129,631	135,948	126,914	126,829	122,651	124,385	132,169	144,280
82	Medical U. SC	103,494	108,196	104,057	101,402	102,187	113,789	131,650	143,464
83	FL State U.	118,998	119,601	121,944	124,050	121,901	127,104	134,794	140,850
84	U. GA	102,100	108,078	96,444	107,060	105,541	109,382	118,862	137,328
85	U. CA, Santa Barbara	92,248	103,955	107,686	113,335	113,298	115,453	129,457	136,244
86	Wayne State U.	116,081	121,714	118,623	114,720	116,266	117,395	132,166	134,735
87	Medical C. WI	100,547	102,859	100,128	107,200	111,602	117,842	121,750	133,929
88	Dartmouth C.	123,351	122,330	140,482	128,164	122,318	134,694	118,271	131,583
89	Brown U.	84,313	91,749	96,922	96,288	96,233	94,485	127,087	128,628
90	U. TX, Medical Branch	102,491	117,235	120,408	118,173	122,009	126,703	128,840	128,098
91	SUNY, U. Albany	98,157	108,211	106,588	105,776	108,994	97,007	124,324	125,189
92	SUNY, Stony Brook U.	123,838	125,973	112,973	111,316	106,419	107,430	120,146	125,102
93	U. of Medicine and Dentistry of NJ	121,812	143,239	140,923	126,101	122,061	115,770	123,399	124,585
94	Georgetown U.	98,583	102,504	94,901	107,904	113,707	121,514	120,589	123,540
95	WA State U.	77,546	81,175	84,779	79,439	97,925	100,631	113,452	123,502
96	Tufts U.	94,764	100,628	98,634	94,284	98,175	105,122	116,699	122,208
97	U. TX, Health Science Ctr., San Antonio	89,662	95,125	95,110	95,610	121,758	129,399	121,723	121,200
98	U. DE	77,506	76,363	81,066	84,189	86,005	88,357	105,454	118,673
99	Uniformed Services U. of the Health Sciences	62,408	50,016	39,461	37,275	67,345	124,314	72,125	117,781
100	IA State U.	95,740	101,431	107,422	98,917	104,550	97,975	109,461	117,522
101	George Washington U.	91,765	93,780	91,837	104,533	128,022	91,665	122,357	116,611
102	U. MO, Columbia	94,417	104,795	109,996	119,545	112,814	124,796	116,965	116,403
103	UT State U.	108,668	93,567	97,577	91,953	89,940	84,970	90,581	113,871
104	U. TN, Knoxville	NA	NA	NA	NA	NA	NA	96,972	111,942
105	Tulane U.	88,357	94,775	84,196	98,612	109,561	109,659	106,872	111,007
106	U. MA, Amherst	67,660	68,768	71,244	73,485	80,432	80,950	97,937	107,683
107	U. NH	73,706	84,767	91,165	86,287	87,431	84,993	84,553	106,806
108	U. NE, Lincoln	68,546	76,492	81,347	81,044	82,732	84,455	96,069	105,724
109	U. AK, Fairbanks	75,979	90,743	99,277	101,219	97,356	92,244	99,657	105,522
110	U. SC, Columbia	NA	NA	NA	NA	NA	NA	125,501	103,296
111	U. VT	79,243	79,958	82,676	90,419	90,220	92,760	98,635	101,471
112	MS State U.	85,162	84,601	94,318	106,804	106,159	104,121	106,324	98,998
113	U. CA, Santa Cruz	53,196	62,301	67,010	69,122	70,919	77,253	84,518	97,817
114	Rockefeller U.	82,535	85,552	93,742	86,728	81,557	73,906	88,705	97,710
115	LA State U., Baton Rouge	55,864	60,347	79,834	81,072	80,583	89,593	97,407	97,517

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
116	U. Louisville	55,394	68,213	71,920	78,070	74,581	78,614	93,260	96,010
117	U. OK	82,133	90,561	93,145	91,405	96,435	100,924	105,366	95,505
118	Naval Postgraduate School	50,771 i	45,249	59,636	65,946	88,846	81,330	93,605	94,278
119	NM State U.	77,076	91,912	102,257	102,367	86,715	89,450	98,399	90,598
120	Temple U.	52,057	55,844	54,567	57,778	60,848	71,131	79,939	89,074
121	WV U.	61,150	62,914	64,262	67,159	71,075	68,741	79,415	88,419
122	MT State U., Bozeman	64,012	78,824	83,355	82,917	78,728	81,208	93,100	87,528
123	U. NE, Medical Ctr.	44,449	49,282	53,808	53,506	51,300	61,224	80,784	86,295
124	U. OR	50,630	50,620	54,935	57,708	65,135	70,628	76,378	84,997
125	U. MS and U. MS Medical Ctr.	63,900	71,995	72,028	80,317	69,076	65,028	71,475	84,317
126	Drexel U.	56,612	65,449	68,915	67,467	65,868	68,514	77,438	83,702
127	OK State U., Stillwater	NA	NA	NA	NA	NA	NA	56,998	81,855
128	Thomas Jefferson U.	92,296	86,171	82,551	81,545	76,034	73,152	77,817	80,027
129	U. Notre Dame	49,135	51,524	56,248	54,491	67,497	57,953	62,152	79,716
130	Rice U.	51,434	54,963	54,038	54,662	55,177	56,524	69,395	78,730
131	U. RI	48,590	42,132	46,898	52,561	51,791	58,762	62,981	78,303
132	KS State U.	56,601	60,048	53,558	48,383	54,491	59,444	68,560	76,953
133	U. AR for Medical Sciences	53,249	59,053	66,127	60,836	62,035	61,249	72,217	75,924
134	IN U., Bloomington	NA	NA	NA	NA	NA	NA	71,208	74,143
135	U. AL, Huntsville	39,892	43,751	46,365	50,504	49,030	55,152	73,075	72,665
136	U. Dayton	58,115	60,284	58,582	61,352	65,621	71,361	73,540	70,996
137	U. Central FL	44,676	41,595	41,284	60,735	68,806	73,742	69,331	69,098
138	Northeastern U.	30,659	38,747	38,484	38,843	38,861	40,031	59,074	67,938
139	FL International U.	54,834	58,718	58,158	62,366	60,045	57,371	62,580	65,446
140	George Mason U.	45,668	47,904	45,126	48,452	52,908	60,694	63,011	65,301
141	San Diego State U.	32,266	36,076	37,770	34,792	38,038	44,250	56,504	64,056
142	U. CA, Riverside	40,981	52,919	62,209	61,059	58,670	58,586	63,127	62,312
143	U.S. Air Force Academy	16,487	15,842	9,678	16,142	44,935	38,795	49,711	62,118
144	U. MD, Baltimore County	37,549	43,392	44,885	49,696	50,698	54,455	59,448	61,172
145	U. ME	37,308	29,564	41,751	44,919	41,740	47,785	50,163	59,800
146	U. Houston	37,356	41,413	42,613	42,644	43,845	42,450	52,920	59,580
147	Auburn U., Auburn	NA	NA	NA	NA	NA	NA	53,971	59,559
148	Rensselaer Polytechnic Institute	37,226	42,555	45,414	49,153	47,491	48,509	54,847	59,284
149	Rush U.	51,706	49,150	45,044	39,601	40,942	43,608	51,304	57,978
150	U. NV, Reno	51,112	60,893	64,959	63,924	66,777	64,720	58,115	57,220
151	Cold Spring Harbor Lab.	ne	ne	ne	ne	ne	ne	ne	55,450 i
152	U. PR, Medical Sciences Campus	28,063	29,863	31,199	31,955	28,481	33,841	29,813	54,381
153	GA Health Sciences U.	35,841	41,910	41,555	40,609	39,486	45,272	51,727	54,254
154	NJ Institute of Technology	30,995	35,716	35,489	41,330	40,087	42,656	50,051	54,250
155	U. ID	49,283	49,003	48,335	46,273	46,235	43,207	46,303	54,243

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
156	U. ND	36,412	32,092	38,849	44,625	46,620	49,240	52,504	54,058
157	ND State U.	45,542	46,201	46,086	46,345	50,682	44,343	51,883	53,451
158	Clemson U.	62,762	57,891	57,181	54,394	56,944	57,232	62,934	52,919
159	U. TN, Health Science Ctr.	NA	NA	NA	NA	NA	NA	52,652	51,842
160	U. WY	23,186	29,567	26,060	25,579	29,018	30,144	45,323	48,932
161	Brandeis U.	38,732	39,895	41,201	41,366	38,204	40,817	43,669	48,235
162	LA State U., Health Sciences Ctr., New Orleans	44,668	54,108	52,437	54,690	43,865	43,398	46,142	45,581
163	FL A&M U.	35,212	22,452	25,674	14,502	23,657	23,535	45,856	44,905
164	U. Toledo	13,375	15,680	17,649	32,801	29,676	29,707	38,389	44,881
165	Jackson State U.	28,806	30,472	30,783	30,980	35,221	37,321	39,457	43,001
166	Cleveland State U.	6,755	12,244	6,087	6,282	5,496	4,356	25,024	42,575
167	SD State U.	13,473	13,917	12,793	17,064	20,929	24,356	38,368	41,904
168	Portland State U.	13,344 e	18,877	22,236	20,813	23,727	31,917	36,996	41,580
169	U. Southern MS	32,768	35,800	36,175	43,972	42,820	41,978	37,054	40,984
170	CUNY, City C.	21,329	22,862	21,902	21,866	22,027	23,238	32,900	40,595
171	Old Dominion U.	21,618	24,662	32,869	32,976	35,421	36,433	34,687	39,534
172	U. MT	35,163	37,191	33,096	33,953	34,497	36,888	40,760	38,565
173	St. Louis U.	37,013 e	44,757	45,183	49,588	49,434	33,736	33,728	38,323
174	U. HI, Hilo	9,505	14,393	16,962	14,962	11,481	14,907	12,265	37,703
175	U. AR, Fayetteville	32,424	35,636	34,357	38,831	33,066	33,184	33,674	37,587
176	NM Institute of Mining and Technology	13,853	30,877 i	47,901	69,050	64,322	61,178	42,243	37,316
177	Howard U.	40,152	40,252	35,125	34,251	35,873	31,938	33,017	36,060
178	U. TX, El Paso	25,723	24,041	26,844	27,218	26,996	29,507	34,617	35,399
179	TX Tech U.	23,393	22,955	23,171	23,961	21,392	25,651	35,970	35,191
180	IL Institute of Technology	15,697	18,217	19,883	20,930	20,230	17,705	28,349	34,858
181	SUNY, Health Science Ctr. Brooklyn	23,313 i	23,466	25,184	23,232	25,299	22,849	25,023	33,964
182	Syracuse U.	33,205	30,644	32,444	32,230	33,566	31,000	33,796	33,850
183	CO School of Mines	16,550	15,501	20,543	18,248	20,072	25,109	29,892	33,789
184	TX A&M Health Science Ctr.	30,283	32,949	35,214	35,004	33,045	26,984	33,511	33,405
185	U. TX, Dallas	15,733	19,933	19,954	17,783	21,383	26,244	30,754	33,216
186	U. AL, Tuscaloosa	25,613	24,546	22,997	27,953	23,788	24,283	26,364	32,999
187	MI Technological U.	18,735	19,780	18,789	28,226	29,944	27,263	27,676	32,724
188	Stevens Institute of Technology	22,764	22,074	25,223	26,800	20,461	20,620	29,370	32,570
189	Loma Linda U.	26,631	26,855	28,788	24,666	32,350	29,114	29,284	32,187
190	Touro C.	ne	ne	ne	ne	ne	ne	ne	32,107
191	U. TX, San Antonio	11,705	16,175	21,463	21,669	22,574	26,966	28,717	31,972
192	Boston C.	22,907 e	18,536	18,837	21,227	22,585	24,324	33,290	31,953
193	U. TX, Arlington	10,784	17,790	19,095	20,259	20,927	25,144	31,628	30,659
194	U. WI, Milwaukee	16,966	20,247	20,650	23,982	21,710	24,868	29,042	30,479
195	U. NV, Las Vegas	28,013	36,572	43,200	49,347	42,314	32,033	32,441	30,457

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
196	C. of William and Mary and VA Institute of Marine Science	31,055	31,812	35,174	33,045	31,357	30,665	27,685	30,361
197	SUNY, Upstate Medical U.	22,650	23,275	27,247	27,933	23,117	21,828	27,959	28,663
198	Loyola U., Chicago	30,231	31,528	25,903	25,148	23,481	23,855	28,995	28,633
199	Desert Research Institute	26,235	28,655	30,407	30,752	30,703	29,544	28,307	28,489
200	GA State U.	29,480	28,870	28,542	28,205	30,248	28,364	27,073	28,210
201	Morehouse School of Medicine	23,331	24,213	25,156	23,230	24,985	23,583	25,855 i	28,128
202	SD School of Mines and Technology	8,366	10,752	9,834	11,232	13,866	11,859	25,172	28,105
203	MO U. of Science and Technology	20,230	21,850	23,722	18,798	22,353	23,548	28,239	27,961
204	U. MA, Lowell	17,821	18,906	19,598	20,759	23,284	23,933	25,550	27,960
205	Wright State U.	20,599	20,527	22,430	22,229	21,315	22,789	24,785	27,422
206	U. MA, Boston	6,010	6,786	9,131	16,104	17,149	18,378	24,527	26,958
207	Meharry Medical C.	26,159	27,408	30,914	31,263	31,035	23,829	24,302	26,779
208	San Jose State U.	28,246	29,536	31,283	28,188	29,151	33,299	24,292	26,389
209	U. North TX, Health Science Ctr.	13,259	17,037	19,183	19,203	19,818	20,215	25,847	26,132
210	Eastern VA Medical School	17,530	19,969	19,399	20,620	17,499	24,083	29,291	25,319
211	U. PR, Rio Piedras	8,093	14,440	16,881	16,114	25,382	19,376	21,717	24,887
212	Brigham Young U., Provo	19,880	19,486	20,607	19,436	19,819	20,800	22,115	24,273
213	AL A&M U.	12,024	12,005	7,537	8,467	5,566	10,265	22,154	23,988 i
214	Southern IL U., Carbondale	15,557	16,989	20,108	17,724	17,499	19,223	22,209	23,696
215	OH U.	21,136	20,846	19,630	18,641	18,274	16,783	18,466	23,051
216	CUNY, Hunter C.	18,836	19,127	19,179	16,473	15,833	19,487	18,498	22,901
217	NC Agricultural and Technical State U.	13,495	16,403	16,093	15,453	18,506	18,550	23,883	22,652
218	Lehigh U.	19,400	22,932	19,648	23,559	22,739	19,724	23,721	22,390
219	Marshall U.	18,475	19,710	15,983	18,449	18,846	17,510	18,218	21,852
220	SUNY, U. Binghamton	10,697	10,494	12,322	15,207	15,497	18,119	20,979	21,244
221	NY Medical C.	25,103	25,242	26,579	26,101	23,107	22,253	21,095	21,013
222	U. NC, Greensboro	15,489	14,525	12,217	12,137	14,259	17,578	19,477	20,868
223	Charles R. Drew U. of Medicine and Science	40,430	41,207	44,394	48,580	43,291	53,110	20,430	20,679
224	Rochester Institute of Technology	13,555	12,783	15,361	14,572	15,597	19,707	23,254	20,396
225	U. Memphis	16,522	17,114	18,807	22,872	20,293	19,024	20,654	20,348
226	Air Force Institute of Technology	4,704	5,238	5,579	6,774	8,274	12,197	15,474	20,196
227	Catholic U. America	19,590	16,937	13,561	15,533	15,223	16,029	15,878	19,890
228	CA State U., Northridge	17,214	12,035	8,966	11,874	11,372	11,686	17,213	19,769
229	East Carolina U.	9,566	11,070	10,771	10,472	11,351	17,633	16,113	19,675
230	U. New Orleans	11,652	19,471	13,478	15,628	14,346	15,078	19,244	19,000
231	U. MO, Kansas City	16,062	17,457	16,401	19,144	17,263	15,976	16,391	18,988
232	Boise State U.	7,642	8,453	8,346	10,345	9,370	9,938	14,614	18,811
233	Western MI U.	14,859	18,551	17,414	17,550	19,169	15,663	19,738	18,736

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
234	U. PR, Mayaguez	8,760	12,026	11,645	12,366	11,913 i	12,673	12,735	18,568
235	Southern Methodist U.	7,511	9,983	11,705	13,117	13,123	11,254	13,312	18,502
236	Rutgers, State U. NJ, Newark	NA	NA	NA	NA	NA	NA	12,631	18,226
237	U. MD, Ctr. for Environmental Science	13,824	13,853	12,860	13,365	12,019	11,656	12,123	18,007
238	Mercer U.	9,613	11,235	11,741	11,075	12,012	13,377	18,778	17,904
239	Northern AZ U.	13,321	14,621	14,445	12,409	13,310	13,345	15,070	17,765
240	San Francisco State U.	37,056	12,777	17,800	12,430	10,149	13,249	15,601	17,337
241	ID State U.	8,634	12,288	11,862	11,989	13,363	12,701	14,645	17,149
242	U. South AL	17,832	16,538	15,567	16,676	15,907	15,883	14,730	16,758
243	U. of the VI	11,598	12,213	12,518	12,561	12,770	16,628	28,369	16,338
244	CA State U., Fullerton	6,823	6,228	6,787	5,947	7,353	9,169	13,651	16,159
245	U. NC, Charlotte	15,080	12,740	13,159	13,858	12,038	14,202	17,284	15,930
246	Worcester Polytechnic Institute	8,541	9,481	11,047	10,146	10,650	10,938	13,582	15,714
247	FL Atlantic U.	14,662	16,084	20,590	18,157	17,780	15,335	17,268	15,579
248	CUNY, Queens C.	5,820	5,732	6,422	7,676	9,245	9,519	13,642	15,573
249	U. TN, Institute of Agriculture	NA	NA	NA	NA	NA	NA	12,527	15,512
250	LA State U., Medical Ctr., Shreveport	ne	ne	ne	ne	14,009	14,106	13,890	15,316
251	Kent State U.	12,168	10,795	11,053	11,813	13,784	14,748	14,586	15,085
252	TX Tech U., Health Sciences Ctr.	7,604	6,730	9,713	8,765	8,995	11,274	12,950	14,790
253	U. North TX, Denton	6,927	7,881	9,009	7,815	9,045	10,870	14,444	14,754
254	U. LA, Lafayette	16,326	16,471	11,819	11,099	13,079	13,641	12,881	14,659
255	U. SD	12,849	15,617	17,502	16,683	17,569	18,795	16,467	14,490
256	U. NC, Wilmington	10,382	11,449	10,267	11,510	14,153	11,675	14,364	14,218
257	Creighton U.	13,745	12,683	10,505	11,716	10,722	12,196	11,850	14,140
258	U. Denver	14,165	13,095	11,772	11,671	12,306	14,126	13,364	14,042
259	Albany Medical C.	11,849	11,525	11,152	9,521	10,239	12,653	15,758	13,884
260	CA State U., Long Beach	9,413	9,449	8,926	12,655	13,914	10,723	12,731	13,811 i
261	U.S. Military Academy	5,920 i	6,290 i	6,660 i	7,248	9,420	8,641	22,146	13,799
262	U. MA, Dartmouth	9,537	10,190	9,893	11,843	13,543	10,804	12,236	13,657
263	Miami U.	5,132	8,014	7,874	8,964	10,872	13,500	13,591	13,210
264	U. West FL	6,930	15,714	10,259	12,349	10,167	10,265	11,038	13,156
265	Wichita State U.	18,294	20,037	20,496	22,251	23,846	18,598	13,751	12,972
266	DE State U.	4,342 i	5,436	6,870	6,797	7,354	8,875	10,154	12,822
267	Tuskegee U.	10,089	9,606	10,256	12,562	13,165	14,700	12,309	12,397
268	AL State U.	1,683	1,685	1,685	1,685	2,461	11,117	13,340	12,340
269	Hampton U.	31,443	42,792	28,584	23,836	20,910	12,662	14,455	12,292
270	U. Akron	10,487	10,809	11,517	11,277	9,362	11,030	12,107	12,130
271	LA Tech U.	4,804	5,467	5,826	4,309	6,646	8,431	10,806	11,952
272	Northern IL U.	7,707	10,373	11,794	13,123	11,639	17,225	17,334	11,807

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
273	Embry-Riddle Aeronautical U.	6,006	7,850	6,531 i	6,419	4,631	7,424	8,241	11,444
274	Marquette U.	6,246	7,082	7,611	6,896	7,134	6,876	9,381	11,291
275	Prairie View A&M U.	8,138	8,671	9,138	9,230	7,659	7,676	8,623	11,058
276	Elizabeth City State U.	1,032	888	590	1,792	2,982	3,404	5,552	10,402
277	FL Gulf Coast U.	4,402	7,214	8,488	7,261	6,834	6,386	9,542	10,328
278	TX State U., San Marcos	3,606	3,045	1,930	3,091	3,237	8,312	8,904	10,319
279	U.S. Naval Academy	5,341	5,987	6,739	7,806	8,928	10,450	10,750	10,243
280	U. MO, St. Louis	4,672	5,522	5,521	5,664	6,329	7,635	7,151	10,157
281	U. CA, Merced	na	2,816	3,135	3,119	4,852	8,025	9,392	10,140
282	Fayetteville State U.	9,569	8,379	554	7,673	7,500	9,110	10,844	10,029
283	CA State U., San Bernardino	5,587	8,247	5,473	4,538	5,002	6,872	3,394	9,953
284	SUNY, U. Albany, C. Nanoscale Science and Engineering	NA	NA	NA	NA	NA	NA	NA	9,887
285	Morgan State U.	7,227	8,126	12,199	9,992	10,978	10,702	10,039	9,884
286	U. AK, Anchorage	6,721	7,470	8,225	6,214	6,541	6,673	9,368	9,858
287	SUNY, C. of Environmental Science and Forestry	6,499 i	7,821	7,831 i	7,842	9,239	7,853	8,907	9,645 i
288	Clarkson U.	6,497	6,890	8,297	7,605	8,275	7,105	9,573	9,531
289	NC Central U.	4,932 i	5,763 i	6,597	4,337	6,323	5,055	6,870	9,496
290	Ponce School of Medicine	9,179	6,715	5,022	6,594	5,707	4,679	7,569	9,318
291	Rosalind Franklin U. of Medicine and Science	7,843	9,974	9,507	7,689	6,936	7,246	8,350	9,317
292	American U.	1,571	1,403	2,066	8,383	10,424	10,023	8,841	9,208
293	Oakland U.	5,702	5,747	6,478	5,476	5,428	5,564	7,130	9,178
294	CA Polytechnic State U., San Luis Obispo	2,957	5,849	6,761	5,678	7,770	12,284	11,637	8,658
295	Alcorn State U.	7,622	5,396	5,706	7,874	9,525	10,711	9,256	8,655
296	AR State U., Jonesboro	638	1,080	3,965	4,727	4,568	7,000	6,194	8,644
297	U. AR, Little Rock	7,196	2,681	1,126	2,617 i	4,108	5,961	7,571	8,615
298	U. MD, Eastern Shore	5,041	5,432	4,522	3,402	5,746	7,215	8,583	8,587
299	U. MN, Duluth	NA	NA	NA	NA	NA	NA	6,441	8,564
300	Teachers C., Columbia U.	6,709	6,648	6,985	7,662	7,622	7,357	6,533	8,526
301	CA State U., Los Angeles	8,170	10,023	8,948	10,292	9,180	8,332	7,234	8,426
302	TN State U.	11,277	10,470	10,216	8,475	7,576	7,257	7,414	8,369
303	Morehouse C.	2,923 i	3,602	5,517	4,935	4,822	6,993	7,857	8,063 i
304	U. Tulsa	11,547	9,455	8,778	8,644	7,094	6,350	7,126	7,970
305	Eastern MI U.	5,085	4,678	5,437	3,554	2,849	4,718	9,088	7,916
306	Wheeling Jesuit U.	4,183 i	4,780 i	5,377 i	6,250	9,208	11,374	8,768	7,869
307	Polytechnic Institute of NY U.	9,027	12,929	11,486	10,329	6,050	5,384	5,729	7,831
308	Dillard U.	351	887 i	1,423 i	3,724	1,473	5,621	7,096	7,796 i
309	U. Southern ME	7,815 i	9,738 i	12,588	20,198	32,817	31,062	9,137	7,752
310	East TN State U.	4,412	5,015	4,713	4,864	4,911	5,525	6,272	7,705



TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
311	FL Institute of Technology	5,592	5,413	7,338	6,073	7,199	8,085	9,175	7,637
312	TX A&M U., Corpus Christi	6,580	5,971	7,850	6,651	6,233	7,166	7,869	7,506
313	CUNY, Brooklyn C.	2,732	2,694	3,478	4,263	3,910	3,986	5,358	7,098
314	Lincoln U., Jefferson City	1,552	2,093	4,367	4,169	4,574	6,358	5,984	7,084
315	Clark Atlanta U.	13,089	11,379	10,008	7,905	6,784	7,329	7,229	7,040
316	CA State U., Sacramento	138 i	144 i	150 i	163	3,299	4,159	5,829	6,965
317	Nova Southeastern U.	1,884	1,719	3,204	3,470	4,352	4,605	5,718	6,904
318	St. Edward's U.	ne	ne	ne	ne	ne	ne	ne	6,899
319	SC State U.	2,418	2,587	2,587	2,587	6,766	7,037	6,334	6,858 i
320	Villanova U.	6,361 i	7,266 i	8,171 i	9,333	5,388	5,582 i	6,367 i	6,817
321	Xavier U. LA	5,226	4,505 i	3,939	4,272	4,280	4,098	5,669	6,673
322	U. Central del Caribe	8,498	8,543	8,206	8,672	7,304	6,752	6,504	6,613
323	Norfolk State U.	6,054	6,055	4,623	5,998	7,287	6,313	5,413	6,462
324	Southern U. and A&M C., Baton Rouge	3,581	3,539 i	3,496	4,375	5,593	5,920	5,920	6,410 i
325	TN Technological U.	2,694	3,833	3,841	6,218	5,467	6,404	7,490	6,397
326	U. NE, Omaha	4,626	5,292	4,545	3,789	3,366	4,476	6,014	6,333
327	TX A&M U., Kingsville	3,835	5,029	4,625	5,067	3,364	6,072	7,088	6,280
328	Western KY U.	4,472	4,983	7,257	8,225	6,750	6,521	6,866	6,210
329	Bowling Green State U.	5,318	6,434	6,185	6,530	5,984	4,285	4,963	6,164
330	U. TX, Brownsville	ne	ne	ne	ne	4,371	4,641	5,640	6,122
331	Tarleton State U.	5,439	6,386	5,534	4,852	4,701	7,599	6,379	6,036
332	VA State U.	5,655	2,668	7,610	9,652	6,496	7,421	5,552	6,035
333	Duquesne U.	3,870	4,509	3,665	4,699	5,460	5,120	5,904	5,991
334	West Chester U. PA	2,073	1,612	235	1,015	2,015	1,384	3,614 i	5,845
335	Purdue U., Calumet	NA	NA	NA	NA	NA	NA	6,127	5,835
336	U. CO, Colorado Springs	2,726	3,441	3,470	4,496	4,733	5,166	6,699	5,805
337	U. WI, Superior	743	830	1,360	2,068	1,599	3,296	5,197	5,638 i
338	Wesleyan U.	5,509	5,248	4,766	5,179	4,160	3,412	4,496	5,525
339	U. GU	9,205	8,265 i	7,324	6,867	5,550	4,808	4,962	5,391
340	U. TX, Pan American	2,666	3,770	4,238	4,182	4,731	5,507	5,544	5,339
341	James Madison U.	2,843	3,568	3,576	3,864	3,807	3,832	5,563	5,218
342	Claremont Graduate U.	1,468	1,859	1,695	1,359	1,194	2,873 i	5,888	5,215
343	Claffin U.	255	222	930	1,261 i	1,592	3,328	3,226	5,103
344	U. North FL	1,493	2,984	3,517	5,758	5,759	3,933	4,636	5,082
345	C. Charleston	3,441	3,324	4,205	4,404	4,268	3,776	11,610	5,056
346	MT Tech of U. MT	4,857	5,195	6,033	5,567	6,048	5,900	5,321	4,999
347	TX Southern U.	3,970	4,651	4,797	3,943	4,276	4,988	5,240	4,899
348	Central MI U.	2,740	3,086	1,368	1,415	1,482	1,437	2,536	4,841
349	U. WI, Stevens Point	884	867	951	1,152	1,410	1,819	4,456	4,834 i
350	MO State U.	2,879	5,208	4,706	8,844	7,956	9,786	6,071	4,764

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
351	CA State U., Monterey Bay	2,938	3,821	3,779	3,832	3,642	4,352	3,167	4,713
352	U. AR, Pine Bluff	3,870	4,278	3,777	3,091	3,788	3,894	3,947	4,696
353	Allen U.	ne	ne	ne	ne	ne	ne	ne	4,673 i
354	Western WA U.	2,262	2,383	3,059	3,047	3,239	2,828	4,594	4,661
355	Gallaudet U.	1,747	2,157	1,959	3,460	3,834 i	4,208 i	5,522	4,633
356	Fisk U.	5,000	6,600	6,000	6,600	2,851	5,265	7,686	4,631
357	DePaul U.	3,541	4,110	3,615	2,699	2,292	2,897	3,896	4,629
358	IL State U.	2,796	3,576	3,430	3,447	4,359	5,398	5,442	4,586
359	CA State U., San Marcos	ne	ne	ne	ne	670	5,311	4,106	4,497 i
360	U. MI, Dearborn	NA	NA	NA	NA	NA	NA	2,932	4,305
361	CUNY, John Jay C. of Criminal Justice	177	516	562	1,695	2,309	3,360	3,418	4,086
362	Northeast OH Medical U.	2,964	3,267	2,754	2,777	2,417	2,819	4,009	4,081
363	Cheyney U. PA	228 i	247 i	278	166	111	169	255	4,060
364	Southern IL U., Edwardsville	18,606	15,774	15,835	17,403	15,757	16,375	4,192	4,056
365	Southern U. Agriculture Research and Extension Ctr.	ne	ne	ne	ne	ne	ne	ne	4,049
366	Lamar U.	1,504	1,259	1,785	2,309	2,692	3,086	4,377	4,036
367	Fordham U.	929	1,397	2,441	2,268	2,774	3,293	4,132	3,925
368	TX Christian U.	4,060	4,072	4,342	4,109	3,734	3,948	3,373	3,924
369	Sam Houston State U.	866 i	115	1,118	2,004	2,503	6,610	5,066	3,855
370	Clark U.	4,475 e	2,725	3,328	3,027	3,095	2,975	3,243	3,801
371	CA State U., Fresno	3,750	4,892	1,677	2,777	3,908	4,516	3,424	3,795
372	Langston U.	3,578	3,848	3,661	3,582	3,489	2,990	3,313	3,778
373	Baylor U.	1,453	1,927	1,718	2,863	3,277	4,678	2,947	3,704
374	Drew U.	ne	ne	ne	ne	ne	ne	ne	3,695
375	Central State U.	1,319 i	1,579	2,263	2,263	2,376	2,926	2,544	3,528
376	CUNY, Graduate Ctr.	5,295	5,408	3,641	3,914	6,266	2,796	4,901	3,462
377	Ft. Valley State U.	2,558	2,492	2,570	2,610	3,297	3,262	4,586	3,452
378	Kettering U.	298	701	2,882	1,583	2,035	2,741	4,477	3,452
379	Winthrop U.	ne	ne	ne	ne	ne	ne	ne	3,440
380	Palmer C. of Chiropractic, Davenport	ne	ne	ne	ne	1,640	1,404	3,009	3,344
381	SUNY, C. of Optometry	1,856	1,979	1,753	2,164	1,982	2,043	2,829	3,336
382	Barnard C.	1,370 e	2,384	2,098	2,519	2,412	2,439	2,754	3,325
383	Youngstown State U.	1,385	1,138	1,067	464	1,247	1,187	2,067	3,304
384	Humboldt State U.	2,577 i	2,564 i	2,548	2,510	4,723	6,846	3,024	3,292
385	U. Baltimore	ne	2,832	1,757	288	689	1,418	1,812	3,288
386	U. New England	ne	ne	1,178	978	1,319	1,387	2,829	3,242
387	WV State U.	1,403	2,128	1,867	1,795	2,949	2,689	2,759	3,193
388	Smith C.	1,626	1,996	3,147	3,196	3,740	3,540	2,843	3,159
389	KY State U.	26,765	3,100	3,797	3,673	3,849	3,736	3,501	3,146
390	Ball State U.	6,177	7,057	6,765	7,503	6,748	6,602	3,988	3,064

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
391	CA State Polytechnic U., Pomona	4,059	2,765	2,502	2,466	1,750	1,682	2,563	2,978
392	U. TN, Chattanooga	661	2,723	2,585	1,865	3,601	3,148	4,866	2,932
393	Benedict C.	1,020	1,399	1,385	1,747	1,417	1,287	1,473	2,925
394	Eastern KY U.	175	1,015	3,515	6,069	5,001	1,766	2,638	2,852
395	St. Francis U.	ne	4,981	4,114	3,677	3,147	2,915	2,923	2,823
396	Loyola Marymount U.	508	473	1,044	1,588	1,664	2,569	1,731	2,815
397	Fairfield U.	2,007	2,695	1,934	1,477	1,941	2,269	2,681	2,780
398	Tougaloo C.	422 i	427 i	434	1,782	2,707	2,334	2,978	2,753
399	Bucknell U.	986	726	2,131	1,233	1,835	2,393	2,745	2,747
400	CUNY, Lehman C.	2,936	3,711	3,773	4,054	2,834	2,421	2,560 i	2,700
401	Long Island U.	962	1,227	2,088	2,091 i	2,144	2,169 i	2,480 i	2,686 i
402	Seton Hall U.	1,233	1,912	3,062	2,743	2,340	5,099	2,206	2,681
403	U. of the Pacific	1,772	1,562	2,352	2,099	3,124	2,695	3,135	2,678
404	CA State U., Dominguez Hills	8,540	5,174	2,530	5,167	8,202	2,441	2,658	2,671
405	Middle TN State U.	1,651	1,084	636	1,020	473	1,395	2,651	2,669
406	Plymouth State U.	ne	ne	ne	ne	1,184	862	1,066 i	2,668
407	Towson U.	302	1,571	894	820	936	1,544	1,806	2,630
408	Montclair State U.	547	1,018	1,484	1,087	1,183	1,488	1,876	2,629
409	Lawrence Technological U.	272	354	1,939	1,546	1,345	1,334	3,144	2,615
410	Harvey Mudd C.	820 i	767	1,003	1,231	1,637	1,622	2,049	2,594
411	Appalachian State U.	449	632	1,591	2,270	1,585	1,240	1,813	2,586
412	Savannah State U.	2,094	2,421	2,342	2,257	1,864	1,615	1,774	2,518
413	Wellesley C.	3,776	2,760	2,896	3,331	3,108	2,707	3,677	2,496
414	Murray State U.	1,185	1,311	1,007	642	591	424	2,074	2,471
415	IN U.-Purdue U., Ft. Wayne	NA	NA	NA	NA	NA	NA	1,797	2,443
416	Hope C.	1,576	1,181	1,710	1,432	1,361	1,207	2,523	2,414
417	RI C.	ne	ne	ne	ne	ne	ne	ne	2,404
418	Carleton C.	1,575	1,718	1,474	1,417	1,485	1,765	1,803	2,332
419	U. WI, La Crosse	2,109	2,171	1,619	2,147	1,329	1,439	2,150	2,332 i
420	U. DC	3,492	2,958	3,813	4,002	4,211	1,938	1,946	2,313
421	U. Northern IA	1,538	1,086	654	1,219	995	900	1,460	2,294
422	Middlebury C.	1,261 i	1,372 i	1,483 i	1,790	1,710	1,790	2,245	2,289
423	Central WA U.	6,405	4,794	5,485	6,507	7,022	5,464	4,038	2,242
424	Shaw U.	2,548	3,202	3,720	3,632	3,956	3,481	2,837 i	2,193
425	Hofstra U.	464 i	495 i	2,764	2,737	2,850	3,462	2,206	2,182
426	Roger Williams U.	959	1,402	1,832	1,175	997	1,015	1,574	2,132
427	Williams C.	1,258	1,737	2,141	1,705	1,837	1,959	2,330	2,117
428	Rowan U.	5,004	4,483	4,555	4,267	3,783	4,066	2,062	2,108
429	Grambling State U.	1,522	1,926	648	428	807	810 i	993	2,085
430	U. South FL, St. Petersburg	NA	NA	NA	NA	NA	NA	2,570	2,058

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
431	New School	2,330	2,960	4,854	5,922	980	890	1,670	2,042
432	Santa Clara U.	ne	3,609 i	3,695 i	3,721 i	3,796	3,915	3,494	2,019
433	Chicago State U.	1,415 i	1,724	1,994	1,993	1,926	5,588	1,598	2,014
434	U. Metropolitana	ne	2,677 i	298	248	505	597	1,282	2,013
435	Mt. Holyoke C.	1,800	1,869	1,780	1,989	1,947	1,762	1,362	2,010
436	Alfred U.	1,827	2,766	2,364	2,002	1,110	1,289	1,687	2,004
437	Amherst C.	1,126	1,270	1,872	1,110	1,194	1,366	1,102	1,992
438	Bastyr U.	ne	ne	ne	ne	ne	1,197	1,211	1,988
439	Northwest Indian C.	ne	ne	ne	ne	ne	2,455	1,943	1,980 i
440	U. PR, Humacao	3,201	3,325	4,080	4,930	2,104	1,925	1,950 i	1,976
441	U. LA, Monroe	2,512	1,051	2,751	2,105	7,498	3,343	1,470	1,971
442	SUNY, Buffalo State C.	1,125	1,335	1,150	810	1,259	1,699	1,293	1,965
443	Bowdoin C.	1,151	1,444	1,484	1,402	1,271	1,254	1,815	1,942
444	Bowie State U.	1,883	2,174	1,951	1,960	ne	ne	ne	1,910
445	Bryn Mawr C.	1,242	992	1,237	1,375	3,788	2,441	1,301	1,901
446	Keene State C.	ne	ne	ne	ne	ne	ne	ne	1,884
447	Monmouth U.	543 i	779	1,690	1,762	1,538	1,571	2,190	1,873
448	Haverford C.	1,066	857	514	622	1,073	1,338	2,715	1,851
449	Vassar C.	480 i	616	958	625	1,126	1,160	1,280	1,838
450	Spelman C.	2,419	2,576	2,901	3,361	2,219	3,164	2,740	1,833
451	U. Richmond	908	1,837	1,454	1,402	1,912	1,913	2,138	1,831
452	Columbus State U.	ne	ne	ne	ne	ne	ne	ne	1,792
453	Pomona C.	1,017	888	1,087	1,231	1,016	815	1,048	1,779
454	U. NC, Asheville	265	1,677	1,754	3,488	1,642	1,427	1,367	1,770
455	Keck Graduate Institute	ne	ne	ne	ne	ne	ne	ne	1,744
456	U. Central AR	2,265	2,268	2,490	2,034	1,036	1,018	1,658	1,732
457	Stephen F. Austin State U.	1,061	1,076	3,730	3,436	4,136	4,367	5,530	1,690
458	Siena C.	ne	ne	630 i	585 i	589	1,112	1,045	1,687
459	U. Northern CO	1,944	2,251	2,039	1,235	1,289	2,066	2,082	1,681
460	Sul Ross State U.	261	1,506	1,586	1,632	1,094	1,271	1,595	1,672
461	Morehead State U.	1,162	1,693	1,019	1,257	1,788	1,227	1,528	1,656
462	Albany C. of Pharmacy and Health Sciences	235	351	524	250	582	825	1,380	1,634
463	Arcadia U.	ne	324 i	332 i	426	462	331	1,206	1,621
464	Northern KY U.	475	777	1,280	908	1,062	1,160	1,476	1,595
465	U. New Haven	654 i	235	ne	366	ne	ne	ne	1,592
466	Christopher Newport U.	1,944	1,673	587	596	670	768	1,049	1,587
467	CUNY, C. Staten Island	1,624	1,646	1,302	1,256	1,242	918	952	1,583
468	Chapman U.	439	303	1,299	1,425	919	1,565	1,871	1,576
469	U. Hartford	697	767	891	1,865	1,765	1,250	820	1,576
470	Wiley C.	193	45	ne	ne	264	298	362	1,574

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
471	Nicholls State U.	98	674	374	167	43	240	946	1,571
472	Lafayette C.	1,549	1,104	990	833	1,193	1,255	1,223	1,564
473	Skidmore C.	364	741	430	369	270	890	1,872	1,562
474	Touro U., Vallejo	ne	ne	ne	ne	ne	642	999	1,558
475	TX A&M U., Commerce	355	423	302	305	421	1,297	1,362	1,557
476	Rutgers, State U. NJ, Camden	NA	NA	NA	NA	NA	NA	2,001	1,555
477	Western OR U.	ne	ne	ne	ne	ne	131	1,652	1,532
478	GA Southern U.	3,751	4,546	5,368	5,754	3,167	3,426	2,077	1,530
479	East Central U.	ne	ne	ne	ne	ne	ne	ne	1,518
480	Macalester C.	959	739	983	483	528	626	1,075	1,517
481	CUNY, York C.	1,706	1,448	1,455	2,468	2,160	ne	ne	1,507
482	Coastal Carolina U.	856	453	936	818	1,445	899	1,533	1,487
483	Bates C.	679	794	1,226	887	892	758	971	1,485
484	Columbia C., Chicago	ne	ne	ne	ne	ne	ne	ne	1,441
485	Hamilton C.	1,422	1,454	1,480	1,216	1,134	1,109	1,077	1,406
486	Franklin and Marshall C.	827	1,277	945	909	1,095	1,079	1,857	1,397
487	Hobart and William Smith Colleges	ne	ne	ne	613	1,176	1,227	1,118	1,379
488	Northwestern Health Sciences U.	ne	ne	800	1,289	1,361	1,503	1,467	1,378
489	IN State U.	781	660	1,269	1,109	1,279	848	990	1,352
490	West TX A&M U.	2,581	1,968	2,694	2,558	2,242	1,953	2,100	1,347
491	Philadelphia U.	ne	227 i	759	776	440	586	968	1,342
492	U. of the Sciences Philadelphia	207	249	499	478	1,054	822	984	1,338
493	Lincoln U. of the Commonwealth of PA	526	526	606	450	774	560	1,114	1,336
494	Barry U.	ne	ne	ne	ne	697	875	897	1,331
495	CA State U., Chico	1,192 i	1,340	1,072 i	1,117 i	1,163	1,038	1,502	1,317
496	CUNY, Medgar Evers C.	555	701	630	495	157	173	392	1,315
497	SUNY, C. Geneseo	657	1,009	870	1,335	1,119	1,119	755	1,306
498	PA State U., Harrisburg	NA	NA	NA	NA	NA	NA	963	1,302
499	Pittsburg State U.	744	716	1,255	1,258	830	936	999	1,280
500	U. PR, Cayey	ne	ne	ne	861	766	1,531	710	1,278
501	U. TX, Tyler	ne	144	438	937	1,792	2,109	3,378	1,277
502	St. John's U., New York City	1,262 i	3,829	3,696	1,578	1,433	1,372	1,274	1,263
503	HI Pacific U.	ne	ne	ne	ne	ne	ne	ne	1,261
504	U. West GA	973	1,253	953	1,033	1,323	721	761	1,259
505	New England C. of Optometry	1,958	1,474	1,125	729	1,101	553	726	1,236
506	Grand Valley State U.	559	675	428	543	716	1,045	1,134	1,235 i
507	Trinity C., Hartford	686	611	373	575	346	593	1,026	1,217
508	CA Maritime Academy	ne	ne	ne	ne	ne	ne	ne	1,200
509	Southern CT State U.	1,955	2,270	1,458 i	1,249	1,039	1,063	1,459	1,199
510	TX A&M International U.	ne	190	ne	ne	196	1,169	1,623	1,195



TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
551	Dine C.	ne	ne	ne	ne	ne	ne	ne	959 i
552	Union C., Schenectady	664	657	534	647	930	741	1,427	959
553	Whitman C.	544	499	302	289	1,067	429	1,080	957
554	Pace U.	644	958	408	443	602	377	627	952
555	Barnes-Jewish C. Goldfarb School of Nursing	ne	ne	ne	ne	ne	ne	ne	950
556	U. AK, Southeast	691	249	409	891	1,695	1,269	1,222	941
557	U. St. Thomas (MN)	154	182	232	302	472	580	842	933
558	Washington and Jefferson C.	ne	ne	ne	ne	846	1,174	1,188	932
559	Dominican U. CA	ne	ne	ne	ne	ne	ne	ne	931
560	Western New England C.	ne	ne	ne	ne	ne	ne	ne	931
561	CA State U., East Bay	1,639	2,122	2,037	1,652	1,287	1,457	643	921
562	Western U. of Health Sciences	312	639	905	917	1,007	848	885	914
563	Southeastern LA U.	1,257	1,293	1,428	1,067	1,045	956	1,161	911
564	U. WA, Bothell	NA	NA	NA	NA	NA	NA	446	911
565	SUNY, C. of Agriculture and Technology, Cobleskill	ne	ne	ne	ne	ne	ne	1,382	909
566	Augsburg C.	888	853	1,103	857	744	ne	ne	905
567	Occidental C.	1,100 i	880	690	745	802	608	665	904
568	Albany State U.	2,547	2,010	1,119	952	896	958	396	893
569	Valparaiso U.	404	372	487	582	642	532	505	892
570	Southern Polytechnic State U.	ne	ne	ne	272	439	444	428	891
571	Southern OR U.	587	1,602	2,032	1,500	506	424	639	885
572	SUNY, C. Oswego	1,342	839	918	903	838	774	644	871
573	PA State U., Beaver	NA	NA	NA	NA	NA	NA	786	868
574	U. Detroit Mercy	178 e	191 i	286	227 i	ne	972	633	856
575	MN State U., Mankato	72 i	48	93	495	745	363	2,051	852
576	Philadelphia C. of Osteopathic Medicine	951	973	681	560	563	542	812	850
577	U. WI, Green Bay	1,298	1,130	1,199	838	653	654	778	848 i
578	Hendrix C.	626	550	558	369	607	521	466	847
579	St. Olaf C.	347	390	415	725	919	1,067	1,247	843
580	Rose-Hulman Institute of Technology	1,157	1,163	1,983	886	784	843	1,159	839
581	Indiana U. PA	1,446	578	355	286	407	589	660	833
582	U. WI, Eau Claire	721	791	844	804	685	1,158	1,320	829
583	Dickinson C.	1,325	1,014	632	1,355	1,006	801	602	821
584	U. Houston, Clear Lake	396	504	315	159	111	119	301	818
585	LA State U., Shreveport	78	86	359	757	545	556	849	801
586	Governors State U.	112 i	372	795	1,137	1,243	1,319	1,124	797
587	SUNY, Institute of Technology, Utica/Rome	ne	ne	ne	ne	ne	ne	695	785
588	MS Valley State U.	493	606	794	844	951	1,063	993	772
589	Reed C.	702	774	598	658	663	639	796	772
590	U. TX, Permian Basin	ne	ne	ne	147	313	320	677	761

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
591	U. Western States	ne	ne	ne	ne	825	677	866	757
592	Mills C.	ne	ne	550 i	575 i	521 i	1,644	1,095	753
593	C. of the Holy Cross	538	312	1,078	779	796	1,026	904	752
594	Salish Kootenai C.	ne	ne	ne	ne	419	599	475	748
595	Western IL U.	5,941	5,346	5,535	5,098	2,917	1,958	658	746
596	Austin Peay State U.	ne	ne	ne	ne	ne	ne	ne	729
597	Wilberforce U.	400 i	720 i	1,040 i	1,360	854	552	737	729 i
598	CA State U., Bakersfield	1,644 i	6,645	4,728	584	139	678	637	727
599	Providence C.	214	635	693	720	765	798	857	726
600	SUNY, C. Plattsburgh	2,410	3,573	3,732	2,270	471	1,051	1,187	726
601	Western Carolina U.	5,625	1,233	1,786	1,494	2,450	1,824	1,296	721
602	Sojourner-Douglass C.	ne	ne	ne	ne	ne	ne	ne	709
603	Armstrong Atlantic State U.	ne	ne	ne	ne	ne	451	2,681	708
604	Edward Via C. of Osteopathic Medicine	ne	ne	ne	ne	ne	ne	ne	707
605	SUNY, C. Old Westbury	1,258	1,469	1,632	1,468	878	519	642 i	696 i
606	Central CT State U.	243	879	568	612	448	199	366	684
607	Lewis and Clark C.	129	102	437	586	575	684 i	843	684
608	Northwestern State U. LA	0 i	0 i	0	0	535	573	635	683
609	SUNY, C. Brockport	574	436	606	819	307	228	521	677
610	U. SC, Beaufort	NA	NA	NA	NA	NA	NA	338	675
611	Capitol C.	ne	ne	ne	ne	ne	ne	ne	667
612	Franklin W. Olin C. of Engineering	ne	ne	ne	ne	ne	ne	ne	666
613	U. of Mary Washington	ne	ne	ne	ne	ne	ne	ne	660
614	National U.	ne	ne	ne	ne	ne	ne	ne	650
615	Southern U. and A&M C., New Orleans	556	592	592	154	191	505	369	650
616	Willamette U.	586	262	182	243	420	839	666	650
617	Purdue U., North Central	NA	NA	NA	NA	NA	NA	639	646
618	John Carroll U.	2,016	1,531	1,687	1,562	1,431	1,441	1,036	635
619	Ithaca C.	1,807	1,558	1,358	1,252	1,197	851	617	627
620	Mt. St. Mary's C.	492	570	581	515	307	548	647	626
621	New C. FL	208	202	ne	ne	ne	ne	514	626
622	Seattle U.	282	421	469 i	517 i	820	314	468 i	622
623	St. Cloud State U.	1,689	2,471	2,082	2,012	2,008	2,244	1,260	622
624	U. NC, Pembroke	ne	ne	160	319	239	156	210	621
625	Sinte Gleska U.	ne	862	1,452	1,231	1,115	1,674	537	613
626	OH Wesleyan U.	264 i	325	271	263	121	158	203	611
627	Loyola U., MD	411	551	464 i	1,371	149	136	555	603
628	Sitting Bull C.	ne	ne	ne	ne	ne	ne	ne	593
629	U. SC, Aiken	NA	NA	NA	NA	NA	NA	122	592
630	Salisbury U.	ne	ne	ne	ne	ne	ne	1,823	586



TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
631	Mesa State C.	ne	ne	ne	ne	623	839	1,064	585
632	Wheaton C., Wheaton	ne	ne	ne	ne	ne	ne	ne	585
633	SUNY, Farmingdale State C.	ne	ne	ne	ne	ne	ne	228	584
634	Calvin C.	530	770	672	600	2,156	1,528	2,084	560
635	Eastern WA U.	670	492	639	675	596	602	46	559
636	Minot State U.	ne	ne	ne	ne	ne	614	795	559
637	Sonoma State U.	234	445	219	280	472	458	690	559
638	Bradley U.	671	346	405	357	359	383	512	554
639	Kean U.	ne	ne	ne	ne	ne	ne	ne	550
640	Weber State U.	ne	ne	ne	ne	ne	307	355	550
641	Heidelberg U.	ne	ne	ne	ne	ne	ne	ne	544 i
642	Frostburg State U.	ne	ne	ne	ne	ne	215	372	543
643	PA State U., Altoona	NA	NA	NA	NA	NA	NA	267	535
644	U. North AL	ne	ne	ne	ne	ne	ne	ne	529 i
645	Saginaw Valley State U.	10	13	57	396	91	89	77	525
646	Ashland U.	ne	ne	ne	ne	ne	ne	ne	518 i
647	MN State U., Moorhead	ne	ne	ne	ne	ne	ne	ne	514
648	C. Wooster	281	467	507	219	150	284	249	512
649	Ft. Lewis C.	150	204	616	147	182 i	217	340	511
650	Philander Smith C.	ne	ne	ne	ne	ne	ne	ne	510
651	Scripps C.	ne	ne	ne	ne	ne	ne	ne	503
652	Toyota Technological Institute Chicago	ne	ne	ne	ne	ne	ne	ne	496
653	McNeese State U.	451	382	279	140	195	191	433	495
654	IN U., South Bend	NA	NA	NA	NA	NA	NA	282	494
655	NY Institute of Technology	1,110	230	267	865	433	915	250	494
656	Sewanee: U. of the South	ne	68	57	13	ne	ne	ne	491
657	U.S. Coast Guard Academy	866	660	553	1,006	688	477	672	487
658	U. CA, Office of the President	203	519	796	256	101	199	121	483
659	Agnes Scott C.	ne	ne	ne	ne	ne	840	1,328	478
660	Truman State U.	84	187	227	238	399	397	605	476
661	Southwestern OK State U.	ne	ne	ne	230	ne	210	333	473
662	St. Michael's C.	ne	ne	ne	ne	ne	407	487	471
663	C. of Menominee Nation	ne	ne	ne	ne	ne	ne	ne	468 i
664	Marine Corps U.	ne	ne	ne	ne	ne	ne	ne	468
665	Susquehanna U.	ne	ne	ne	ne	ne	ne	ne	463
666	Ursinus C.	ne	ne	357	272	401	264	413	462
667	CO C.	78 i	82 i	ne	ne	1,027	261	473	458
668	Millersville U. PA	547 i	586 i	625 i	668	ne	359	307	457
669	U. WI, Whitewater	273	278	219	185	352	364	411	457 i
670	U. IL, Springfield	843	850	747	1,300	1,335	1,258	436	455

TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
671	CA State U., Channel Islands	ne	ne	ne	ne	ne	ne	ne	451
672	Northeastern State U.	832 i	1,226	1,226	507	329	460	451	450
673	Auburn U., Montgomery	NA	NA	NA	NA	NA	NA	174	445
674	Midwestern U., Downers Grove	857	1,298	1,168	801	543	417	315	438
675	Abilene Christian U.	135	164	187	194	217	308	537	427
676	Daemen C.	ne	ne	ne	481	187	197	426	421 i
677	Paine C.	ne	ne	ne	ne	ne	ne	ne	416
678	U. MN, Morris	NA	NA	NA	NA	NA	NA	245	414
679	West Liberty U.	ne	ne	442	310	268	374	550	413
680	MGH Institute of Health Professions	ne	ne	ne	ne	ne	ne	ne	408
681	U. WA, Tacoma	NA	NA	NA	NA	NA	NA	573	406
682	Southeastern OK State U.	372	475	476	332	282	136	171	405
683	Richard Stockton C. NJ	ne	ne	ne	ne	ne	ne	ne	405
684	Mayville State U.	ne	185	243	224	224	224	212	404
685	Dakota State U.	ne	ne	ne	ne	ne	ne	ne	402
686	Northwest Nazarene U.	ne	ne	ne	ne	ne	ne	ne	401
687	SUNY, C. Cortland	417	553	416	237	43	74	153	398
688	SUNY, C. Potsdam	ne	ne	ne	ne	ne	196	386	393
689	Mercyhurst C.	ne	ne	897	510	903	684	854	389
690	MT State U., Billings	ne	694 i	776	706	865	419	327	388
691	Radford U.	91	ne	384	ne	145	195	292	386
692	Drake U.	815	1,252	1,200	1,264	1,006	547	456	382
693	Rhodes C.	238 i	263	396	421	411	425	519	378
694	Edinboro U. PA	ne	ne	ne	ne	ne	ne	ne	377
695	OK State U. Ctr. for Health Sciences	NA	NA	NA	NA	NA	NA	817	377
696	Simmons C.	801	884	983	647	323	245	181	373
697	U. San Francisco	707	549	386	513	344	326	428	371
698	Adelphi U.	ne	ne	147 i	565	349	548	290	369
699	Elizabethtown C.	ne	ne	ne	ne	ne	167	394	369
700	Wilkes U.	105	ne	49	108	166	100	345	361
701	Kenyon C.	ne	ne	ne	ne	558	338	413	358
702	Erikson Institute	ne	ne	ne	ne	ne	ne	ne	355
703	CO State U., Pueblo	1,014	598	837	55	249	272	364	354
704	Rider U.	428	308	372	321	365	560	407	350
705	Vanguard U.	ne	ne	ne	ne	329	174 i	343 i	350
706	AK Pacific U.	ne	ne	ne	ne	176	257	283	349
707	Eastern IL U.	336 i	420 i	504 i	4,700	6,617	5,515	450	346
708	Millsaps C.	ne	0 i	471	588	611	511 i	433	336
709	Dominican U.	ne	ne	ne	ne	ne	ne	ne	333
710	St. Mary's C. MD	320	306	305	76	86	102	233	327





TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
791	Pacific Lutheran U.	199 i	215 i	231 i	251	176	836	169	185
792	Bard C.	ne	173 i	ne	ne	ne	ne	ne	183
793	Dowling C.	ne	ne	ne	1,482	1,063 i	643	200	183
794	Berea C.	ne	ne	ne	ne	ne	ne	ne	182
795	Canisius C.	142 i	150 i	222	192	99	94	154	181
796	OH Northern U.	ne	ne	ne	ne	ne	108	180	181
797	Sweet Briar C.	ne	ne	ne	151	ne	ne	ne	180
798	Lyon C.	ne	ne	ne	ne	ne	ne	ne	179
799	WV Wesleyan C.	ne	ne	ne	ne	ne	ne	ne	173
800	Bank Street C. of Ed.	ne	ne	ne	ne	ne	ne	ne	171
801	CA Lutheran U.	ne	ne	ne	ne	ne	ne	ne	171
802	Coker C.	ne	ne	ne	ne	ne	ne	ne	171
803	LeMoyne-Owen C.	ne	ne	32 i	ne	ne	341	610	171
804	Jarvis Christian C.	232	ne	573	ne	ne	166	184	169
805	Messiah C.	ne	ne	ne	ne	ne	ne	ne	169
806	Coe C.	ne	ne	ne	228	244	136	322	166
807	Niagara U.	ne	ne	ne	ne	ne	154	162	166
808	Shepherd U.	ne	ne	ne	ne	ne	ne	ne	166
809	Bluefield State C.	156	359	356	396	ne	ne	ne	162
810	Juniata C.	778	537	167	181	219	326	150	162
811	U. WI, Stout	838	285	190	177	187	78	148	161 i
812	U. WI, Parkside	548	501	248	84	85	64	127	160
813	U. Bridgeport	ne	ne	ne	ne	ne	ne	ne	159
814	Citadel Military C. SC	ne	ne	ne	ne	ne	ne	ne	157
815	Goucher C.	ne	ne	ne	216	292	269	322	157
816	Utica C.	ne	ne	ne	ne	ne	ne	ne	157
817	IL Wesleyan U.	ne	150	113	644	993	353	360	156
818	MS C.	ne	ne	ne	ne	ne	ne	ne	153
819	SUNY, Fashion Institute of Technology	ne	ne	ne	ne	ne	ne	ne	150
820	AR Tech U.	140 i	145 i	150	171 i	171 i	177 i	253 i	149
821	Wittenberg U.	ne	ne	ne	ne	ne	ne	ne	148
822	Eastern OR U.	64	594	1,206	418	396	382	116	147
823	CUNY, New York City C. of Technology	ne	ne	ne	ne	39	29	81	145
824	Hamline U.	ne	ne	ne	ne	ne	ne	ne	145
825	U. WI, River Falls	106	189	257	150	71	136	134	145 i
826	Bryant U.	ne	ne	ne	ne	ne	ne	ne	143
827	PA State U., Great Valley School of Graduate Professional Studies	NA	NA	NA	NA	NA	NA	0	143
828	Centre C.	ne	ne	ne	ne	ne	ne	ne	142
829	William Paterson U.	ne	ne	ne	133 i	139	106	105	140
830	Washington and Lee U.	376 i	468	332	247	230	407	646	138



TABLE 16. Federally financed higher education R&amp;D expenditures, ranked by FY 2011 R&amp;D expenditures: FY 2004–11

(Dollars in thousands)

Rank	Institution	2004	2005	2006	2007	2008	2009	2010	2011
869	U. VA's C. Wise	NA	NA	NA	NA	NA	NA	76	38
870	St. Mary's U., San Antonio	414	405	183	623	785	319	20	36
871	North Central C.	ne	ne	ne	ne	ne	ne	ne	35
872	Roanoke C.	364	192	144	26	0	91	63 i	34
873	Shippensburg U. PA	ne	ne	ne	ne	ne	ne	ne	34
874	Austin C.	ne	ne	ne	ne	ne	ne	ne	33
875	NY Chiropractic C.	ne	ne	ne	ne	ne	ne	ne	30
876	Pitzer C.	223	121	146	116	15	0	36	30
877	U. MN, Rochester	NA	NA	NA	NA	NA	NA	3	30
878	U. Southern IN	ne	ne	ne	ne	ne	ne	ne	25
879	Concord U.	ne	ne	ne	ne	ne	ne	ne	23
880	Carthage C.	ne	ne	ne	ne	ne	ne	ne	22
881	Southeast MO State U.	130 i	182	98	ne	ne	ne	ne	21
882	Chicago School of Professional Psychology	ne	ne	ne	ne	ne	ne	ne	20
883	Eastern CT State U.	ne	ne	ne	ne	ne	ne	ne	20
884	Linfield C.	ne	ne	ne	ne	ne	ne	ne	19
885	Sage Colleges, system office	ne	ne	ne	ne	ne	ne	ne	19
886	Palmer C. of Chiropractic, Pt. Orange	ne	ne	ne	ne	ne	ne	ne	18
887	Bemidji State U.	ne	ne	ne	ne	ne	ne	ne	17
888	La Sierra U.	ne	ne	ne	ne	ne	ne	ne	17
889	WV School of Osteopathic Medicine	0	96	0	0	3	16	22	17
890	Southern AR U.	ne	ne	ne	ne	ne	ne	ne	14
891	Kansas City U. of Medicine and Biosciences	407	262	63	16	49	196	556	11
892	SUNY, C. of Agriculture and Technology, Morrisville	ne	ne	ne	ne	ne	ne	11	11
893	U. TN, Martin	167	31	59	60	38	52	0	10
894	IN U., New Albany	NA	NA	NA	NA	NA	NA	12	6
895	Marywood U.	ne	ne	ne	ne	ne	ne	ne	3
896	MT State U., Havre	ne	ne	ne	ne	ne	ne	ne	3
	All other surveyed institutions <sup>b</sup>	2,936,329	3,013,279	3,156,304	3,166,574	3,308,520	3,496,034	1,278	0

e = estimated; data were not provided by institution; prior-year data were used or current-year estimates were reported. i = imputed. na = not applicable; institution did not exist or did not exist as a separate entity. NA = not available; institution was not surveyed separately. ne = not eligible; institution did not meet the criteria for inclusion.

<sup>a</sup> Johns Hopkins University includes Applied Physics Laboratory, with \$1,102,048 thousand in federally financed R&D expenditures in FY 2011.

<sup>b</sup> The majority of expenditures included under all other surveyed institutions for FY 2009 and earlier years is accounted for by multi-campus institutions that reported a single amount prior to FY 2010.

NOTES: From FY 2004 through FY 2009, some institution totals for all R&D expenditures may be lower-bound estimates because National Science Foundation did not attempt to estimate for nonresponse on non-science and engineering R&D expenditures item. 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 A-3.

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