

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
	All institutions	54,935,457	32,587,529	3,647,109	3,196,999	11,198,461	4,305,359
1	Johns Hopkins U., The ^a	1,856,270	1,587,547	9,037	37,113	97,063	125,510
2	U. MI all campuses	1,007,198	636,216	4,490	41,182	271,675	53,635
3	U. WI Madison	952,119	507,898	39,004	18,112	283,373	103,732
4	U. CA, San Francisco	947,697	483,667	29,884	65,069	165,029	204,048
5	U. CA, Los Angeles	889,995	467,505	22,633	47,329	198,758	153,770
6	U. CA, San Diego	879,357	511,428	35,711	62,081	134,074	136,063
7	Duke U.	805,021	438,767	22,644	183,515	96,926	63,169
8	U. WA	778,046	619,353	13,196	76,834	43,002	25,661
9	PA State U. all campuses	753,358	439,193	63,460	102,871	146,212	1,622
10	U. MN all campuses	740,980	390,602	62,720	32,559	176,800	78,299
11	MA Institute of Technology	736,102	532,618	655	102,894	7,875	92,060
12	U. PA	726,768	499,498	17,249	46,886	61,733	101,402
13	OH State U. all campuses	716,461	339,820	119,488	119,600	102,583	34,970
14	Stanford U.	704,183	477,507	23,971	58,491	67,413	76,801
15	U. CA, Davis	681,618	295,924	57,427	35,383	211,331	81,553
16	Cornell U. all campuses	671,406	363,144	79,529	27,481	117,628	83,624
17	U. CA, Berkeley	652,474	262,069	45,431	71,386	171,310	102,278
18	U. CO all campuses	648,417	500,123	27,719	40,385	41,758	38,432
19	U. NC Chapel Hill	646,011	431,837	61,456	12,191	140,527	0
20	TX A&M U.	630,655	261,491	133,140	34,622	180,900	20,502
21	Washington U. St. Louis	628,328	414,045	19,472	35,730	89,564	69,517
22	U. Pittsburgh all campuses	623,347	463,192	16,759	9,623	99,171	34,602
23	U. FL	592,082	232,737	98,049	35,839	181,864	43,593
24	Columbia U. in the City of New York	589,575	483,111	16,235	12,751	56,344	21,134
25	U. TX M. D. Anderson Cancer Ctr.	578,788	194,633	156,985	43,689	100,435	83,046
26	U. AZ	565,292	287,889	33,347	18,638	181,359	44,059
27	U. IL Urbana-Champaign	563,710	288,013	35,790	19,312	191,357	29,238
28	GA Institute of Technology all campuses	561,631	322,452	10,727	43,885	167,766	16,801
29	U. Southern CA	533,041	375,024	9,670	72,815	75,532	0
30	Northwestern U.	515,229	300,619	7,101	11,837	141,806	53,866
31	Yale U.	509,452	378,914	6,211	16,578	27,718	80,031
32	U. TX Austin	506,369	309,125	21,605	49,059	96,454	30,126
33	Harvard U.	462,193	385,704	2,531	19,291	0	54,667
34	Purdue U. all campuses	453,799	175,302	49,871	66,631	160,867	1,128
35	Emory U.	449,419	295,831	8,056	24,448	100,052	21,032
36	Baylor C. of Medicine	449,031	267,130	2,462	18,399	64,488	96,552
37	IN U. all campuses	440,815	197,558	6,041	23,438	150,404	63,374
38	U. AL Birmingham, The	431,732	300,130	371	21,373	83,494	26,364
39	Vanderbilt U.	431,673	336,405	783	6,207	55,925	32,353
40	Case Western Reserve U.	415,539	313,044	16,882	6,473	54,857	24,283
41	U. MD College Park	409,190	246,985	22,775	11,235	118,139	10,056
42	U. TX Southwestern Medical Ctr. Dallas	402,087	207,216	47,698	24,109	39,323	83,741
43	LA State U. all campuses	401,306	157,645	86,068	17,920	111,517	28,156
44	VA Polytechnic Institute and State U.	396,681	148,411	100,217	20,444	105,525	22,084
45	U. Rochester	395,358	295,963	12,626	21,846	43,900	21,023
46	Scripps Research Institute, The	382,275	288,388	3,970	23,563	47,024	19,330
47	NC State U.	380,571	135,318	115,825	40,531	88,607	290
48	U. Chicago	377,652	301,159	5,552	8,031	32,273	30,637
49	U. KY all campuses	373,364	145,483	48,042	15,300	121,999	42,540
50	MI State U.	373,184	164,198	42,783	10,578	138,388	17,237

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(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
51	U. NE all campuses	366,507	148,602	8,532	14,220	166,753	28,400
52	U. MD Baltimore	359,542	169,081	15,549	45,471	83,497	45,944
53	U. Cincinnati all campuses	356,752	229,324	23,847	9,944	76,772	16,865
54	Rutgers, The State U. NJ all campuses	351,564	161,877	37,940	12,647	101,120	37,980
55	U. GA	349,730	106,932	37,666	6,427	186,998	11,707
56	CA Institute of Technology	342,455	305,682	1,630	8,756	5,398	20,989
57	U. IL Chicago	341,655	196,702	13,616	5,034	100,581	25,722
58	SUNY Albany	340,259	96,910	92,127	77,442	62,068	11,712
59	SUNY Buffalo all campuses	338,283	152,146	20,063	21,355	100,208	44,511
60	U. UT	331,137	192,354	1,360	15,219	104,098	18,106
61	U. IA	329,901	252,336	3,935	15,432	36,090	22,108
62	U. CA, Irvine	325,493	177,098	17,228	16,330	68,145	46,692
63	Mt. Sinai School of Medicine	318,407	264,914	5,694	13,230	8,405	26,164
64	OR Health & Science U.	309,675	233,774	5,854	16,277	29,876	23,894
65	U. South FL	309,456	190,949	32,260	20,109	61,108	5,030
66	NY U.	308,834	202,535	7,713	6,744	35,702	56,140
67	CO State U.	304,397	211,890	18,649	19,090	42,064	12,704
68	U. HI Manoa	290,707	203,453	17,191	29,758	32,198	8,107
69	WA State U.	285,595	95,824	52,125	8,963	115,592	13,091
70	U. TN all campuses	284,896	156,043	44,660	13,740	56,316	14,137
71	AZ State U.	281,588	134,598	26,871	17,696	77,490	24,933
72	Boston U.	280,814	255,178	526	4,930	4,502	15,678
73	U. VA all campuses	261,604	218,499	858	7,766	17,933	16,548
74	SUNY Stony Brook all campuses	258,098	107,396	23,246	5,309	113,801	8,346
75	Rockefeller U.	252,478	73,906	954	2,327	155,283	20,008
76	Wayne State U.	251,854	116,682	8,553	7,770	81,674	37,175
77	U. Miami	248,029	172,000	4,868	24,686	14,877	31,598
78	U. MO-Columbia	245,058	118,998	20,948	4,559	90,934	9,619
79	U. KS all campuses	225,856	127,449	6,419	3,883	78,138	9,967
80	U. CT all campuses	225,217	120,668	9,495	8,173	71,996	14,885
81	IA State U.	224,311	96,483	47,038	15,805	57,161	7,824
82	U. of Medicine and Dentistry NJ	223,796	115,770	11,985	15,919	50,776	29,346
83	U. TX Health Science Ctr. San Antonio	221,535	129,399	5,089	19,237	47,203	20,607
84	Carnegie Mellon U.	217,667	170,260	3,275	19,254	15,059	9,819
85	U. TX Health Science Ctr. Houston	217,623	135,087	18,694	7,210	32,264	24,368
86	MS State U.	216,936	102,903	32,623	8,048	73,362	0
87	Medical U. SC	216,778	113,789	925	13,326	80,731	8,007
88	U. CA, Santa Barbara	215,728	113,837	3,878	15,522	44,082	38,409
89	OR State U.	209,061	118,252	42,697	4,840	39,857	3,415
90	U. MA Worcester	204,033	145,834	5,265	14,090	20,916	17,928
91	U. NM main campus	201,769	133,334	5,038	5,496	52,945	4,956
92	Wake Forest U.	201,204	144,454	18,252	17,388	7,984	13,126
93	Princeton U.	200,580	128,876	873	6,199	52,019	12,613
94	U. OK all campuses	196,772	95,809	17,683	14,772	55,349	13,159
95	FL State U.	195,244	117,294	16,254	1,084	54,123	6,489
96	Yeshiva U.	193,010	137,108	0	2,086	39,168	14,648
97	Uniformed Services U. of the Health Sciences	192,268	124,314	0	0	49,829	18,125
98	Dartmouth C.	189,351	134,113	841	3,053	39,516	11,828
99	U. SC all campuses	186,996	107,504	2,141	4,607	56,731	16,013
100	Clemson U.	186,383	55,108	19,481	14,821	92,478	4,495
101	U. TX Medical Branch	184,845	126,703	1,954	4,345	37,665	14,178

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102	Medical C. WI	176,237	117,842	272	2,194	38,685	17,244
103	Brown U.	161,650	93,753	661	2,595	59,030	5,611
104	Woods Hole Oceanographic Institution	157,289	127,378	1,743	1,682	10,993	15,493
105	U. MA Amherst	156,216	80,163	5,439	8,505	50,647	11,462
106	Tulane U.	155,139	109,269	6,957	1,309	19,366	18,238
107	VA Commonwealth U.	150,989	97,433	11,844	10,451	25,365	5,896
108	NM State U. main campus	149,798	88,707	19,393	2,311	32,376	7,011
109	Tufts U.	147,903	102,330	724	11,071	13,217	20,561
110	Georgetown U.	147,441	119,925	1,968	917	10,598	14,033
111	U. Louisville	146,874	72,770	10,649	2,484	39,913	21,058
112	KS State U.	146,310	57,743	40,838	3,948	32,759	11,022
113	U. CA, Santa Cruz	144,052	76,085	4,042	4,735	38,882	20,308
114	Auburn U. all campuses	143,654	52,911	35,486	4,629	47,329	3,299
115	UT State U.	143,010	84,082	31,595	3,288	19,355	4,690
116	WV U.	139,592	64,388	5,489	4,478	61,977	3,260
117	U. CA, Riverside	130,187	53,971	6,229	6,527	48,968	14,492
118	U. DE	124,475	87,090	5,422	3,644	23,237	5,082
119	U. AK Fairbanks all campuses	123,420	105,885	2,746	0	0	14,789
120	U. VT	122,558	92,555	253	2,971	19,914	6,865
121	OK State U. all campuses	120,445	39,517	32,059	4,671	43,749	449
122	MT State U. Bozeman	115,045	71,620	22,556	6,991	13,878	0
123	U. Central FL	113,433	65,042	14,987	9,910	19,055	4,439
124	ND State U. all campuses	113,214	43,614	37,269	1,001	27,833	3,497
125	U. NH	107,860	78,633	1,486	6,777	14,081	6,883
126	U. NV, Reno	106,378	63,709	7,243	2,075	32,428	923
127	U. AR for Medical Sciences	106,314	61,249	5,006	2,739	24,312	13,008
128	U. AR main campus	105,446	31,597	46,160	3,438	18,239	6,012
129	Drexel U.	102,366	67,620	4,126	2,147	20,777	7,696
130	Temple U.	101,864	65,126	3,457	6,981	20,202	6,098
131	Thomas Jefferson U.	101,188	73,152	7,368	8,188	6,402	6,078
132	U. ME	100,580	47,280	592	3,446	48,453	809
133	George Washington U.	99,945	88,949	47	3,284	5,890	1,775
134	U. Houston	99,262	40,020	20,453	5,730	26,097	6,962
135	U. of Notre Dame	97,850	57,425	308	2,384	28,626	9,107
136	Rush U.	96,975	43,608	36	10,728	38,790	3,813
137	U. Dayton	93,496	70,469	15,342	4,954	1,938	793
138	NJ Institute of Technology	92,891	42,656	5,006	4,659	31,394	9,176
139	FL International U.	91,278	53,647	6,636	807	26,482	3,706
140	U. MS all campuses	90,677	62,192	167	2,404	17,802	8,112
141	U. ID	88,242	42,207	24,662	723	19,491	1,159
142	TX A&M U. System Health Science Ctr.	83,631	26,984	5,103	815	44,205	6,524
143	U. RI	83,375	57,148	8,164	4,573	13,490	0
144	U. CA Office of the President	83,006	199	36,823	1,410	44,391	183
145	NM Institute of Mining and Technology	81,742	61,178	5,798	10,094	4,607	65
146	TX Tech U.	80,011	24,184	22,093	6,353	24,056	3,325
147	San Diego State U.	79,190	42,736	8,253	1,177	18,444	8,580
148	Rice U.	78,745	56,270	604	4,475	8,930	8,466
149	George Mason U.	78,487	55,678	1,692	881	12,633	7,603
150	Rensselaer Polytechnic Institute	77,890	48,216	8,966	5,119	13,094	2,495
151	U. WY	77,633	29,479	3,895	1,154	41,720	1,385
152	Naval Postgraduate School	76,860	75,825	188	663	0	184

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153	U. OR	75,869	61,464	342	1,360	7,905	4,798
154	U. MD Baltimore County	75,571	53,867	2,204	1,766	15,262	2,472
155	Old Dominion U.	71,909	27,644	5,549	5,875	32,841	0
156	U. ND all campuses	71,656	49,215	5,595	10,130	5,285	1,431
157	U. AL Huntsville, The	71,365	53,893	708	9,364	5,079	2,321
158	U. LA Lafayette	68,018	13,075	13,979	0	24,567	16,397
159	Southern IL U. Carbondale	66,316	19,223	8,042	8,506	29,405	1,140
160	U. Toledo	66,136	29,328	10,871	3,134	18,042	4,761
161	SUNY Binghamton	66,050	16,704	6,624	3,599	32,391	6,732
162	Wichita State U.	65,988	12,241	10,140	19,343	23,709	555
163	Medical C. GA	65,473	45,272	7	4,135	10,581	5,478
164	Brandeis U.	62,228	40,532	0	2,973	10,722	8,001
165	Northeastern U.	61,309	38,178	761	12,169	10,201	0
166	U. TX Dallas	61,214	25,651	14,183	11,474	9,906	0
167	GA State U.	60,557	24,038	3,808	757	27,975	3,979
168	U. MT-Missoula, The	59,505	36,631	2,289	882	15,332	4,371
169	MI Technological U.	58,356	27,004	842	5,536	24,563	411
170	Charles R. Drew U. of Medicine and Science	57,604	53,110	416	1,078	3,000	0
171	U. TX El Paso	56,635	29,386	2,730	4,606	19,913	0
172	SD State U.	55,334	24,303	14,182	4,435	3,267	9,147
173	U. MA Lowell	52,431	23,083	1,466	6,772	21,110	0
174	U. TX Arlington	51,673	24,290	3,042	6,035	18,306	0
175	C. of William and Mary all campuses	51,169	24,248	2,760	1,524	17,707	4,930
176	U.S. Air Force Academy	48,641	38,795	67	432	9,112	235
177	Wright State U. all campuses	48,153	22,789	4,683	1,960	18,139	582
178	U. Southern MS	46,744	41,517	1,384	2,115	887	841
179	U. MD Biotechnology Institute	45,921 i	18,737 i	1,581 i	356 i	24,478 i	769 i
180	U. Memphis, The	45,747	16,179	4,019	434	23,526	1,589
181	Jackson State U.	44,884	37,321	0	1,714	5,849	0
182	FL Atlantic U.	44,334	15,115	3,143	978	22,372	2,726
183	U. WI Milwaukee	44,115	18,955	6,103	711	15,463	2,883
184	U. TX San Antonio	43,818	26,393	13,837	1,075	2,513	0
185	U. MD Ctr. for Environmental Science	41,670	11,656	5,544	0	20,179	4,291
186	OH U. all campuses	41,256	16,508	2,893	5,136	16,704	15
187	Boston C.	41,132	22,672	79	1,141	6,308	10,932
188	Syracuse U. all campuses	40,885	22,434	5,087	3,670	7,888	1,806
189	CO School of Mines	40,117	25,109	734	14,274	0	0
190	San Jose State U.	39,339	23,949	10,367	678	2,279	2,066
191	U. NV, Las Vegas	39,148	31,270	2,384	1,390	4,104	0
192	St. Louis U. all campuses	37,983	33,644	150	3,328	861	0
193	Loma Linda U.	37,557	29,114	1,509	2,232	3,162	1,540
194	TX Tech U. Health Science Ctr.	37,363	11,274	2,597	1,759	19,367	2,366
195	Eastern VA Medical School	36,678	24,083	305	2,664	359	9,267
196	U. MA Boston	36,637	13,536	949	333	15,993	5,826
197	U. AL, The	36,508	23,944	1,988	3,054	7,522	0
198	Desert Research Institute	36,490	29,544	1,471	1,011	2,717	1,747
199	CUNY The City C.	36,368	22,598	3,388	3,665	3,095	3,622
200	U. MO-Rolla	35,466	23,368	441	3,739	7,373	545
201	Loyola U. Chicago	35,126	22,844	953	339	6,961	4,029
202	Portland State U.	35,030	25,334	2,445	974	2,069	4,208
203	U. PR Medical Sciences Campus	34,869	27,042	902	2,134	4,764	27

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204	U. Akron all campuses	34,507	10,966	3,158	3,943	12,021	4,419
205	CUNY Hunter C.	33,267	18,512	2,784	11	7,300	4,660
206	SUNY Upstate Medical U.	33,194	21,828	1,862	2,683	1,358	5,463
207	Lehigh U.	33,169	19,302	7,313	2,387	3,642	525
208	Howard U.	32,884	30,599	1,153	598	0	534
209	Southern IL U. Edwardsville	31,795	2,022	2,531	964	25,927	351
210	NY Medical C.	30,584	22,253	802	4,436	84	3,009
211	U. PR Rio Piedras Campus	30,433	18,886	41	0	11,470	36
212	Miami U. all campuses	29,808	13,500	2,177	361	12,718	1,052
213	U. North TX Health Science Ctr. Ft. Worth	29,582	20,215	647	1,177	4,914	2,629
214	U. SD	29,417	16,684	1,866	98	10,113	656
215	U. South AL	29,197	15,807	563	2,717	10,110	0
216	SUNY Health Science Ctr. Brooklyn	29,184	22,849	375	1,356	2,492	2,112
217	Rochester Institute of Technology	28,955	18,029	979	3,918	4,065	1,964
218	NC Agricultural and Technical State U.	28,540	18,494	185	187	9,674	0
219	U. MO-Kansas City	27,500	15,786	1,086	675	8,528	1,425
220	Morehouse School of Medicine	27,392	23,583	600	1,028	2,148	33
221	Creighton U.	27,104	12,196	3,252	8,262	2,989	405
222	Air Force Institute of Technology	26,761	11,500	38	334	14,889	0
223	Meharry Medical C.	26,587	23,829	0	0	0	2,758
224	Northern AZ U.	26,183	13,333	4,169	3,821	4,860	0
225	FL A&M U.	25,651	23,409	490	1,752	0	0
226	Brigham Young U. all campuses	25,497	16,979	1,089	3,494	2,168	1,767
227	Stevens Institute of Technology	25,116	19,326	661	1,514	2,786	829
228	San Francisco State U.	25,065	13,178	3,610	444	7,135	698
229	Kent State U. all campuses	25,050	13,282	4,167	497	6,268	836
230	U. NC Charlotte	24,814	11,946	3,261	5,882	3,725	0
231	East Carolina U.	24,177	17,079	2,349	2,872	473	1,404
232	IL Institute of Technology	23,347	17,349	2,151	2,033	1,144	670
233	Marshall U.	22,437	16,787	1,345	456	3,849	0
234	U. of the VI	22,019	16,628	2,800	2,591	0	0
235	Mercer U. all campuses	21,858	13,377	178	6,270	2,033	0
236	U. CA, Merced	21,421	8,025	7,877	79	4,134	1,306
237	U. Southern ME	20,957	11,914	825	166	4,746	3,306
238	Catholic U. America, The	20,942	15,834	32	580	4,324	172
239	Northern IL U.	20,644	17,098	11	729	2,806	0
240	ID State U.	20,524	12,428	364	3,676	3,829	227
241	SUNY C. of Environmental Science and Forestry	20,513	7,853	1,697	1,389	8,615	959
242	U. PR Mayaguez Campus	20,375	12,663	1,058	4,577	2,077	0
243	U. North TX	19,552	9,045	2,122	1,469	5,977	939
244	CA State Polytechnic U. San Luis Obispo	19,420	12,169	2,499	467	1,781	2,504
245	U. MA Dartmouth	19,343	9,667	1,312	606	7,164	594
246	LA Tech U.	18,060	8,033	2,099	485	7,412	31
247	Albany Medical C.	17,776	12,653	141	164	3,240	1,578
248	AL State U.	17,164	11,117	3,983	545	1,519	0
249	Teachers C. Columbia U.	16,919	7,357	0	0	0	9,562
250	American U.	16,848	6,907	0	0	8,656	1,285
251	Tuskegee U.	16,706	12,863	0	0	0	3,843
252	U. NC Wilmington	16,423	10,350	1,172	437	4,049	415
253	TX State U. San Marcos	15,742	6,323	5,508	267	2,032	1,612
254	Clarkson U.	14,929	7,105	1,331	2,830	3,663	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
255	AL A&M U.	14,752	10,265	1,426	170	711	2,180
256	Worcester Polytechnic Institute	14,663	10,106	14	1,236	3,022	285
257	TX A&M U. Kingsville	14,630	5,288	1,007	249	6,821	1,265
258	SD School of Mines and Technology	14,373	11,859	945	164	1,341	64
259	Southern Methodist U.	14,338	9,871	333	1,353	1,905	876
260	TN Technological U.	13,959	5,812	4,466	301	3,380	0
261	Cleveland State U.	13,424	4,081	4,324	150	3,557	1,312
262	Rosalind Franklin U. of Medicine and Science	13,375	7,246	0	331	4,003	1,795
263	Western MI U.	13,301	8,084	1,023	1,769	1,212	1,213
264	TX A&M U. Corpus Christi	13,279	6,966	3,504	138	149	2,522
265	Alcorn State U.	13,064	10,711	2,105	248	0	0
266	U. MO-St. Louis	12,995	6,214	10	65	6,106	600
267	Hampton U.	12,824	12,662	0	0	162	0
268	CUNY Queens C.	12,768	9,519	1,663	1,270	316	0
269	CA State U. Long Beach	12,665	9,963	1,090	334	444	834
270	U. Denver	12,560	10,526	157	667	612	598
271	U. Tulsa	12,525	5,534	604	6,071	316	0
272	CA State U. Northridge	12,486	7,576	2,580	89	1,966	275
273	Morgan State U.	12,351	10,702	650	844	133	22
274	TN State U.	12,202	7,257	140	335	4,470	0
275	Boise State U.	11,955	9,621	360	281	1,102	591
276	CA State U. Sacramento	11,734	3,608	5,306	477	1,971	372
277	Prairie View A&M U.	11,545	7,676	3,031	70	628	140
278	Baylor U.	11,427	4,587	298	1,677	3,573	1,292
279	MO State U.	11,244	9,786	172	721	0	565
280	Embry-Riddle Aeronautical U.	10,899	7,424	1,478	1,852	145	0
281	Tarleton State U.	10,804	7,599	2,693	288	224	0
282	U.S. Naval Academy	10,468	10,137	0	331	0	0
283	Oakland U.	10,464	5,485	75	859	3,790	255
284	U. NC Greensboro	10,394	8,542	535	791	70	456
285	FL Institute of Technology	10,389	7,820	910	1,571	0	88
286	Humboldt State U.	10,301	3,541	3,346	412	1,397	1,605
287	Marquette U.	10,275	6,781	109	324	1,753	1,308
288	Northeastern OH Universities C. of Medicine	10,077	2,819	268	103	6,553	334
289	Duquesne U.	10,066	4,180	209	430	5,018	229
290	Villanova U.	9,919 i	5,582 i	2,767 i	834 i	0 i	736 i
291	CA State U. Fresno	9,837	4,275	2,620	122	2,313	507
292	U. HI Hilo	9,595	7,803	288	599	0	905
293	Polytechnic U.	9,505	5,384	1,358	2,205	0	558
294	U.S. Military Academy	9,432	8,543	0	0	787	102
295	DE State U.	9,335	8,332	505	498	0	0
296	U. AR Little Rock	9,269	4,961	1,974	0	2,014	320
297	East TN State U.	9,189	5,525	1,245	22	177	2,220
298	VA State U.	9,056	6,925	15	0	2,083	33
299	Seton Hall U.	8,923	3,414	4,199	258	0	1,052
300	Nova Southeastern U.	8,872	4,517	1,374	0	705	2,276
301	AR State U. main campus	8,622	6,977	618	31	930	66
302	SC State U.	8,535	7,037	134	0	793	571
303	Western KY U.	8,516	6,247	748	284	887	350
304	Bowling Green State U. all campuses	8,396	4,285	471	1,781	1,508	351
305	CA State U. San Bernardino	8,281	6,201	959	321	800	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
306	CUNY Graduate Ctr.	8,226	2,123	205	0	13	5,885
307	CA State U. Los Angeles	8,186	8,163	0	0	0	23
308	Lincoln U. (Jefferson City, MO)	8,011	6,358	1,653	0	0	0
309	Clark Atlanta U.	7,861	7,329	5	0	513	14
310	CA State U. Fullerton	7,507	4,983	592	1,720	212	0
311	U. MD Eastern Shore	7,504	7,215	181	60	0	48
312	Universidad Central del Caribe	7,484	6,752	201	0	531	0
313	U. AR Pine Bluff	7,422	3,894	234	0	3,194	100
314	Stephen F. Austin State U.	7,271	3,636	1,338	255	1,637	405
315	U. AK Anchorage all campuses	7,224	5,911	518	0	0	795
316	Wheeling Jesuit U.	7,097	7,058	39	0	0	0
317	Ponce School of Medicine	7,085	4,679	1,387	1,019	0	0
318	Morehouse C.	6,993	6,993	0	0	0	0
319	U. TX-Pan American	6,929	4,662	1,304	304	227	432
320	Norfolk State U.	6,878	6,306	11	0	0	561
321	Southern U. Baton Rouge ^b	6,865	5,920	937	0	0	8
322	Fordham U.	6,637	3,293	137	0	2,600	607
323	Ball State U.	6,621	2,202	173	488	3,758	0
324	Western WA U.	6,564	2,819	331	162	2,990	262
325	Wesleyan U.	6,170	3,230	302	58	1,876	704
326	Clark U.	6,072	2,685	0	0	1,728	1,659
327	MT Tech of the U. MT	5,951	3,939	1,494	518	0	0
328	U. GU	5,834	4,808	178	848	0	0
329	Eastern MI U.	5,757	3,699	20	455	1,404	179
330	Xavier U. LA	5,690	4,095	1,200	0	395	0
331	U. TX Brownsville	5,654	4,641	635	0	346	32
332	Chicago State U.	5,645	5,588	0	0	57	0
333	U. of the Pacific	5,528	1,701	776	3,051	0	0
334	IL State U.	5,397	3,627	419	309	1,042	0
335	NC Central U.	5,379	5,055	324	0	0	0
336	Lamar U.	5,376	3,086	1,810	258	16	206
337	West TX A&M U.	5,366	1,898	2,100	369	0	999
338	James Madison U.	5,305	3,727	281	0	355	942
339	U. Baltimore	5,295	1,418	2,261	20	57	1,539
340	Fisk U.	5,265	5,265	0	0	0	0
341	KY State U.	5,189	3,736	1,417	26	0	10
342	C. Charleston	4,941	3,578	61	11	1,134	157
343	CA State U. Monterey Bay	4,940	3,157	1,190	593	0	0
344	Williams C.	4,907	1,959	0	0	1,262	1,686
345	U. North FL	4,878	3,404	639	158	524	153
346	Bryn Mawr C.	4,822	2,298	8	7	2,509	0
347	U. LA Monroe	4,794	2,432	1,494	271	267	330
348	Wellesley C.	4,715	2,595	187	52	0	1,881
349	CUNY Brooklyn C.	4,696	3,749	55	525	367	0
350	CA State U. San Marcos	4,559	3,521	303	0	0	735
351	Smith C.	4,390	3,408	32	0	479	471
352	U. Hartford	4,338	609	718	1,018	1,549	444
353	TX Christian U.	4,318	2,558	149	1,525	86	0
354	Kettering U.	4,294	2,741	334	697	0	522
355	Milwaukee School of Engineering	4,245	1,291	0	2,149	561	244
356	TX Southern U.	4,232	4,228	4	0	0	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
357	Rowan U.	4,219	2,804	1,362	53	0	0
358	Langston U.	4,114	2,990	1,124	0	0	0
359	Santa Clara U.	4,066	3,915	76	27	0	48
360	Dillard U.	4,059	3,594	465	0	0	0
361	Towson U.	4,025	1,544	2,162	69	149	101
362	WV State U.	4,017	2,689	1,048	50	230	0
363	Alfred U. all campuses	3,953	1,289	1,297	802	565	0
364	U. WI Stevens Point	3,921	1,814	254	136	708	1,009
365	FL Gulf Coast U.	3,915	3,052	422	0	0	441
366	Bucknell U.	3,850	2,150	171	724	805	0
367	U. WI Superior	3,849	3,296	2	26	238	287
368	Gallaudet U.	3,848 i	3,657 i	65 i	0 i	0 i	126 i
369	Grand Valley State U.	3,846	996	515	0	908	1,427
370	U. DC	3,818	1,938	1,254	0	590	36
371	Claremont Graduate U.	3,642 i	889 i	86 i	0 i	717 i	1,950 i
372	CUNY John Jay C. of Criminal Justice	3,461	2,613	0	0	60	788
373	Midwestern U. (Chicago, IL)	3,457	417	6	363	2,660	11
374	Elizabeth City State U.	3,421	3,404	17	0	0	0
375	Palmer C. of Chiropractic	3,415	1,404	0	0	1,614	397
376	CUNY C. Staten Island	3,341	918	1,272	513	158	480
377	Clafin U.	3,328	3,328	0	0	0	0
378	Sam Houston State U.	3,313	2,644	519	0	150	0
379	U. West FL	3,274	2,798	213	0	14	249
380	Ft. Valley State U.	3,262	3,262	0	0	0	0
381	Central State U.	3,244	2,888	143	213	0	0
382	DePaul U.	3,215	2,897	14	64	113	127
383	St. Cloud State U.	3,153	878	309	1,138	828	0
384	MN State U. Mankato	3,133	363	152	892	307	1,419
385	Central WA U.	3,131	2,240	300	159	325	107
386	U. TX Tyler	3,078	1,930	987	35	9	117
387	Calvin C.	3,061	1,496	1	162	1,228	174
388	U. WI La Crosse	3,010	1,419	336	393	429	433
389	Long Island U. all campuses	2,955 i	2,169 i	129 i	310 i	243 i	104 i
390	Spelman C.	2,944	2,944	0	0	0	0
391	Appalachian State U.	2,937	1,118	151	1,064	457	147
392	U. NC Asheville	2,933	1,405	1,186	75	117	150
393	St. Francis U. (Loretto, PA)	2,915	2,915	0	0	0	0
394	Barnard C.	2,899	2,374	1	450	74	0
395	Central MI U.	2,870	1,437	169	706	420	138
396	U. Richmond	2,863	1,857	0	638	350	18
397	CA State U. East Bay	2,854	1,457	680	0	260	457
398	CA State U. Dominguez Hills	2,836	2,441	371	24	0	0
399	Carleton C.	2,829	1,765	30	13	146	875
400	Albany C. of Pharmacy	2,808	825	654	1,090	239	0
401	Franklin & Marshall C.	2,801	1,079	518	0	622	582
402	Amherst C.	2,796	1,340	0	69	989	398
403	Tougaloo C.	2,783	2,334	0	0	110	339
404	Pomona C.	2,748	815	0	0	1,854	79
405	Rose-Hulman Institute of Technology	2,744	433	0	58	0	2,253
406	Mt. Holyoke C.	2,720	1,754	38	0	928	0
407	CUNY Herbert H. Lehman C.	2,696	1,997	5	469	225	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
408	Western Carolina U.	2,693	1,549	313	122	490	219
409	Harvey Mudd C.	2,691	1,622	0	84	808	177
410	Sul Ross State U.	2,671	1,271	495	0	415	490
411	SUNY C. of Optometry	2,670	2,043	0	171	138	318
412	Occidental C.	2,625	608	0	2,017	0	0
413	Colgate U.	2,569	1,370	1	0	972	226
414	Macalester C.	2,560	626	86	148	1,596	104
415	Northwest Indian C.	2,491	2,408	83	0	0	0
416	Middle TN State U.	2,482	1,333	262	66	670	151
417	Fairfield U.	2,422	455	0	57	1,810	100
418	U. Northern CO	2,387	1,828	79	22	431	27
419	La Salle U.	2,359	1,826	0	0	533	0
420	SUNY C. Buffalo	2,327	1,699	87	0	202	339
421	Hope C.	2,321	1,207	0	0	293	821
422	Shaw U.	2,314	2,071	93	0	150	0
423	Loyola Marymount U.	2,291	1,737	0	9	217	328
424	Southern CT State U.	2,273	623	1,039	0	60	551
425	Swarthmore C.	2,217	871	0	0	619	727
426	New School, The	2,212	480	0	56	0	1,676
427	TX Woman's U.	2,211	982	674	16	389	150
428	NY Institute of Technology all campuses	2,197	915	85	218	979	0
429	U. New England	2,162	1,387	93	293	0	389
430	Pittsburg State U.	2,161	936	405	590	0	230
431	U. Northern IA	2,160	661	681	0	780	38
432	St. Joseph's U.	2,129	1,205	25	0	274	625
433	Youngstown State U.	2,081	1,187	652	89	153	0
434	NM Highlands U.	2,066	1,514	0	0	0	552
435	TX A&M U. Commerce	2,052	750	400	107	73	722
436	U. San Diego	2,001	922	3	30	702	344
437	Eastern WA U.	1,989	602	978	0	146	263
438	CA State U. Bakersfield	1,985	583	408	66	417	511
439	U. PR Humacao	1,961	1,925	0	0	36	0
440	Bowdoin C.	1,915	1,254	0	40	484	137
441	SUNY C. Geneseo	1,912	840	189	0	852	31
442	CA State U. Chico	1,889	1,032	351	352	0	154
443	Davidson C.	1,873	1,572	0	301	0	0
444	Haverford C.	1,870	1,338	0	0	95	437
445	Union C. (Schenectady, NY)	1,865	741	111	313	297	403
446	Furman U.	1,855	1,184	23	0	310	338
447	Lawrence Technological U.	1,855	1,134	274	417	30	0
448	Middlebury C.	1,852	1,790	0	0	0	62
449	Arcadia U.	1,849	331	616	902	0	0
450	Morehead State U.	1,777	1,227	1	43	464	42
451	Northern KY U.	1,769	1,160	83	0	423	103
452	Western IL U.	1,742	458	820	91	274	99
453	Montclair State U.	1,733	1,488	0	0	189	56
454	Black Hills State U.	1,719	1,568	110	24	17	0
455	Murray State U.	1,719	423	111	84	1,101	0
456	CA State Polytechnic U. Pomona	1,682	1,682	0	0	0	0
457	U. of the Sciences Philadelphia	1,673	809	188	676	0	0
458	GA Southern U.	1,656	942	107	607	0	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
459	Savannah State U.	1,651	1,615	36	0	0	0
460	Fayetteville State U.	1,613	1,534	19	0	59	1
461	Southeastern LA U.	1,609	940	521	5	102	41
462	Bradley U.	1,598	383	0	869	346	0
463	New England C. of Optometry	1,596	553	0	528	424	91
464	U. WI Eau Claire	1,589	1,124	79	28	191	167
465	Monmouth U.	1,576	1,571	5	0	0	0
466	Nicholls State U.	1,572	234	498	67	634	139
467	Western U. of Health Sciences	1,572	809	4	223	108	428
468	Rider U.	1,550	560	0	15	895	80
469	St. John's U. (Jamaica, NY)	1,548	1,299	54	80	54	61
470	U. Central AR	1,515	1,018	9	0	472	16
471	IN State U. all campuses	1,503	840	49	479	61	74
472	U. AK Southeast all campuses	1,496	1,269	85	0	0	142
473	John Bastyr C. of Naturopathic Medicine	1,485	1,197	0	169	119	0
474	West Chester U. PA	1,483	1,371	54	10	0	48
475	Dickinson C.	1,479	470	521	300	188	0
476	SUNY C. Plattsburgh	1,464	1,045	62	0	172	185
477	Hobart and William Smith Colleges	1,457	1,097	198	0	10	152
478	Coastal Carolina U.	1,444	899	307	24	189	25
479	Colby C.	1,433	985	0	0	311	137
480	Northwestern Health Sciences U.	1,423	1,423	0	0	0	0
481	U. Redlands	1,422	1,303	92	0	0	27
482	Lafayette C.	1,411	879	18	0	514	0
483	Skidmore C.	1,411	890	0	356	165	0
484	Governors State U.	1,400	1,317	83	0	0	0
485	U. Detroit Mercy	1,392	970	80	128	161	53
486	Salus U. ^c	1,380	1,288	61	31	0	0
487	Pace U. all campuses	1,376	377	0	23	403	573
488	U. IL Springfield	1,347	994	44	18	209	82
489	Hamilton C. (Clinton, NY)	1,344	589	0	0	316	439
490	Touro U.-CA	1,305	642	0	0	379	284
491	C. of the Holy Cross	1,287	1,022	0	24	0	241
492	Chapman U.	1,286	947	42	297	0	0
493	U. San Francisco	1,281	316	33	0	611	321
494	Benedict C.	1,279	1,229	20	0	0	30
495	Trinity U.	1,250	780	0	414	56	0
496	Lewis & Clark C.	1,247 i	638 i	0 i	0 i	149 i	460 i
497	U. PR Cayey	1,237	1,044	141	0	52	0
498	Northwestern State U.	1,227	573	378	0	192	84
499	TX A&M International U.	1,227	1,169	0	0	42	16
500	Philadelphia C. of Osteopathic Medicine	1,223	542	33	0	359	289
501	Albany State U.	1,206	958	98	0	0	150
502	Angelo State U.	1,155	312	524	22	221	76
503	Indiana U. PA all campuses	1,150	589	268	0	274	19
504	Washington and Jefferson C.	1,131	1,131	0	0	0	0
505	Bates C.	1,117	758	7	0	186	166
506	CT C.	1,112	989	38	81	0	4
507	Seattle U.	1,107	312	8	15	454	318
508	SUNY C. Old Westbury	1,107	519	0	232	339	17
509	Reed C.	1,096	639	0	0	152	305

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
510	Ithaca C.	1,091	851	0	0	240	0
511	VA Military Institute	1,091	114	187	501	262	27
512	Eastern KY U.	1,087	832	41	32	182	0
513	Plymouth State U.	1,087	861	54	0	29	143
514	U. West GA	1,072	721	170	114	67	0
515	Siena C.	1,069	1,069	0	0	0	0
516	C. NJ, The	1,067	136	312	249	370	0
517	St. Olaf C.	1,067	1,067	0	0	0	0
518	U. WI Oshkosh	1,067	556	85	113	211	102
519	MS Valley State U.	1,063	1,063	0	0	0	0
520	Eastern IL U.	1,061	753	196	69	43	0
521	CUNY Baruch C.	1,047	552	0	285	210	0
522	Christopher Newport U.	1,038	761	33	244	0	0
523	Pacific Lutheran U.	1,034	836	1	59	138	0
524	SUNY C. Oswego	1,020	774	0	29	60	157
525	Vassar C.	1,018	1,018	0	0	0	0
526	Haskell Indian Nations U.	1,006	1,006	0	0	0	0
527	Hampshire C.	994	439	0	0	0	555
528	Kansas City U. of Medicine and Biosciences	992	196	0	574	52	170
529	Marist C.	989	32	463	230	247	17
530	U. WI Green Bay	979	609	53	60	145	112
531	Willamette U.	951	529	0	0	422	0
532	U. Central OK	935	850	61	24	0	0
533	U. Portland	905	338	162	393	12	0
534	Trinity C. (Hartford, CT)	885	593	6	3	172	111
535	C. Wooster	880	284	0	0	439	157
536	Barry U.	875	875	0	0	0	0
537	Oberlin C.	869	683	0	173	13	0
538	Hofstra U.	868	546	208	7	60	47
539	Des Moines U.	867	61	4	10	672	120
540	Northeastern IL U.	834	380	1	0	410	43
541	Agnes Scott C.	830	830	0	0	0	0
542	Northern MI U.	830	221	0	3	500	106
543	Mercyhurst C.	825	225	129	57	414	0
544	U. of St. Thomas (St. Paul, MN)	818	316	50	79	143	230
545	Augustana C. (Sioux Falls, SD)	811	783	0	0	2	26
546	Western States Chiropractic C.	810	677	0	0	133	0
547	McNeese State U.	807	191	353	19	180	64
548	Washington and Lee U.	804	354	0	450	0	0
549	U. TX of the Permian Basin	797	192	6	0	99	500
550	Valparaiso U.	780	532	69	32	147	0
551	Weber State U.	777	307	48	154	137	131
552	U. Houston-Clear Lake	769	119	501	0	15	134
553	Claremont McKenna C.	741	728	0	0	0	13
554	Universidad del Este	709	709	0	0	0	0
555	Gonzaga U.	705	277	0	0	245	183
556	Truman State U.	701	397	6	2	260	36
557	Drake U.	700	321	34	191	154	0
558	Philadelphia U.	700	586	114	0	0	0
559	Mesa State C.	687	436	63	28	121	39
560	U. WI Platteville	685	50	198	0	317	120

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
561	Lincoln U. (Lincoln University, PA)	683	560	118	0	0	5
562	Grambling State U.	682 i	672 i	10 i	0 i	0 i	0 i
563	Evergreen State C.	672	651	0	0	0	21
564	Armstrong Atlantic State U.	671 e	451 e	0	0	220	0
565	Loyola U. New Orleans	662	169	94	0	393	6
566	Providence C.	661	607	0	32	22	0
567	Millsaps C.	653 i	653 i	0 i	0 i	0 i	0 i
568	Dowling C.	651	643	0	0	0	8
569	SUNY C. Brockport	651	228	200	10	175	38
570	Hendrix C.	648	521	6	6	59	56
571	Sinte Gleska U.	645	645	0	0	0	0
572	Northeastern State U.	636	460	128	0	19	29
573	Roger Williams U. Bristol	636	559	0	77	0	0
574	MT State U. Billings	629	419	94	100	16	0
575	Roanoke C.	629	91	0	0	538	0
576	Grinnell C.	627	43	0	0	579	5
577	A.T. Still U. of Health Sciences	623	6	0	35	221	361
578	Minot State U.	614	614	0	0	0	0
579	St. Michael's C.	613	407	0	0	206	0
580	Pepperdine U.	606	150	6	8	413	29
581	Wilberforce U.	600	552	0	29	0	19
582	Southern Polytechnic State U.	599	444	127	28	0	0
583	Winona State U.	599	138	84	4	289	84
584	Allegheny C.	598	306	2	0	233	57
585	Fuller Theological Seminary CA	598	0	7	0	34	557
586	Universidad Metropolitana	597	597	0	0	0	0
587	Rhodes C.	595	425	80	90	0	0
588	Kennesaw State U.	592	524	8	60	0	0
589	Simmons C.	592	178	0	87	65	262
590	Southern OR U.	584	424	30	67	55	8
591	Eastern OR U.	563	382	0	9	172	0
592	Saginaw Valley State U.	561	89	0	127	236	109
593	Wabash C.	554	256	0	0	259	39
594	DePauw U.	550	278	0	0	272	0
595	Muhlenberg C.	550	210	11	87	158	84
596	Mt. St. Mary's C. (Los Angeles, CA)	548	548	0	0	0	0
597	Eckerd C.	540	428	8	50	33	21
598	West Liberty State C.	535	374	40	0	121	0
599	Concordia C. (Moorhead, MN)	530	139	0	0	334	57
600	Cheyney U. PA	529	169	360	0	0	0
601	Gettysburg C.	525	382	0	43	100	0
602	Sonoma State U.	525	396	20	0	36	73
603	U. Houston-Downtown	520	326	190	0	4	0
604	Pacific U.	519	67	93	275	0	84
605	Salish Kootenai C.	519	492	27	0	0	0
606	Bridgewater State C.	517	278	46	0	164	29
607	Juniata C.	516	326	1	0	0	189
608	WV School of Osteopathic Medicine	510	16	0	0	478	16
609	Southern U. New Orleans	505	505	0	0	0	0
610	Andrews U.	494	129	43	0	93	229
611	Oakwood C.	493	493	0	0	0	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
612	IL Wesleyan U.	491	190	58	0	203	40
613	LeTourneau U.	491	309	0	88	10	84
614	U. WI River Falls	490	136	114	71	159	10
615	St. John's U. (Collegeville, MN)	485	0	0	0	485	0
616	CO C.	476	256	8	28	184	0
617	U.S. Coast Guard Academy	472	452	0	0	15	5
618	Niagara U.	465	154	0	3	307	1
619	Lawrence U.	458	388	19	0	51	0
620	Millersville U. PA	456	359	0	0	52	45
621	St. Bonaventure U.	449	254	70	0	125	0
622	Mercy C.	443	421	0	0	22	0
623	Denison U.	438 i	361 i	0 i	0 i	77 i	0 i
624	U. Scranton	438	271	41	50	76	0
625	Whitman C.	434	369	0	0	65	0
626	National U. of Health Sciences	425	153	0	11	173	88
627	Universidad del Turabo	423	423	0	0	0	0
628	AK Pacific U.	414	257	21	136	0	0
629	Kalamazoo C.	413	66	0	0	229	118
630	U. WI Whitewater	398	300	19	2	60	17
631	Le Moyne-Owen C.	396	341	0	0	0	55
632	Jacksonville U.	393	0	371	0	22	0
633	Abilene Christian U.	386	308	0	0	38	40
634	William Paterson U. NJ	380	106	0	31	243	0
635	Ursinus C.	379	221	150	3	0	5
636	Adelphi U.	369	369	0	0	0	0
637	Radford U.	362	115	5	56	186	0
638	Manhattan C.	361	128	172	20	41	0
639	CUNY Medgar Evers C.	358	173	0	172	13	0
640	AR Tech U.	357 i	177 i	35 i	14 i	126 i	5 i
641	John Carroll U.	351	268	0	60	0	23
642	Daemen C.	346	127	0	219	0	0
643	SUNY C. Cortland	342	74	0	17	0	251
644	Kenyon C.	338	338	0	0	0	0
645	St. Mary's C. MD	338	102	127	0	7	102
646	MA C. of Pharmacy and Health Sciences	331	145	0	186	0	0
647	CO State U. Pueblo	328	272	0	0	56	0
648	SUNY C. Oneonta	323	191	10	8	98	16
649	SUNY C. Potsdam	323	196	40	6	36	45
650	St. Mary's U. (San Antonio, TX)	319	319	0	0	0	0
651	Wiley C.	313	298	0	0	0	15
652	U. Puget Sound	311	164	3	0	46	98
653	Vanguard U. Southern CA	311 i	289 i	0 i	0 i	15 i	7 i
654	Lake Forest C.	304	93	0	0	211	0
655	Luther C.	302	95	108	3	87	9
656	Fairmont State U.	298	290	0	0	8	0
657	Central CT State U.	297	199	30	0	0	68
658	OH Wesleyan U.	290	158	0	0	132	0
659	Coe C.	286	136	13	31	106	0
660	Western OR U.	284	131	0	0	0	153
661	NJ City U.	276	265	0	0	0	11
662	Ft. Lewis C.	273	217	0	32	24	0

TABLE 31. R&D expenditures at universities and colleges, ranked by all R&D expenditures, by source of funds: FY 2009

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
663	Cooper Union	270	0	0	205	0	65
664	St. Joseph's C. (North Windham, ME)	270	218	2	0	0	50
665	Goucher C.	269	269	0	0	0	0
666	Mills C.	260	81	0	0	0	179
667	U. WI Stout	260	77	37	0	146	0
668	Southwestern OK State U.	254	210	40	4	0	0
669	SUNY Fredonia	253	9	59	19	35	131
670	Pitzer C.	247	0	0	0	247	0
671	Seattle Pacific U.	235	160	0	0	35	40
672	Elizabethtown C.	234	157	0	0	0	77
673	Jacksonville State U.	224	109	16	99	0	0
674	Mayville State U.	224	224	0	0	0	0
675	U. WI Parkside	222	64	5	54	68	31
676	Frostburg State U.	215	215	0	0	0	0
677	Sarah Lawrence C.	211	119	0	0	0	92
678	SUNY New Paltz	209	177	12	0	15	5
679	Augustana C. (Rock Island, IL)	205	47	4	39	115	0
680	Jarvis Christian C.	205	166	3	0	0	36
681	Wilkes U.	202	100	80	22	0	0
682	Widener U. PA Campus	189 i	14 i	0 i	175 i	0 i	0 i
683	Troy U. main campus	187	142	1	0	44	0
684	U. NC Pembroke	187	156	31	0	0	0
685	Canisius C.	186	94	0	27	65	0
686	Fitchburg State C.	185	185	0	0	0	0
687	Benedictine U.	179	0	0	0	162	17
688	North GA C. & State U.	177	157	0	0	20	0
689	Midwestern State U.	171	12	7	0	47	105
690	Gustavus Adolphus C.	168	57	2	66	43	0
691	OH Northern U.	167	108	4	0	33	22
692	CUNY New York City C. of Technology	166	7	0	82	77	0
693	Fairleigh Dickinson U. all campuses	164 i	0 i	13 i	35 i	67 i	49 i
694	Southeastern OK State U.	159	136	21	0	2	0
695	Carlos Albizu U. (San Juan, PR)	157	0	0	0	157	0
696	Loyola C.	155	136	0	19	0	0
697	Western CT State U.	155	77	13	0	65	0

e = estimated; data were not provided by institution; prior-year data were used or current-year estimates were reported. i = imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$977,951 in total R&D expenditures in FY 2009.

^b In previous publications of this report Southern University Baton Rouge was listed as Southern University and A&M College.

^c On 1 July 2008 PA College of Optometry was renamed Salus University to reflect an expansion of its academic programs.

NOTE: Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2009.