

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
	All institutions	65,073,411	40,764,823	3,819,470	12,444,705	3,162,464	3,840,381	1,041,568
1	Johns Hopkins U. ^a	2,145,308	1,884,025	7,821	78,396	59,048	103,867	12,151
2	U. MI, Ann Arbor	1,279,123	820,125	1,613	363,133	40,079	47,046	7,127
3	U. WA, Seattle	1,148,533	948,976	20,036	57,329	20,780	76,424	24,988
4	U. WI, Madison	1,111,642	593,633	102,632	220,150	27,968	125,092	42,167
5	Duke U.	1,022,207	585,262	31,519	120,291	215,366	69,263	506
6	U. CA, San Diego	1,009,378	636,879	41,921	98,765	67,139	111,998	52,676
7	U. CA, San Francisco	995,226	570,116	30,727	136,344	53,607	126,262	78,170
8	U. CA, Los Angeles	982,357	563,560	37,711	159,734	48,961	93,264	79,127
9	Stanford U.	907,971	656,114	39,148	71,906	58,014	80,569	2,220
10	U. Pittsburgh, Pittsburgh	899,386	662,471	8,040	196,309	11,927	20,639	0
11	U. PA	886,036	707,051	21,798	52,040	43,518	61,509	120
12	Columbia U. in the City of New York	878,900	645,233	12,481	98,734	35,999	65,412	21,041
13	U. MN, Twin Cities	847,419	489,480	60,125	189,855	31,360	61,493	15,106
14	OH State U.	832,126	493,130	100,880	94,524	103,564	26,048	13,980
15	PA State U., University Park and Hershey Medical Ctr.	794,846	468,705	56,019	161,355	64,650	40,378	3,739
16	Cornell U.	781,651	476,583	61,712	136,967	23,906	80,336	2,147
17	U. NC, Chapel Hill	767,450	561,708	6,477	122,010	26,331	50,924	0
18	U. FL	739,931	306,349	98,191	280,507	23,031	26,644	5,209
19	Washington U., St. Louis	725,039	469,490	19,436	103,051	41,953	49,000	42,109
20	MA Institute of Technology	723,610	489,080	216	16,840	110,006	73,453	34,015
21	U. CA, Berkeley	707,945	336,191	59,621	122,070	86,769	84,443	18,851
22	U. CA, Davis	707,896	362,976	60,252	146,170	36,712	66,175	35,611
23	TX A&M U., College Station	705,720	291,812	131,925	186,541	54,880	35,839	4,723
24	U. TX, M. D. Anderson Cancer Ctr.	663,279	236,400	198,926	70,220	59,582	98,151	0
25	Yale U.	656,967	519,844	5,040	61,873	11,876	46,694	11,640
26	GA Institute of Technology	655,375	427,867	10,916	157,968	42,190	12,728	3,706
27	Harvard U.	649,774	543,097	1,863	0	26,386	68,355	10,073
28	U. TX, Austin	632,171	355,437	41,088	129,114	68,479	31,031	7,022
29	Northwestern U.	618,980	399,719	5,438	143,836	14,878	55,109	NA
30	U. AZ	610,565	327,565	31,347	183,359	17,485	26,489	24,320
31	U. Southern CA	603,294	453,283	18,649	60,390	33,825	37,147	0
32	Purdue U., West Lafayette	578,231	259,948	59,571	190,428	28,656	37,717	1,911
33	Vanderbilt U.	566,031	458,173	744	73,174	9,529	20,923	3,488
34	Emory U.	547,316	369,982	367	103,136	25,695	46,356	1,780
35	U. IL, Urbana-Champaign	545,669	323,454	33,648	135,134	34,639	8,094	10,700
36	U. AL, Birmingham	503,698	344,164	774	113,529	21,714	23,517	0
37	U. MD, College Park	495,382	338,780	11,201	129,375	6,133	2,597	7,296
38	Baylor C. of Medicine	466,061	295,529	13,406	86,632	13,486	37,328	19,680
39	MI State U.	454,248	240,837	44,915	136,895	3,566	14,193	13,842
40	U. Chicago	453,562	372,288	334	34,506	14,756	29,593	2,085
41	VA Polytechnic Institute and State U.	450,058	189,198	108,768	107,683	22,777	19,019	2,613
42	U. Cincinnati	448,936	287,182	10,678	109,777	20,846	20,453	0
43	U. IA	443,893	283,627	6,911	120,916	13,461	18,584	394
44	Rutgers, State U. NJ, New Brunswick	432,306	239,908	59,210	85,581	15,193	19,965	12,449
45	U. TX, Southwestern Medical Ctr., Dallas	431,883	231,639	56,674	49,148	16,513	45,000	32,909
46	NY U.	430,752	302,221	4,058	66,569	8,611	26,764	22,529
47	Case Western Reserve U.	429,206	353,470	8,983	44,832	5,121	16,477	323
48	U. Rochester	429,034	337,907	6,984	48,257	19,147	11,220	5,519

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
49	U. CO, Denver and Anschutz Medical Campus	417,587	307,395	21,253	22,363	30,472	31,281	4,823
50	U. UT	414,316	264,234	1,055	119,007	12,894	15,828	1,298
51	U. MD, Baltimore	409,665	229,706	26,049	99,261	15,978	38,399	272
52	Scripps Research Institute	400,768	317,201	8,040	39,323	22,918	13,286	NA
53	U. South FL, Tampa	394,963	243,030	29,842	87,854	19,763	12,284	2,190
54	U. CO, Boulder	390,677	323,078	2,037	37,104	12,175	16,283	0
55	WA State U.	388,974	123,502	67,986	170,114	13,019	12,017	2,336
56	U. IL, Chicago	380,828	248,936	6,888	94,472	6,399	24,133	0
57	NC State U.	378,154	155,293	95,505	82,621	40,750	3,823	162
58	CA Institute of Technology	377,514	342,945	1,780	4,927	8,202	16,807	2,853
59	U. KY	372,932	179,161	48,363	120,883	13,993	10,532	0
60	Mt. Sinai School of Medicine	363,091	295,291	8,042	4,113	15,164	39,754	727
61	Boston U.	355,916	305,476	724	22,157	9,197	18,126	236
62	AZ State U.	355,215	185,766	22,590	103,637	9,891	31,085	2,246
63	SUNY, U. Buffalo	353,172	182,585	18,422	99,514	16,300	19,918	16,433
64	U. CA, Irvine	344,678	209,117	18,324	48,449	21,857	33,959	12,972
65	Brown U.	344,090	128,628	2,203	179,210	4,613	28,717	719
66	OR Health and Science U.	334,324	268,777	233	29,393	13,997	21,577	347
67	CO State U., Ft. Collins	330,784	236,566	19,601	48,240	8,094	11,827	6,456
68	U. Miami	323,486	225,352	8,521	44,119	23,110	22,384	0
69	IN U.-Purdue U., Indianapolis	322,617	156,607	1,908	100,219	19,361	44,425	97
70	U. HI, Manoa	318,316	201,700	19,477	57,262	23,272	8,686	7,919
71	U. KS	302,668	169,382	5,897	95,355	9,488	20,265	2,281
72	U. VA, Charlottesville	292,106	232,525	1,187	27,250	13,848	14,589	2,707
73	LA State U., Baton Rouge	287,841	97,517	72,484	93,953	15,682	7,048	1,157
74	Yeshiva U.	283,673	192,241	3,302	67,125	6,966	14,039	0
75	Rockefeller U.	272,491	97,710	1,676	153,200	4,214	15,691	0
76	IA State U.	267,641	117,522	40,899	80,125	20,650	7,082	1,363
77	Princeton U.	263,335	163,438	1,188	70,395	12,230	12,088	3,996
78	U. MA, Medical School	262,714	208,244	1,290	25,686	11,747	15,747	0
79	U. TX, Health Science Ctr., Houston	261,172	156,790	55,025	10,503	10,048	28,806	0
80	Wayne State U.	259,895	134,735	2,820	98,825	6,067	8,801	8,647
81	U. CT	253,792	144,280	8,572	79,011	7,360	14,322	247
82	SUNY, U. Albany, C. Nanoscale Science and Engineering	248,778	9,887	107,916	38,840	80,797	10,323	1,015
83	U. GA	245,166	137,328	30,136	50,047	4,627	19,251	3,777
84	Carnegie Mellon U.	242,882	200,967	1,986	14,235	17,698	4,135	3,861
85	U. NE, Lincoln	235,296	105,724	5,576	110,735	9,284	2,839	1,138
86	U. of Medicine and Dentistry of NJ	234,354	124,585	9,830	60,752	14,018	22,256	2,913
87	U. MO, Columbia	230,957	116,403	3,180	97,083	6,532	6,420	1,339
88	U. CA, Santa Barbara	230,435	136,244	6,072	37,723	16,085	28,506	5,805
89	FL State U.	230,411	140,850	11,443	71,211	1,518	5,389	0
90	OR State U.	228,814	146,882	39,181	23,480	5,554	1,866	11,851
91	MS State U.	226,070	98,998	71,309	43,120	12,146	457	40
92	U. NM	220,565	162,854	1,396	48,509	2,449	3,672	1,685
93	Medical C. WI	215,358	133,929	118	51,815	8,703	20,793	0
94	Medical U. SC	213,346	143,464	2,665	42,945	12,025	6,207	6,040
95	SUNY, Stony Brook U.	211,356	125,102	3,920	66,946	4,740	4,805	5,843
96	Dartmouth C.	210,631	131,583	7,163	42,452	12,565	11,607	5,261
97	Wake Forest U.	209,134	173,130	9,882	7,776	12,268	5,915	163

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98	VA Commonwealth U.	207,756	153,228	9,590	30,177	7,848	6,913	0
99	U. SC, Columbia	201,592	103,296	975	80,019	6,438	10,864	NA
100	Woods Hole Oceanographic Institution	198,775	165,819	468	10,523	2,780	NA	19,185
101	U. TX, Health Science Ctr., San Antonio	198,655	121,200	7,242	38,871	12,707	18,635	0
102	George Washington U.	197,621	116,611	4,213	42,411	3,220	31,136	30
103	U. Louisville	197,438	96,010	10,736	65,347	6,405	7,073	11,867
104	U. TX, Medical Branch	193,555	128,098	6,154	41,545	2,815	14,943	0
105	U. OK	189,506	95,505	16,545	50,168	11,575	6,378	9,335
106	IN U., Bloomington	184,096	74,143	2,630	75,470	5,584	26,269	0
107	U. MA, Amherst	181,297	107,683	3,166	57,156	6,048	6,476	768
108	Uniformed Services U. of the Health Sciences	175,365	117,781	0	52,495	0	0	5,089
109	U. AK, Fairbanks	175,246	105,522	8,742	51,271	5,032	2,656	2,023
110	UT State U.	174,167	113,871	28,448	22,864	4,226	141	4,617
111	Tulane U.	171,703	111,007	5,101	32,222	3,450	5,686	14,237
112	Georgetown U.	169,916	123,540	1,179	21,736	5,370	18,052	39
113	U. DE	169,746	118,673	6,539	35,383	5,821	1,774	1,556
114	KS State U.	169,167	76,953	38,822	39,285	3,490	1,943	8,674
115	U. TN, Knoxville	167,456	111,942	15,475	32,176	5,838	2,025	0
116	WV U.	166,420	88,419	10,955	61,358	4,004	1,606	78
117	Clemson U.	166,350	52,919	4,358	91,698	11,366	2,237	3,772
118	Auburn U., Auburn	163,335	59,559	31,402	64,095	4,019	750	3,510
119	OK State U., Stillwater	162,786	81,855	30,192	45,302	4,860	577	0
120	Tufts U.	156,395	122,208	550	12,248	9,889	9,810	1,690
121	U. CA, Santa Cruz	155,617	97,817	4,368	29,611	4,867	15,105	3,849
122	TX Tech U.	149,399	35,191	19,559	73,712	10,914	10,023	0
123	SUNY, U. Albany	148,625	125,189	3,879	9,829	544	1,725	7,459
124	U. NH	143,002	106,806	1,997	20,578	7,356	3,050	3,215
125	NM State U.	139,062	90,598	18,508	17,644	4,916	507	6,889
126	U. Notre Dame	134,410	79,716	529	39,090	2,685	12,390	0
127	ND State U.	134,064	53,451	43,721	31,206	577	1,070	4,039
128	U. NE, Medical Ctr.	133,036	86,295	2,179	34,519	5,280	4,763	NA
129	U. VT	132,356	101,471	172	24,354	1,860	4,499	0
130	U. CA, Riverside	132,238	62,312	8,918	37,378	7,090	8,565	7,975
131	U. MS and U. MS Medical Ctr.	132,164	84,317	364	34,991	3,398	3,195	5,899
132	Temple U.	126,478	89,074	3,577	21,336	4,703	7,661	127
133	MT State U., Bozeman	125,966	87,528	2,700	28,283	NA	NA	7,455
134	U. AR for Medical Sciences	122,066	75,924	2,624	31,058	2,342	0	10,118
135	U. AR, Fayetteville	120,007	37,587	47,622	24,206	7,987	1,862	743
136	Drexel U.	115,020	83,702	3,834	17,887	2,592	6,989	16
137	U. Houston	113,709	59,580	26,747	13,650	6,957	6,775	0
138	U. ME	111,600	59,800	18,325	28,949	4,460	66	0
139	Rice U.	110,235	78,730	2,653	14,006	5,241	9,605	0
140	FL International U.	110,006	65,446	8,526	26,035	5,310	4,605	84
141	U. Central FL	109,190	69,098	11,860	17,594	6,768	2,545	1,325
142	San Diego State U.	106,591	64,056	6,943	30,330	264	4,858	140
143	Thomas Jefferson U.	104,923	80,027	5,375	4,524	8,146	6,695	156
144	U. OR	103,019	84,997	701	10,323	1,959	5,039	NA
145	U. RI	102,630	78,303	5,823	14,858	2,484	1,162	0
146	Old Dominion U.	102,192	39,534	4,007	54,495	2,270	1,576	310
147	Naval Postgraduate School	101,363	94,278	227	5,612	847	0	399

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148	NJ Institute of Technology	100,491	54,250	5,118	32,260	7,734	594	535
149	U. ID	96,229	54,243	22,748	15,672	2,144	1,105	317
150	Cold Spring Harbor Lab.	95,984 i	55,450 i	481 i	9,417 i	3,685 i	26,951 i	0 i
151	U. TX, Dallas	93,230	33,216	18,689	24,504	2,001	14,820	0
152	GA State U.	92,725	28,210	10,352	47,792	716	5,655	0
153	U. MD, Baltimore County	91,657	61,172	3,083	24,966	632	1,804	0
154	U. Dayton	90,557	70,996	11,094	2,806	4,756	246	659
155	U. NV, Reno	89,740	57,220	2,711	26,302	2,041	1,303	163
156	George Mason U.	88,089	65,301	1,576	16,155	561	4,289	207
157	Northeastern U.	86,783	67,938	1,423	10,509	4,248	2,665	0
158	Rensselaer Polytechnic Institute	84,834	59,284	6,003	13,192	3,975	2,380	0
159	Syracuse U.	83,686	33,850	6,980	30,052	5,037	7,767	0
160	U. TN, Health Science Ctr.	81,220	51,842	3,586	13,161	7,431	5,200	0
161	Rush U.	79,212	57,978	0	6,542	10,298	4,394	0
162	U. AL, Huntsville	75,724	72,665	1,051	1,198	810	0	0
163	TX A&M Health Science Ctr.	74,957	33,405	8,200	23,001	1,135	4,394	4,822
164	Brandeis U.	74,889	48,235	591	11,594	3,046	10,812	611
165	U. ND	74,882	54,058	5,881	4,977	8,256	1,710	0
166	U. Toledo	74,149	44,881	5,047	18,499	3,383	1,533	806
167	U. TX, El Paso	74,069	35,399	15,547	13,684	1,085	8,354	0
168	U.S. Air Force Academy	73,607	62,118	66	9,465	246	296	1,416
169	GA Health Sciences U.	73,486	54,254	9	11,581	2,795	4,218	629
170	SUNY, U. Binghamton	72,539	21,244	1,809	45,053	3,514	211	708
171	U. TX, Arlington	72,483	30,659	12,058	22,571	4,355	2,840	0
172	Southern IL U., Carbondale	71,130	23,696	5,441	33,255	6,988	1,750	NA
173	MI Technological U.	70,089	32,724	595	31,182	5,042	221	325
174	U. LA, Lafayette	69,978	14,659	11,533	29,372	13,538	876	0
175	SD State U.	69,680	41,904	13,822	5,747	1,211	3,564	3,432
176	U. WI, Milwaukee	65,648	30,479	21,061	8,805	1,657	2,694	952
177	U. Akron	65,536	12,130	1,871	42,738	1,850	5,971	976
178	U. PR, Medical Sciences Campus	64,017	54,381	501	6,688	2,447	NA	0
179	U. CA, Office of the President	63,420	483	24,605	30,657	0	7,637	38
180	U. TN, Institute of Agriculture	62,786	15,512	3,055	37,843	4,616	1,760	0
181	FL Atlantic U.	62,024	15,579	1,587	39,324	335	3,348	1,851
182	CUNY, City C.	60,648	40,595	4,004	11,209	3,528	383	929
183	U. MT	60,159	38,565	2,007	16,613	890	NA	2,084
184	U. MA, Lowell	60,013	27,960	1,745	24,131	3,726	2,426	25
185	Portland State U.	58,975	41,580	3,392	6,663	950	6,224	166
186	C. of William and Mary and VA Institute of Marine Science	58,919	30,361	2,549	21,242	2,670	2,097	0
187	TX Tech U., Health Sciences Ctr.	58,774	14,790	33,208	5,572	1,642	3,562	0
188	U. TX, San Antonio	58,667	31,972	15,604	7,153	1,878	2,060	0
189	OH U.	57,643	23,051	2,271	26,650	4,770	876	25
190	U. WY	57,549	48,932	3,536	2,506	1,961	314	300
191	U. MA, Boston	57,040	26,958	2,417	22,350	188	4,933	194
192	LA State U., Health Sciences Ctr., New Orleans	57,007	45,581	1,756	3,784	1,264	1,548	3,074
193	Cleveland State U.	55,502	42,575	5,582	2,041	2,094	3,112	98
194	U. AL, Tuscaloosa	53,633	32,999	3,181	13,926	3,392	135	0
195	FL A&M U.	53,326	44,905	1,671	4,768	1,982	NA	NA
196	St. Louis U.	53,179	38,323	208	5,848	7,069	1,672	59

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197	Boston C.	52,253	31,953	768	10,178	1,968	7,386	0
198	Wichita State U.	50,194	12,972	5,301	7,879	23,766	276	0
199	U. MD, Ctr. for Environmental Science	50,007	18,007	5,280	22,447	0	NA	4,273
200	Jackson State U.	49,998	43,001	0	5,051	0	1,946	0
201	CO School of Mines	48,704	33,789	1,281	321	10,290	3,023	NA
202	Wright State U.	48,501	27,422	2,067	15,638	2,243	1,131	0
203	U. Memphis	48,321	20,348	4,350	20,742	1,257	1,092	532
204	American U.	46,611	9,208	35	28,861	20	7,514	973
205	U. Southern MS	46,591	40,984	1,433	820	2,602	537	215
206	U. North TX, Health Science Ctr.	45,943	26,132	5,486	10,162	2,306	1,606	251
207	IL Institute of Technology	44,463	34,858	1,881	5,121	2,501	102	0
208	NM Institute of Mining and Technology	43,857	37,316	582	4,470	1,403	0	86
209	U. HI, Hilo	42,983	37,703	2,858	0	90	2,332	0
210	Loyola U., Chicago	42,708	28,633	458	6,975	2,821	2,403	1,418
211	U. North TX, Denton	42,475	14,754	1,001	24,337	856	1,457	70
212	Howard U.	42,341	36,060	280	3,232	1,745	1,024	0
213	U. South AL	42,233	16,758	40	23,369	2,066	0	0
214	SUNY, Health Science Ctr. Brooklyn	41,993	33,964	177	4,700	1,542	1,405	205
215	Stevens Institute of Technology	41,622	32,570	978	6,826	861	387	0
216	MO U. of Science and Technology	41,581	27,961	160	9,641	3,230	300	289
217	San Jose State U.	40,149	26,389	8,014	3,791	692	1,229	34
218	SUNY, Upstate Medical U.	39,988	28,663	1,691	4,398	2,574	2,353	309
219	CUNY, Hunter C.	39,772	22,901	2,722	11,940	489	1,720	0
220	U. NV, Las Vegas	39,526	30,457	1,335	6,944	562	228	0
221	Loma Linda U.	39,409	32,187	893	3,633	1,563	1,089	44
222	Touro C.	39,406	32,107	1,353	NA	1,418	4,528	0
223	Brigham Young U., Provo	37,142	24,273	1,394	5,698	4,761	901	115
224	Eastern VA Medical School	36,569	25,319	412	136	2,525	8,177	0
225	Rutgers, State U. NJ, Newark	35,774	18,226	5,206	6,735	1,916	2,752	939
226	U. New Orleans	35,359	19,000	6,188	6,975	2,669	408	119
227	Desert Research Institute	35,331	28,489	2,265	2,570	384	1,623	0
228	NC Agricultural and Technical State U.	34,930	22,652	427	11,751	41	59	0
229	Rochester Institute of Technology	34,889	20,396	968	8,599	2,987	1,939	0
230	U. PR, Mayaguez	34,424	18,568	2,357	8,075	1,895	3,504	25
231	Morehouse School of Medicine	33,946	28,128	1,171	4,239	207	201	0
232	Southern IL U., Edwardsville	33,736	4,056	3,682	23,990	1,691	317	0
233	TX State U., San Marcos	33,487	10,319	4,562	14,799	566	3,241	0
234	U. MO, Kansas City	32,769	18,988	1,150	10,563	630	1,201	237
235	U. PR, Rio Piedras	32,582	24,887	32	7,460	47	24	132
236	Lehigh U.	32,086	22,390	3,766	2,793	2,253	758	126
237	SD School of Mines and Technology	32,070	28,105	2,308	1,257	159	175	66
238	AL A&M U.	32,063 i	23,988 i	1,550 i	4,828 i	319 i	174 i	1,204 i
239	Air Force Institute of Technology	31,879	20,196	75	11,488	4	116	0
240	Creighton U.	31,443	14,140	4,560	5,520	5,638	1,585	0
241	LA State U., Medical Ctr., Shreveport	31,021	15,316	296	8,154	2,121	5,134	0
242	Northern AZ U.	30,785	17,765	6,428	5,006	261	1,286	39
243	Meharry Medical C.	29,055	26,779	0	1,088	0	1,188	0
244	Mercer U.	29,039	17,904	361	3,327	6,662	138	647
245	U. SD	28,959	14,490	760	12,953	25	731	0
246	SUNY, C. of Environmental Science and Forestry	28,289 i	9,645 i	2,481 i	12,746 i	1,975 i	716 i	726 i

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
247	CA State U., Fullerton	28,186	16,159	3,934	6,279	212	1,427	175
248	East Carolina U.	28,114	19,675	1,344	2,709	2,364	2,022	0
249	LA Tech U.	27,583	11,952	2,143	13,203	249	36	0
250	U. NC, Charlotte	27,533	15,930	2,995	3,131	1,965	3,512	0
251	Kent State U.	27,455	15,085	3,205	7,546	499	378	742
252	NY Medical C.	27,316	21,013	80	236	3,313	1,922	752
253	Marshall U.	26,723	21,852	1,698	2,605	96	472	0
254	San Francisco State U.	26,198	17,337	3,077	3,888	68	1,828	0
255	U. NC, Greensboro	26,121	20,868	630	3,447	730	446	0
256	Miami U.	26,093	13,210	1,058	10,109	579	454	683
257	CA State U., Northridge	25,654	19,769	3,471	1,876	69	445	24
258	U. MA, Dartmouth	25,644	13,657	821	10,123	503	301	239
259	Catholic U. America	25,397	19,890	9	3,874	1,168	456	0
260	Western MI U.	25,051	18,736	232	2,631	1,529	1,144	779
261	Southern Methodist U.	24,453	18,502	121	4,202	1,187	441	0
262	Boise State U.	24,204	18,811	771	3,621	404	597	0
263	U. MN, Duluth	23,400	8,564	3,979	9,398	959	369	131
264	U. Tulsa	23,320	7,970	653	5,797	8,808	92	0
265	CUNY, Queens C.	23,219	15,573	908	6,217	300	166	55
266	U. NC, Wilmington	22,593	14,218	4,990	2,202	392	644	147
267	Charles R. Drew U. of Medicine and Science	22,150	20,679	0	1,471	0	0	0
268	Worcester Polytechnic Institute	22,137	15,714	226	4,507	1,429	261	0
269	U. of the VI	21,994	16,338	2,457	0	0	0	3,199
270	Northern IL U.	21,748	11,807	19	8,426	1,496	0	0
271	U. West FL	21,710	13,156	1,432	6,086	319	717	0
272	ID State U.	21,450	17,149	124	3,256	519	402	0
273	U. CA, Merced	21,328	10,140	3,631	6,446	149	569	393
274	Albany Medical C.	20,876	13,884	359	3,316	1,769	1,548	0
275	Marquette U.	19,876	11,291	154	4,191	739	3,501	0
276	DE State U.	19,019	12,822	334	5,735	89	39	0
277	Ball State U.	18,765	3,064	732	8,459	4,402	2,104	4
278	U. AK, Anchorage	18,620	9,858	2,454	5,646	166	476	20
279	U. MO, St. Louis	18,461	10,157	9	7,299	109	785	102
280	Teachers C., Columbia U.	18,406	8,526	42	NA	5,925	3,206	707
281	Fordham U.	18,350	3,925	346	13,349	0	0	730
282	Clarkson U.	17,951	9,531	1,380	3,719	3,321	0	0
283	IL State U.	17,833	4,586	490	11,814	364	579	0
284	TX A&M U., Corpus Christi	17,509	7,506	4,477	2,689	313	2,519	5
285	TX A&M U., Kingsville	17,114	6,280	3,940	3,179	584	3,131	0
286	FL Gulf Coast U.	17,051	10,328	1,842	339	2,144	2,398	0
287	U. Denver	17,004	14,042	384	1,238	564	740	36
288	U. Southern ME	16,938	7,752	5,157	2,598	14	1,417	0
289	Duquesne U.	16,814	5,991	922	7,223	350	2,314	14
290	CA Polytechnic State U., San Luis Obispo	16,532	8,658	2,758	2,138	1,352	1,606	20
291	CA State U., Sacramento	16,344	6,965	4,933	1,976	381	2,006	83
292	CA State U., Long Beach	16,319 i	13,811 i	1,232 i	15 i	951 i	310 i	0 i
293	Embry-Riddle Aeronautical U.	16,289	11,444	1,482	1,785	1,310	9	259
294	Oakland U.	15,868	9,178	11	5,508	578	593	0
295	Tuskegee U.	15,685	12,397	1,629	250	0	0	1,409

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
296	Prairie View A&M U.	15,243	11,058	2,989	1,059	73	64	0
297	Fayetteville State U.	14,618	10,029	519	3,407	0	663	0
298	FL Institute of Technology	14,523	7,637	365	NA	1,817	153	4,551
299	Rosalind Franklin U. of Medicine and Science	14,261	9,317	0	2,862	321	1,713	48
300	U.S. Military Academy	13,799	13,799	0	0	0	0	0
301	Northeast OH Medical U.	13,581	4,081	2,104	5,695	230	1,471	0
302	TN State U.	13,468	8,369	1,115	3,546	427	11	0
303	AR State U., Jonesboro	13,435	8,644	3,395	1,239	78	79	0
304	TN Technological U.	13,247	6,397	4,048	2,507	286	9	0
305	Polytechnic Institute of NY U.	13,222	7,831	1,960	813	2,618	NA	NA
306	Morgan State U.	12,803	9,884	1,210	NA	1,377	332	0
307	Hampton U.	12,414	12,292	0	122	0	0	0
308	Baylor U.	12,343	3,704	316	6,211	918	1,149	45
309	AL State U.	12,340	12,340	0	0	0	0	0
310	Nova Southeastern U.	12,322	6,904	1,041	2,819	849	643	66
311	U. AR, Little Rock	12,039	8,615	982	1,966	272	146	58
312	CUNY, Graduate Ctr.	11,974	3,462	1,316	3,173	0	3,126	897
313	Purdue U., Calumet	11,946	5,835	681	3,571	1,455	404	0
314	Eastern MI U.	11,643	7,916	723	2,166	350	488	0
315	CA State U., San Bernardino	11,591	9,953	1,108	145	154	184	47
316	Alcorn State U.	11,397	8,655	39	2,621	82	0	0
317	U.S. Naval Academy	10,543	10,243	0	191	100	7	2
318	Ponce School of Medicine	10,502	9,318	1,184	0	0	0	0
319	Elizabeth City State U.	10,455	10,402	53	0	0	0	0
320	Tarleton State U.	10,426	6,036	2,678	478	1,109	125	0
321	Wesleyan U.	10,367	5,525	356	3,365	46	1,075	0
322	East TN State U.	10,249	7,705	720	184	565	1,075	0
323	Villanova U.	10,044	6,817	605	1,136	745	611	130
324	Fairfield U.	9,892	2,780	64	6,096	141	0	811
325	Xavier U. LA	9,849	6,673	467	1,220	0	1,489	0
326	Wheeling Jesuit U.	9,825	7,869	232	0	6	1,044	674
327	Humboldt State U.	9,570	3,292	2,377	1,790	971	1,140	0
328	U. NE, Omaha	9,509	6,333	717	1,483	141	835	0
329	Western WA U.	9,498	4,661	714	3,662	106	355	0
330	NC Central U.	9,496	9,496	NA	NA	NA	NA	NA
331	U. AR, Pine Bluff	9,415	4,696	2,374	2,199	0	146	0
332	U. North FL	9,379	5,082	637	3,299	311	50	0
333	CUNY, Brooklyn C.	9,306	7,098	16	1,919	165	85	23
334	Dillard U.	9,256 i	7,796 i	1,460 i	0 i	0 i	0 i	0 i
335	U. TN, Chattanooga	9,251	2,932	833	3,651	203	1,632	0
336	Bowling Green State U.	8,999	6,164	1,802	977	24	22	10
337	IN U.-Purdue U., Ft. Wayne	8,864	2,443	1,108	4,626	75	612	0
338	CA State U., Los Angeles	8,823	8,426	90	13	0	294	0
339	U. TX, Pan American	8,672	5,339	2,013	535	349	436	0
340	Central MI U.	8,671	4,841	24	3,217	398	191	0
341	U. MD, Eastern Shore	8,664	8,587	52	0	0	18	7
342	CA State U., Fresno	8,597	3,795	2,738	1,581	125	358	0
343	VA State U.	8,562	6,035	188	2,276	0	63	0
344	Lincoln U., Jefferson City	8,518	7,084	1,434	0	0	0	0
345	Bryn Mawr C.	8,388	1,901	178	5,890	29	390	0
346	Western KY U.	8,344	6,210	523	1,109	104	398	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
347	C. Charleston	8,320	5,056	247	2,309	39	669	0
348	Clark Atlanta U.	8,245	7,040	0	1,036	124	45	0
349	West Chester U. PA	8,103	5,845	1,943	43	272	0	0
350	Morehouse C.	8,063 i	8,063 i	0 i	0 i	0 i	0 i	NA
351	RI C.	8,027	2,404	4,816	594	0	213	0
352	Seton Hall U.	7,701	2,681	2,156	NA	598	2,266	0
353	U. MI, Dearborn	7,554	4,305	389	1,810	880	170	0
354	SC State U.	7,533 i	6,858 i	250 i	NA	280 i	145 i	NA
355	U. Central del Caribe	7,515	6,613	149	734	0	19	0
356	U. TX, Brownsville	7,491	6,122	719	625	0	25	0
357	U. CO, Colorado Springs	7,425	5,805	460	835	270	55	0
358	James Madison U.	7,303	5,218	58	254	NA	NA	1,773
359	Wellesley C.	7,242	2,496	459	0	116	1,703	2,468
360	Southern U. and A&M C., Baton Rouge	7,215 i	6,410 i	NA	NA	0 i	0 i	805 i
361	CA State Polytechnic U., Pomona	7,198	2,978	1,190	2,447	512	71	0
362	Gallaudet U.	7,161	4,633	0	2,528	0	0	0
363	St. Edward's U.	7,160	6,899	92	132	10	17	10
364	Norfolk State U.	7,140	6,462	14	0	0	0	664
365	U. WI, Stevens Point	7,115 i	4,834 i	211 i	943 i	145 i	29 i	953 i
366	U. del Turabo	7,098	1,054	0	6,044	0	0	0
367	CA State U., Monterey Bay	6,959	4,713	1,495	538	0	213	0
368	Clark U.	6,861	3,801	0	1,261	254	1,545	0
369	MT Tech of U. MT	6,705	4,999	1,131	NA	575	0	NA
370	Claremont Graduate U.	6,589	5,215	0	915	50	409	0
371	Loyola Marymount U.	6,455	2,815	47	3,176	1	416	0
372	TX Southern U.	6,318	4,899	941	279	50	149	0
373	CUNY, John Jay C. of Criminal Justice	6,205	4,086	2	613	0	934	570
374	U. WI, Superior	6,187 i	5,638 i	0 i	124 i	194 i	27 i	204 i
375	Cheyney U. PA	6,157	4,060	1,851	0	147	99	0
376	Southern U. Agriculture Research and Extension Ctr.	6,143	4,049	2,060	34	0	0	0
377	CA State U., San Marcos	6,140 i	4,497 i	697 i	177 i	0 i	769 i	0 i
378	Alfred U.	6,084	2,004	2,339	1,113	628	0	0
379	Stephen F. Austin State U.	6,046	1,690	2,809	914	164	469	0
380	U. Baltimore	5,944	3,288	1,613	44	7	992	0
381	New School	5,868	2,042	134	1,421	103	2,168	0
382	West TX A&M U.	5,847	1,347	228	3,323	672	277	0
383	Sam Houston State U.	5,816	3,855	1,173	745	18	25	NA
384	DePaul U.	5,798	4,629	1	872	43	253	0
385	U. GU	5,626	5,391	72	0	124	39	0
386	TX Christian U.	5,595	3,924	367	141	1,163	NA	0
387	MO State U.	5,584	4,764	193	11	265	351	0
388	Claffin U.	5,439	5,103	6	237	93	0	0
389	Carleton C.	5,382	2,332	0	1,897	0	1,150	3
390	Claremont McKenna C.	5,316	1,083	0	3,877	0	356	0
391	Grand Valley State U.	5,305 i	1,235 i	383 i	2,181 i	214 i	915 i	377 i
392	Langston U.	5,206	3,778	1,428	0	0	0	0
393	Winthrop U.	5,089	3,440	36	1,552	21	40	0
394	Kettering U.	5,087	3,452	339	152	667	477	0
395	Rutgers, State U. NJ, Camden	5,079	1,555	1,436	1,274	0	765	49
396	Drew U.	5,077	3,695	0	752	0	630	0
397	Bucknell U.	5,043	2,747	210	1,453	122	450	61

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
398	Middle TN State U.	4,969	2,669	202	1,932	50	66	50
399	Palmer C. of Chiropractic, Davenport	4,861	3,344	0	1,503	0	14	0
400	Fisk U.	4,849	4,631	0	218	0	0	0
401	Lamar U.	4,762	4,036	329	NA	276	121	0
402	Youngstown State U.	4,732	3,304	945	365	118	0	0
403	U. of the Pacific	4,704	2,678	848	0	478	700	0
404	Allen U.	4,673 i	4,673 i	0 i	0 i	0 i	0 i	0 i
405	Macalester C.	4,653	1,517	13	2,843	0	280	0
406	Amherst C.	4,623	1,992	4	1,301	21	906	399
407	KY State U.	4,562	3,146	1,374	6	29	7	0
408	Smith C.	4,529	3,159	0	671	7	692	0
409	Williams C.	4,513	2,117	0	2,396	0	0	0
410	Milwaukee School of Engineering	4,472	1,181	0	546	2,398	347	0
411	U. DC	4,422	2,313	14	2,079	16	0	0
412	U. WI, La Crosse	4,373 i	2,332 i	756 i	247 i	641 i	3 i	394 i
413	U. Northern IA	4,248	2,294	877	918	83	76	0
414	CUNY, C. Staten Island	4,188	1,583	721	1,534	286	63	1
415	Hope C.	4,185	2,414	15	466	30	1,257	3
416	WV State U.	4,176	3,193	983	0	0	0	0
417	Southern CT State U.	4,083	1,199	1,948	303	153	480	NA
418	U. Richmond	4,064	1,831	10	1,028	0	1,195	0
419	Barnard C.	4,046	3,325	115	134	0	472	0
420	Midwestern U., Downers Grove	4,022	438	0	3,182	330	72	0
421	U. New England	4,016	3,242	11	0	170	593	0
422	U. South FL, St. Petersburg	3,978	2,058	37	1,784	0	90	9
423	GA Southern U.	3,912	1,530	27	1,855	139	361	0
424	Eastern WA U.	3,910	559	2,472	185	400	294	0
425	Harvey Mudd C.	3,861	2,594	0	894	27	346	0
426	Ft. Valley State U.	3,850	3,452	0	398	0	0	0
427	Appalachian State U.	3,835	2,586	233	319	362	318	17
428	Central State U.	3,821	3,528	150	0	143	0	0
429	Eastern KY U.	3,782	2,852	110	818	0	2	0
430	CUNY, Lehman C.	3,762	2,700	8	837	127	90	0
431	SUNY, C. of Optometry	3,738	3,336	0	274	61	67	0
432	Pace U.	3,732	952	13	2,453	45	269	0
433	Plymouth State U.	3,729	2,668	716	36	38	271	0
434	Murray State U.	3,718	2,471	59	1,080	33	75	0
435	Pomona C.	3,640	1,779	0	984	0	850	27
436	Montclair State U.	3,621	2,629	21	491	100	380	0
437	Azusa Pacific U.	3,620	970	190	1,950	60	450	0
438	Long Island U.	3,595 i	2,686 i	149 i	281 i	359 i	120 i	0 i
439	Towson U.	3,574	2,630	434	0	275	235	0
440	Chapman U.	3,547	1,576	699	464	36	772	0
441	U. of the Sciences Philadelphia	3,504	1,338	161	934	871	200	0
442	Albany C. of Pharmacy and Health Sciences	3,496	1,634	418	438	812	194	0
443	U. San Diego	3,483	1,184	316	1,232	4	592	155
444	PA State U., Harrisburg	3,460	1,302	1,650	207	73	228	0
445	Franklin and Marshall C.	3,439	1,397	197	1,162	108	575	0
446	St. Cloud State U.	3,404	622	441	1,062	671	608	0
447	Lawrence Technological U.	3,348	2,615	414	141	171	7	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
448	Nicholls State U.	3,321	1,571	328	703	337	71	311
449	Mt. Holyoke C.	3,317	2,010	0	531	0	776	0
450	Rowan U.	3,247	2,108	434	252	418	35	0
451	PA State U., Erie	3,183	1,029	994	986	54	120	0
452	Sul Ross State U.	3,183	1,672	484	570	29	428	0
453	CA State U., Bakersfield	3,162	727	1,401	716	43	275	0
454	U. NC, Asheville	3,157	1,770	320	463	88	516	0
455	National U.	3,134	650	2,205	211	NA	68	NA
456	TX A&M International U.	3,121	1,195	496	235	2	1,193	0
457	Calvin C.	3,113	560	4	2,183	223	143	0
458	Hamilton C.	3,109	1,406	1	282	1	1,373	46
459	St. Joseph's U.	3,073	1,087	716	251	0	1,019	0
460	Benedict C.	3,009	2,925	6	0	78	0	0
461	CA Maritime Academy	3,005	1,200	891	914	0	0	0
462	Swarthmore C.	2,994	1,029	0	1,036	0	929	0
463	TX Woman's U.	2,919	1,173	626	529	16	575	0
464	Bowdoin C.	2,877	1,942	15	515	40	365	0
465	Central WA U.	2,858	2,242	247	101	124	144	0
466	U. WA, Bothell	2,857	911	148	570	141	1,067	20
467	St. Francis U.	2,823	2,823	0	0	0	0	0
468	U. Central AR	2,821	1,732	585	460	8	18	18
469	OK State U. Ctr. for Health Sciences	2,815	377	79	1,403	952	4	0
470	U. LA, Monroe	2,812	1,971	116	367	114	220	24
471	CA State U., Dominguez Hills	2,780	2,671	82	0	19	8	0
472	Lewis and Clark C.	2,778	684	0	1,028	0	1,066	0
473	U. TX, Tyler	2,766	1,277	1,085	273	125	6	0
474	Haverford C.	2,765	1,851	2	780	0	132	0
475	Tougaloo C.	2,753	2,753	0	0	0	0	0
476	U. West GA	2,711	1,259	705	42	660	45	0
477	Savannah State U.	2,700	2,518	150	0	0	32	0
478	CA State U., Chico	2,684	1,317	786	331	173	77	0
479	SUNY, C. Geneseo	2,677	1,306	9	1,283	45	34	0
480	U. San Francisco	2,668	371	121	1,796	0	380	0
481	MN State U., Mankato	2,654	852	94	584	1	23	1,100
482	CUNY, Baruch C.	2,645	1,150	107	792	209	323	64
483	Roger Williams U.	2,627	2,132	19	404	19	53	0
484	SUNY, Buffalo State C.	2,539	1,965	52	228	53	241	0
485	Northwest Indian C.	2,483 i	1,980 i	59 i	381 i	0 i	62 i	1 i
486	Hofstra U.	2,472	2,182	65	107	0	118	0
487	Edward Via C. of Osteopathic Medicine	2,453	707	0	1,465	0	281	0
488	Lafayette C.	2,426	1,564	48	679	55	80	0
489	U. Hartford	2,419	1,576	30	627	93	93	0
490	Middlebury C.	2,408	2,289	0	0	0	119	0
491	Santa Clara U.	2,407	2,019	55	NA	97	236	0
492	Philadelphia C. of Osteopathic Medicine	2,401	850	30	1,132	0	389	0
493	Northern KY U.	2,397	1,595	82	605	41	74	0
494	U. Metropolitana	2,387	2,013	0	374	0	0	0
495	U. WI, Oshkosh	2,384	1,154	243	415	64	285	223
496	Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr.	2,342	106	0	2,069	0	167	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
497	Keck Graduate Institute	2,313	1,744	0	NA	186	383	0
498	Colgate U.	2,291	1,058	26	1,017	33	157	0
499	Keene State C.	2,290	1,884	0	208	0	198	0
500	Spelman C.	2,273	1,833	0	174	266	0	0
501	TX A&M U., Commerce	2,242	1,557	370	0	0	315	NA
502	Mills C.	2,237	753	0	62	0	1,422	0
503	U. NE, Kearney	2,199	1,018	71	1,021	1	88	0
504	Shaw U.	2,193	2,193	0	0	0	0	0
505	Furman U.	2,184	1,111	11	538	3	427	94
506	Austin Peay State U.	2,180	729	1,157	281	13	0	0
507	CUNY, York C.	2,180	1,507	0	466	145	62	0
508	Coastal Carolina U.	2,162	1,487	454	83	62	76	0
509	Grambling State U.	2,135	2,085	0	50	0	0	0
510	Bastyr U.	2,121	1,988	0	24	109	0	0
511	Skidmore C.	2,113	1,562	0	432	29	90	0
512	Wabash C.	2,098	271	0	55	0	1,772	0
513	Wiley C.	2,098	1,574	509	0	0	15	0
514	U. Northern CO	2,078	1,681	27	313	0	57	0
515	CUNY, Medgar Evers C.	2,065	1,315	20	642	16	72	0
516	NY Institute of Technology	2,059	494	366	796	403	0	0
517	Dickinson C.	2,050	821	38	481	0	710	0
518	Morehead State U.	2,018	1,656	24	214	0	5	119
519	Chicago State U.	2,014	2,014	0	0	0	0	0
520	U. New Haven	2,009	1,592	122	176	21	98	0
521	U. IL, Springfield	2,002	455	233	774	6	31	503
522	Western OR U.	1,986	1,532	185	222	0	47	0
523	IN State U.	1,980	1,352	28	70	511	10	9
524	Davidson C.	1,977	1,053	44	496	15	356	13
525	U. PR, Humacao	1,976	1,976	0	0	0	0	0
526	Kennesaw State U.	1,961	1,054	6	260	41	600	0
527	Monmouth U.	1,956	1,873	4	13	37	29	0
528	Southeastern LA U.	1,952	911	502	383	11	145	0
529	Willamette U.	1,940	650	80	997	0	213	0
530	East Central U.	1,937	1,518	83	336	0	0	0
531	St. Bonaventure U.	1,936	974	21	253	8	0	680
532	Trinity C., Hartford	1,934	1,217	7	237	30	443	0
533	A. T. Still U. of Health Sciences	1,925	244	0	1,454	24	203	0
534	Pepperdine U.	1,924	299	9	898	10	708	0
535	Bowie State U.	1,910	1,910	0	0	0	0	0
536	Bradley U.	1,910	554	0	525	831	0	0
537	Bates C.	1,897	1,485	0	296	0	116	0
538	Arcadia U.	1,888	1,621	140	NA	0	127	0
539	West Liberty U.	1,869	413	721	385	50	300	0
540	Salisbury U.	1,852	586	5	1,219	0	42	0
541	Reed C.	1,839	772	0	682	0	385	0
542	Vassar C.	1,838	1,838	0	0	0	0	0
543	Gonzaga U.	1,819	1,152	0	66	3	598	0
544	LA State U., Shreveport	1,816	801	67	700	71	177	0
545	Occidental C.	1,809	904	120	NA	271	514	0
546	Columbus State U.	1,808	1,792	0	0	15	1	0
547	CT C.	1,801	1,005	3	787	0	6	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
548	St. John's U., New York City	1,786	1,263	0	37	467	19	0
549	Touro U., Vallejo	1,779	1,558	2	60	34	125	0
550	Colby C.	1,772	1,028	2	489	0	0	253
551	Western U. of Health Sciences	1,768	914	492	119	132	111	0
552	Barnes-Jewish C. Goldfarb School of Nursing	1,767	950	400	417	0	0	0
553	New England C. of Optometry	1,751	1,236	0	312	170	26	7
554	Northwestern Health Sciences U.	1,747	1,378	0	369	0	0	0
555	U. Houston, Clear Lake	1,746	818	626	235	8	59	0
556	Indiana U. PA	1,736	833	353	550	0	0	0
557	Siena C.	1,714	1,687	0	14	0	13	0
558	Oberlin C.	1,710	1,183	0	275	44	208	0
559	Pittsburg State U.	1,687	1,280	6	0	258	143	0
560	Rider U.	1,672	350	0	1,296	1	25	0
561	Christopher Newport U.	1,669	1,587	0	0	32	50	0
562	Niagara U.	1,656	166	525	652	0	313	0
563	CA State U., East Bay	1,644	921	629	0	0	94	0
564	Black Hills State U.	1,643	1,172	52	405	14	0	0
565	Seattle Pacific U.	1,633	1,155	37	230	172	15	24
566	Suffolk U.	1,624	299	0	1,123	2	200	0
567	Daemen C.	1,615 i	421 i	750 i	77 i	133 i	233 i	1 i
568	Union C., Schenectady	1,615	959	17	465	1	173	0
569	Norwich U.	1,583	1,064	0	494	0	25	0
570	Augustana C., Sioux Falls	1,578	1,169	0	340	57	12	0
571	Hobart and William Smith Colleges	1,566	1,379	31	0	17	139	0
572	McNeese State U.	1,561	495	192	845	18	11	0
573	Philadelphia U.	1,561	1,342	219	0	0	0	0
574	U. Central OK	1,548	1,146	123	80	21	178	0
575	Hampshire C.	1,530	1,028	0	501	0	1	0
576	Western IL U.	1,528	746	577	88	63	0	54
577	Elon U.	1,523	40	0	1,482	1	0	0
578	NM Highlands U.	1,498	989	51	0	458	0	0
579	Kean U.	1,497	550	0	947	0	0	0
580	Salus U.	1,493	1,152	325	0	4	12	0
581	CA State U., Stanislaus	1,487	1,037	362	NA	0	88	0
582	U. PR, Cayey	1,474	1,278	0	196	0	0	0
583	U. Detroit Mercy	1,462	856	30	317	203	56	0
584	La Salle U.	1,460	277	0	1,043	131	9	0
585	Richard Stockton C. NJ	1,455	405	636	340	65	9	0
586	William Paterson U.	1,452	140	122	1,158	20	12	0
587	Central CT State U.	1,451	684	12	703	0	52	0
588	Stetson U.	1,451	1,135	0	313	0	3	0
589	Western Carolina U.	1,451	721	147	229	24	330	0
590	Columbia C., Chicago	1,441	1,441	0	0	0	0	0
591	HI Pacific U.	1,436	1,261	0	174	0	1	0
592	Purdue U., North Central	1,436	646	65	683	0	42	0
593	U. Redlands	1,432	1,036	64	58	0	274	0
594	Albany State U.	1,416	893	54	0	469	0	0
595	U. WI, Eau Claire	1,406	829	253	40	97	142	45
596	Valparaiso U.	1,390	892	129	263	5	101	0
597	U. of Mary Washington	1,374	660	34	110	NA	570	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
598	U. WA, Tacoma	1,359	406	347	470	7	13	116
599	U. del Este	1,358	1,179	0	179	0	0	0
600	Trinity U.	1,355	1,046	17	31	4	231	26
601	U. Houston, Downtown	1,351	1,186	0	71	1	93	0
602	Barry U.	1,350	1,331	0	0	0	19	0
603	Grinnell C.	1,340	287	0	749	2	302	0
604	Lincoln U. of the Commonwealth of PA	1,336	1,336	0	0	0	0	0
605	Southern OR U.	1,330	885	243	13	65	124	0
606	U. St. Thomas (MN)	1,316	933	179	108	80	16	0
607	Weber State U.	1,314	550	146	177	427	14	0
608	U. WI, Green Bay	1,288 i	848 i	71 i	134 i	178 i	16 i	41 i
609	Seattle U.	1,274	622	1	353	0	298	0
610	U. AK, Southeast	1,274	941	9	270	0	54	0
611	Rose-Hulman Institute of Technology	1,268	839	0	102	16	311	0
612	SUNY, C. Old Westbury	1,267 i	696 i	0 i	329 i	226 i	16 i	0 i
613	U. Portland	1,257	307	162	49	31	708	0
614	Saginaw Valley State U.	1,249	525	2	533	121	0	68
615	SUNY, C. Brockport	1,248	677	128	363	12	60	8
616	U. TN, Martin	1,232	10	3	1,188	10	21	0
617	U. TX, Permian Basin	1,232	761	0	124	0	0	347
618	C. Wooster	1,225	512	8	348	0	241	116
619	Erikson Institute	1,212	355	610	0	0	247	0
620	Mercyhurst C.	1,206	389	475	318	6	18	0
621	Angelo State U.	1,201	318	715	88	0	80	0
622	CO C.	1,198	458	4	656	1	79	0
623	Northwestern State U. LA	1,189	683	215	222	0	0	69
624	Wheaton C., Wheaton	1,187	585	0	388	8	206	0
625	Augsburg C.	1,179	905	0	274	0	0	0
626	Winston-Salem State U.	1,179	1,179	0	0	0	0	0
627	Salish Kootenai C.	1,153	748	0	0	0	405	0
628	U. HI, West O'ahu	1,152 i	1,022 i	64 i	66 i	0 i	0 i	0 i
629	SUNY, Farmingdale State C.	1,144	584	0	560	0	0	0
630	Whitman C.	1,142	957	0	0	0	185	0
631	Haskell Indian Nations U.	1,135	1,032	0	0	0	103	0
632	St. Olaf C.	1,130	843	44	159	0	84	0
633	Pacific U.	1,129	242	6	60	671	150	0
634	Alliant International U.	1,111	47	797	265	0	0	2
635	Western New England C.	1,111	931	78	0	102	0	0
636	Governors State U.	1,099	797	0	167	0	135	0
637	IN U., South Bend	1,099	494	0	466	5	134	0
638	SUNY, C. Plattsburgh	1,098	726	45	234	0	93	0
639	Shippensburg U. PA	1,049	34	984	0	0	31	0
640	New C. FL	1,046	626	0	111	291	18	0
641	Evergreen State C.	1,025	1,004	17	0	4	0	0
642	Ithaca C.	1,025	627	39	255	0	104	0
643	Doane C.	1,022	1,008	0	14	0	0	0
644	Scripps C.	1,018	503	0	389	41	85	0
645	Sewanee: U. of the South	1,017	491	0	333	0	193	0
646	Franklin W. Olin C. of Engineering	1,016	666	0	216	90	44	0
647	Dakota State U.	1,015	402	548	NA	61	4	0
648	IL Wesleyan U.	1,014	156	10	389	363	6	90

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
649	U. NC, Pembroke	998	621	174	0	0	203	0
650	MN State U., Moorhead	982	514	120	0	0	348	0
651	SUNY, C. Oswego	977	871	21	10	47	28	0
652	Hendrix C.	970	847	22	87	0	14	0
653	SUNY, C. Cortland	968	398	29	230	11	285	15
654	Drake U.	966	382	141	341	7	95	NA
655	Dine C.	959 i	959 i	0 i	0 i	0 i	0 i	0 i
656	C. of the Holy Cross	957	752	0	0	0	201	4
657	Dominican U. CA	948	931	0	17	0	0	0
658	Agnes Scott C.	938	478	0	460	0	0	0
659	SUNY, C. of Agriculture and Technology, Cobleskill	938	909	24	0	5	0	0
660	Washington and Jefferson C.	932	932	0	0	0	0	0
661	Des Moines U.	924	91	0	740	32	3	58
662	Southern Polytechnic State U.	924	891	0	0	32	1	0
663	U. South FL, Sarasota-Manatee	914	191	0	632	0	90	1
664	Heidelberg U.	913 i	544 i	41 i	0 i	43 i	285 i	0 i
665	U. MN, Morris	899	414	27	321	110	8	19
666	St. John's U., Colledgeville	891	0	0	891	0	0	0
667	U. SC, Beaufort	882	675	12	169	7	19	0
668	PA State U., Beaver	875	868	0	0	0	7	0
669	C. of St. Benedict	867	0	0	867	0	0	0
670	U. Western States	858	757	0	101	0	0	0
671	Andrews U.	854	77	25	588	0	164	0
672	Fuller Theological Seminary	842	0	0	242	0	530	70
673	Northern MI U.	841	237	0	589	13	0	2
674	Roseman U. of Health Sciences	840	0	0	788	52	0	0
675	MS Valley State U.	830	772	0	58	0	0	0
676	Sinte Gleska U.	826	613	0	203	0	10	0
677	Sonoma State U.	825	559	128	128	0	10	0
678	U. South FL, Polytechnic	824	131	51	567	75	0	0
679	SUNY, Institute of Technology, Utica/Rome	811	785	0	26	0	0	0
680	Mesa State C.	802	585	0	94	20	103	0
681	Albion C.	799	113	0	606	0	80	0
682	LeTourneau U.	796	260	0	145	83	308	0
683	National C. of Natural Medicine	791	247	0	449	95	0	0
684	Southern CA C. of Optometry	789	79	0	0	205	0	505
685	Rhodes C.	788	378	372	0	7	31	0
686	Loyola U., MD	787	603	38	0	0	146	0
687	Radford U.	784	386	64	269	37	28	0
688	U. WI, Whitewater	782 i	457 i	161 i	88 i	18 i	1 i	57 i
689	Loyola U., New Orleans	779	293	167	183	12	124	0
690	PA State U., Altoona	773	535	69	158	1	10	0
691	U. MI, Flint	767	322	0	400	0	23	22
692	Wilberforce U.	763 i	729 i	0 i	0 i	0 i	34 i	0 i
693	Providence C.	758	726	0	20	6	6	0
694	Lake Superior State U.	752	133	24	146	418	24	7
695	U. SC, Aiken	750	592	112	26	20	0	0
696	Auburn U., Montgomery	749	445	13	291	0	0	0
697	Toyota Technological Institute Chicago	746	496	0	163	87	0	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
698	John Carroll U.	743	635	22	0	86	0	0
699	CA Lutheran U.	741	171	0	75	0	495	0
700	Alverno C.	740	0	0	740	0	0	0
701	St. Michael's C.	734	471	0	203	0	60	0
702	La Sierra U.	732	17	0	715	0	0	0
703	OH Wesleyan U.	719	611	0	108	0	0	0
704	Eastern IL U.	716	346	99	147	48	76	0
705	U. WI, Platteville	715 i	50 i	495 i	121 i	12 i	13 i	24 i
706	Truman State U.	710	476	13	199	7	15	0
707	Sojourner-Douglass C.	709	709	0	0	0	0	0
708	Armstrong Atlantic State U.	708	708	0	0	0	0	0
709	Allegheny C.	707	267	11	228	0	201	0
710	Southern U. and A&M C., New Orleans	706	650	16	40	0	0	0
711	Babson C.	696	187	0	306	44	87	72
712	Frostburg State U.	686	543	127	9	5	2	0
713	Gettysburg C.	669	266	0	193	15	195	0
714	Capitol C.	667	667	0	0	0	0	0
715	U. of the Incarnate Word	667	217	5	139	0	279	27
716	Millersville U. PA	665	457	28	119	60	1	0
717	Muhlenberg C.	661	325	0	229	35	72	0
718	Augustana C., Rock Island	659	304	6	336	12	1	0
719	MT State U., Billings	656	388	92	80	96	0	0
720	Northeastern State U.	644	450	50	42	102	0	0
721	Manhattan C.	638	245	145	117	48	83	0
722	Mt. St. Mary's C.	626	626	0	0	0	0	0
723	Jacksonville State U.	624	265	29	194	136	0	0
724	Simmons C.	621	373	0	8	0	208	32
725	Susquehanna U.	613	463	2	85	0	0	63
726	Butler U.	610	189	15	132	0	274	0
727	MGH Institute of Health Professions	607	408	0	20	0	179	0
728	Ft. Lewis C.	606	511	2	13	0	80	0
729	Ursinus C.	594	462	118	0	2	12	0
730	Sitting Bull C.	593	593	0	0	0	0	0
731	U. MN, Rochester	591	30	55	483	0	23	0
732	Minot State U.	590	559	0	31	0	0	0
733	U. North AL	578 i	529 i	0 i	49 i	0 i	0 i	0 i
734	Claremont School of Theology	574	0	0	51	10	513	0
735	Lake Forest C.	573	190	0	344	11	28	0
736	Palo Alto U.	573	313	182	NA	65	13	NA
737	SUNY, Purchase C.	569	101	127	196	4	141	0
738	St. Mary's U., San Antonio	564	36	0	528	0	0	0
739	Wilkes U.	563	361	30	111	46	15	0
740	RI School of Design	551	322	0	119	105	5	0
741	U. CA, Hastings C. of Law	539 i	0 i	0 i	324 i	63 i	147 i	5 i
742	Southwestern OK State U.	538	473	26	39	0	0	0
743	Northeastern IL U.	533	311	0	208	0	14	0
744	Benedictine U.	530	65	0	404	61	0	0
745	U. Puget Sound	530	295	0	177	19	20	19
746	WV School of Osteopathic Medicine	528	17	0	511	0	0	0
747	Ashland U.	526 i	518 i	0 i	0 i	0 i	8 i	0 i
748	Emporia State U.	525	304	12	120	0	0	89

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
749	CA State U., Channel Islands	524	451	5	64	4	0	0
750	Bridgewater State C.	521	254	0	257	0	10	0
751	Philander Smith C.	519	510	0	0	0	9	0
752	AK Pacific U.	518	349	43	0	126	0	0
753	Valdosta State U.	512	202	79	99	79	53	NA
754	Kalamazoo C.	492	232	0	179	0	81	0
755	U.S. Coast Guard Academy	490	487	0	3	0	0	0
756	Edinboro U. PA	489	377	33	79	0	0	0
757	Abilene Christian U.	487	427	0	20	0	40	0
758	C. NJ	486	254	50	14	0	168	0
759	Elizabethtown C.	485	369	116	NA	0	0	NA
760	National U. of Health Sciences	485	218	0	246	18	3	0
761	St. Catherine U.	484	265	0	61	0	158	0
762	Northwest Nazarene U.	481	401	0	29	0	51	0
763	Centre C.	478	142	3	222	0	111	0
764	C. of Menominee Nation	477 i	468 i	0 i	0 i	0 i	9 i	0 i
765	Southwestern U.	477	246	0	107	15	109	0
766	Pacific Lutheran U.	471	185	0	129	0	157	0
767	Earlham C.	468	45	0	379	0	44	0
768	Marine Corps U.	468	468	0	0	0	0	0
769	Juniata C.	467	162	0	76	0	229	0
770	MD Institute C. of Art	465	70	160	105	30	100	0
771	U. WI, River Falls	463 i	145 i	80 i	179 i	19 i	19 i	21 i
772	Southeastern OK State U.	462	405	54	3	0	0	0
773	OH Northern U.	458	181	63	187	0	27	0
774	U. WI, Parkside	457	160	80	67	86	0	64
775	Art Ctr. C. of Design	456	110	0	0	16	330	0
776	IN U., New Albany	456	6	0	420	0	30	0
777	Washington and Lee U.	455	138	0	0	248	69	0
778	Mayville State U.	454	404	0	50	0	0	0
779	Roanoke C.	451	34	0	417	0	0	0
780	Paine C.	448	416	0	0	0	32	0
781	SUNY, C. Potsdam	447	393	13	24	7	10	0
782	Ramapo C. NJ	445	281	20	120	0	24	0
783	Gannon U.	444	0	135	295	14	0	0
784	U. SC, Spartanburg	439	224	7	199	1	8	0
785	Adelphi U.	438	369	0	69	0	0	0
786	DePauw U.	438	201	0	226	0	11	0
787	Kenyon C.	433	358	0	59	0	16	0
788	Olivet U.	427	0	0	427	0	0	0
789	St. Mary's C. MD	427	327	0	55	0	45	0
790	Winona State U.	426	133	170	29	88	6	0
791	Luther C.	425	109	74	137	3	102	0
792	Bloomsburg U. PA	419	223	25	171	0	0	0
793	Citadel Military C. SC	415	157	10	0	26	222	0
794	U. WI, Stout	412 i	161 i	52 i	181 i	5 i	0 i	13 i
795	AR Tech U.	410	149	38	219	4	0	0
796	ME Maritime Academy	404 i	304 i	10 i	0 i	90 i	0 i	0 i
797	NY Chiropractic C.	404	30	0	374	0	0	0
798	Cooper Union for the Advancement of Science and Art	402	326	0	0	32	44	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
799	Millsaps C.	400	336	0	59	5	0	0
800	Vanguard U.	394	350	0	44	0	0	0
801	Southern C. of Optometry	392	0	0	323	69	0	0
802	Rollins C.	377	52	0	245	57	23	0
803	VA Military Institute	374	133	34	186	20	1	0
804	Messiah C.	365	169	0	54	0	16	126
805	CO State U., Pueblo	364	354	0	0	0	10	0
806	Baldwin-Wallace C.	360	50	1	0	235	37	37
807	Polytechnic U. PR	360	193	0	120	47	0	0
808	Eastern NM U., Portales	357	313	0	44	0	0	0
809	Eckerd C.	357	223	2	4	119	4	5
810	CUNY, New York City C. of Technology	343	145	0	191	7	0	0
811	SUNY, C. Fredonia	343	281	11	51	0	0	0
812	Sweet Briar C.	339	180	10	124	0	25	0
813	U. VA's C. Wise	336	38	180	118	0	0	0
814	Taylor U.	334	199	41	44	50	0	0
815	Dominican U.	333	333	0	0	0	0	0
816	Widener U., Chester	332	194	32	0	81	25	0
817	Concordia C.	330	63	0	198	0	69	0
818	Gustavus Adolphus C.	330	109	0	102	0	119	0
819	Salve Regina U.	322	322	0	0	0	0	0
820	MT State U., Havre	319	3	280	0	0	36	0
821	St. Joseph's C. ME	318 i	313 i	0 i	0 i	0 i	5 i	0 i
822	Bryant U.	316	143	0	143	0	30	0
823	Coe C.	310	166	15	95	12	22	0
824	U. MT, Western	309	204	0	105	0	0	0
825	Marist C.	306	70	53	72	34	5	72
826	Shepherd U.	303	166	0	137	0	0	0
827	IN U., Gary	297	0	27	241	0	29	0
828	Oglala Lakota C.	296	246	25	25	0	0	0
829	Mercy C.	293	255	0	32	0	6	0
830	Dickinson State U.	289	287	NA	2	NA	NA	NA
831	Bryn Athyn C.	287	0	0	256	0	31	0
832	Harding U.	284	265	0	0	19	0	0
833	U. Bridgeport	284	159	0	100	16	9	0
834	Hamline U.	283	145	12	55	0	51	20
835	Slippery Rock U. PA	282	77	0	204	0	1	0
836	U. Southern IN	279	25	117	132	0	5	0
837	Jacksonville U.	276	0	153	15	0	108	0
838	PA State U., Great Valley School of Graduate Professional Studies	275	143	0	89	43	0	0
839	Francis Marion U.	274	267	0	0	0	7	0
840	Edison State C.	269 i	269 i	0 i	0 i	0 i	0 i	0 i
841	Washburn U.	269	223	0	46	0	0	0
842	Pitzer C.	268	30	0	181	0	0	57
843	New England School of Acupuncture	266	256	0	0	0	10	0
844	Eastern OR U.	265	147	17	61	1	39	0
845	Kutztown U. PA	263	137	62	38	0	26	0
846	Southern AR U.	259	14	8	237	0	0	0
847	OR Institute of Technology	258	193	0	49	7	9	0
848	SUNY, C. Oneonta	254	75	66	82	3	28	0
849	NE Wesleyan U.	251	219	0	32	0	0	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
850	East Stroudsburg U. PA	250	250	0	0	0	0	0
851	WV Wesleyan C.	250	173	31	46	0	0	0
852	Coker C.	245	171	0	39	0	35	0
853	Marywood U.	243	3	0	90	0	150	NA
854	Wittenberg U.	243	148	20	75	0	0	0
855	Carthage C.	242	22	0	26	43	111	40
856	Christian Brothers U.	242 i	235 i	1 i	2 i	1 i	1 i	2 i
857	Lawrence U.	241	200	0	0	0	41	0
858	Southern UT U.	241	190	25	26	0	0	0
859	CA U. PA	240	106	29	51	54	0	0
860	Kansas City U. of Medicine and Biosciences	239	11	0	63	125	40	0
861	U. Pittsburgh, Bradford	239	224	15	0	0	0	0
862	Wheaton C., Norton	239	239	0	0	0	0	0
863	U. Sioux Falls	238	238	0	0	0	0	0
864	SUNY, C. of Agriculture and Technology, Morrisville	233	11	184	38	0	0	0
865	Future Generations Graduate School	227	0	0	0	0	227	0
866	Ouachita Baptist U.	224	222	2	0	0	0	0
867	Unity C.	224	188	0	36	0	0	0
868	SUNY, Fashion Institute of Technology	223	150	0	0	73	0	0
869	Johnson State C.	222	222	0	0	0	0	0
870	Bemidji State U.	221	17	112	0	31	61	0
871	U. Scranton	221	64	0	140	17	0	0
872	Regis U.	218	209	4	0	0	5	0
873	Sage Colleges, system office	218	19	0	50	0	149	0
874	Austin C.	217	33	0	34	0	150	0
875	Concord U.	216	23	181	0	0	12	0
876	Eastern CT State U.	216	20	0	124	19	42	11
877	Eastern Mennonite U.	214	210	4	0	0	0	0
878	Berea C.	212	182	0	0	0	30	0
879	Iona C.	212	212	0	0	0	0	0
880	LeMoyne-Owen C.	209	171	38	0	0	0	0
881	Northwest MO State U.	209	188	2	19	0	0	0
882	North Central C.	208	35	0	173	0	0	0
883	Jarvis Christian C.	206	169	0	0	0	37	0
884	Canisius C.	205	181	7	0	16	1	0
885	U. Central MO	205	128	13	26	0	16	22
886	Alderson-Broadus C.	200 i	194 i	2 i	1 i	1 i	1 i	1 i
887	Bellarmino U.	200	200	0	0	0	0	0
888	Lycoming C.	195	91	23	4	7	70	0
889	Palmer C. of Chiropractic, Pt. Orange	195	18	0	177	0	0	0
890	Union Graduate C.	191	191	0	0	0	0	0
891	Colby-Sawyer C.	187	187	0	0	0	0	0
892	Southeast MO State U.	187	21	71	21	74	0	0
893	Chicago School of Professional Psychology	186	20	14	91	0	61	0
894	Valley City State U.	185 i	128 i	57 i	0 i	0 i	0 i	0 i
895	Bard C.	183	183	0	0	0	0	0
896	Dowling C.	183	183	0	0	0	0	0
897	SUNY, New Paltz	180	124	0	23	12	21	0
898	Lyon C.	179	179	0	0	0	0	0

TABLE 14. Higher education R&D expenditures, ranked by all R&D expenditures, by source of funds: FY 2011
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
899	National Flight Test Institute	177	52	0	125	0	0	0
900	Ferrum C.	176	39	3	18	0	116	0
901	Prescott C.	176	130	0	0	35	11	0
902	Bank Street C. of Ed.	171	171	0	0	0	0	0
903	Goucher C.	170	157	0	0	0	13	0
904	Linfield C.	170	19	0	69	0	82	0
905	U. Dallas	170	103	5	0	10	52	0
906	Bluefield State C.	162	162	0	0	0	0	0
907	U. PR, Ponce	160	130	0	30	0	0	0
908	MS C.	158	153	0	5	0	0	0
909	Regent U.	157	0	0	17	0	140	0
910	Utica C.	157	157	0	0	0	0	0
911	U. MN, Crookston	153	0	17	110	0	21	5
912	PA State U., Berks	151	111	0	0	0	40	0

i = imputed. NA = not available; data were not provided by institution.

^a Johns Hopkins University includes Applied Physics Laboratory, with \$1,160,966 thousand in total R&D expenditures in FY 2011.

NOTES: Source-specific rankings available on request. 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, FY 2011.