

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
	All institutions	30,084,148	32,823,937	36,405,220	40,100,324	43,257,731	45,792,673	47,742,832	49,430,767
1	Johns Hopkins U., The ^a	901,156	999,246	1,140,235	1,244,132	1,375,014	1,443,792	1,499,977	1,554,103
2	U. CA, San Francisco	443,013	524,975	596,965	671,443	728,321	754,444	796,149	842,840
3	U. WI Madison	554,361	604,143	662,101	717,044	763,875	798,099	831,895	840,672
4	U. CA, Los Angeles	530,826	693,801	787,598	849,357	772,569	785,625	811,493	823,083
5	U. MI all campuses	551,556	600,523	673,724	780,054	769,126	808,887	800,488	808,731
6	U. CA, San Diego	518,559	556,533	585,008	646,508	708,690	721,035	754,766	798,896
7	Duke U.	356,625	375,133	441,533	520,191	520,871	630,752	657,080	781,843
8	U. WA	529,342	589,626	627,273	684,814	713,976	707,519	778,148	756,787
9	OH State U. all campuses	361,399	390,652	432,387	496,438	518,088	608,923	652,329	720,206
10	Stanford U.	457,822	482,906	538,474	603,227	671,046	714,897	679,196	687,511
11	PA State U. all campuses	427,575	458,066	492,739	533,427	600,139	625,764	644,182	652,144
12	U. PA	430,389	469,852	522,269	564,635	596,756	654,982	676,052	648,247
13	Cornell U. all campuses	410,393	443,828	496,123	554,760	575,554	606,804	648,802	641,936
14	U. MN all campuses	411,380	462,011	494,265	508,557	526,270	548,873	594,877	624,149
15	MA Institute of Technology	426,299	435,495	446,786	485,764	543,448	580,742	600,748	614,352
16	U. CA, Davis	364,789	432,396	456,653	482,145	511,757	546,978	573,002	600,508
17	U. FL	313,692	347,892	386,316	429,734	447,146	530,734	565,491	592,835
18	Washington U. St. Louis	362,216	406,642	416,960	474,328	489,565	531,846	547,674	572,775
19	U. Pittsburgh all campuses	294,809	348,792	400,200	409,684	461,693	522,448	530,162	558,566
20	U. CA, Berkeley	518,514	446,273	474,746	507,186	525,598	554,551	546,035	552,365
21	Columbia U. in the City of NY	319,693	354,497	405,403	437,669	468,484	535,424	529,945	545,995
22	TX A&M U.	397,268	407,041	436,681	456,235	456,809	479,735	492,955	543,888
23	U. AZ	345,090	367,128	390,827	454,941	478,680	530,233	535,847	531,753
24	U. CO all campuses	353,908	365,472	399,818	436,761	482,992	517,067	512,794	527,587
25	U. Southern CA	300,445	340,597	372,397	414,099	426,665	445,036	450,173	508,138
26	U. TX M. D. Anderson Cancer Ctr.	182,196	212,746	262,145	315,169	353,034	383,780	457,696	496,539
27	U. NC Chapel Hill	269,072	303,576	370,806	390,542	416,727	441,033	443,790	477,231
28	U. IL Urbana-Champaign	373,024	390,863	427,174	493,581	506,041	499,711	476,198	473,890
29	GA Institute of Technology all campuses	304,511	306,533	340,347	364,190	410,799	425,386	440,898	472,591
30	Harvard U.	341,810	372,107	401,367	408,707	454,495	447,196	453,156	451,276
31	Yale U.	296,706	321,514	354,243	387,644	422,828	431,618	460,075	448,671
32	U. TX Austin	272,811	295,104	320,966	343,854	343,886	410,981	431,398	446,765
33	Northwestern U.	245,774	257,933	282,154	319,722	358,947	387,242	419,985	443,345
34	Baylor C. of Medicine	334,175	381,461	411,924	461,763	476,075	458,694	462,375	438,280
35	Purdue U. all campuses	234,536	254,917	285,778	309,476	365,779	364,986	372,958	415,172
36	Vanderbilt U.	171,926	186,504	208,305	276,074	318,335	350,433	376,893	399,149
37	Emory U.	206,070	236,997	271,238	323,224	311,685	333,665	345,989	398,383
38	U. Cincinnati all campuses	171,906	192,895	216,652	254,101	276,326	286,036	294,150	375,852

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
39	U. Rochester	197,335	234,261	261,601	285,768	312,303	345,337	366,658	373,247
40	LA State U. all campuses	251,233	268,911	287,363	314,446	341,634	356,828	348,797	372,421
41	Case Western Reserve U.	193,057	198,253	219,042	250,674	231,800	323,618	369,264	372,374
42	VA Polytechnic Institute and State U.	192,672	216,323	232,560	247,807	268,752	289,994	321,722	366,960
43	U. IA	236,944	255,348	288,808	292,035	312,914	334,144	346,357	363,243
44	MI State U.	238,436	265,946	289,787	321,410	325,438	333,735	358,097	360,852
45	Scripps Research Institute, The	NA	NA	NA	NA	307,910	330,170	367,375	360,511
46	U. MD College Park	252,429	267,383	324,980	321,899	325,648	338,648	354,244	359,760
47	U. MD Baltimore	224,346	239,007	266,822	297,271	317,293	304,396	405,260	358,851
48	U. AL Birmingham, The	233,461	231,702	255,053	284,497	310,950	318,536	331,436	351,457
49	U. IL Chicago	195,839	233,098	259,852	291,507	312,768	318,279	332,176	342,421
50	U. TX Southwestern Medical Ctr. Dallas	189,216	222,376	263,958	276,692	314,403	320,800	333,237	341,090
51	U. NE all campuses	192,639	223,964	247,948	276,424	299,550	333,126	333,243	336,468
52	U. GA	258,476	272,298	284,660	299,748	313,160	316,806	323,843	332,612
53	NC State U.	277,946	299,259	290,018	286,025	292,720	302,596	330,936	331,662
54	U. KY all campuses	202,392	211,721	236,275	272,062	297,610	306,653	323,958	331,606
55	U. Chicago	170,678	194,125	225,264	247,322	272,390	293,970	305,301	322,488
56	SUNY Buffalo all campuses	187,692	186,829	226,959	240,180	258,952	267,271	297,909	314,837
57	Rutgers, The State U. NJ all campuses	225,268	236,793	258,829	278,763	296,534	309,531	308,204	311,612
58	U. CA, Irvine	158,437	179,866	209,469	234,656	257,024	276,763	300,229	309,554
59	SUNY Albany	82,792	70,119	67,493	120,655	203,977	259,708	274,354	309,221
60	NY U.	182,205	190,722	222,978	241,593	259,333	276,198	284,164	297,867
61	IN U. all campuses	227,737	259,899	299,080	337,669	384,168	307,137	355,004	294,981
62	CO State U.	152,279	161,144	178,845	187,054	214,886	236,211	253,992	288,497
63	OR Health & Science U.	131,486	136,785	158,729	197,178	254,447	266,687	272,174	287,430
64	CA Institute of Technology	222,666	215,085	220,004	240,664	261,098	265,364	270,269	285,488
65	U. South FL	145,397	171,550	197,894	213,249	240,021	259,218	285,941	272,661
66	Mt. Sinai School of Medicine	149,846	176,946	185,335	203,853	212,786	225,293	273,216	269,451
67	SUNY Stony Brook all campuses	163,307	168,487	184,045	200,330	213,547	212,289	234,635	268,282
68	U. HI Manoa	161,300	156,976	161,823	179,285	236,368	230,651	249,635	266,447
69	Boston U.	154,029	172,031	192,612	224,841	240,867	246,520	255,615	249,279
70	U. UT	187,661	197,597	216,707	223,739	230,146	244,691	248,168	247,794
71	U. TN all campuses	163,690	161,898	188,261	217,389	228,760	255,699	249,072	243,184
72	U. of Medicine and Dentistry NJ	140,951	162,417	178,156	190,763	209,134	239,778	245,771	236,834
73	Wayne State U.	156,814	175,984	199,007	214,642	225,475	226,331	220,731	235,186
74	Rockefeller U.	124,138	145,571	166,603	192,143	192,222	198,719	215,417	233,917
75	U. VA all campuses	140,416	149,547	182,340	206,199	228,532	235,058	238,754	230,181
76	U. MO-Columbia	158,861	174,782	177,011	205,212	217,550	220,718	215,240	228,654
77	U. CT all campuses	161,084	164,366	172,003	190,341	211,236	219,982	215,184	224,679

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
78	AZ State U.	108,117	118,763	123,016	145,591	152,164	166,923	201,955	224,352
79	IA State U.	175,558	179,196	188,664	199,566	211,996	209,545	221,998	217,158
80	Clemson U.	114,903	123,885	134,840	152,986	158,585	175,127	179,840	211,760
81	U. Miami	145,795	153,772	171,319	177,709	194,446	209,572	213,516	210,534
82	WA State U.	104,796	107,937	146,862	175,181	171,735	182,677	196,391	210,010
83	MS State U.	132,503	146,939	158,652	165,922	191,352	179,825	189,917	206,207
84	U. KS all campuses	148,670	156,467	172,131	173,024	181,192	190,105	195,947	202,129
85	Carnegie Mellon U.	137,980	144,882	188,191	186,351	205,149	200,297	212,506	197,143
86	Dartmouth C.	78,874	109,096	126,839	155,795	173,266	179,094	200,277	192,846
87	Yeshiva U.	139,618	148,230	157,124	177,236	183,253	193,104	189,416	192,199
88	U. TX Health Science Ctr. Houston	119,587	125,439	138,380	149,294	147,328	152,631	175,154	191,724
89	U. CA, Santa Barbara	118,154	116,372	131,795	149,130	151,325	165,014	174,429	191,204
90	FL State U.	105,095	113,817	134,351	152,277	168,132	172,858	185,633	189,565
91	OR State U.	140,751	153,925	161,735	167,631	170,286	180,309	189,606	189,368
92	Princeton U.	134,875	149,411	164,408	179,951	188,373	202,380	188,165	188,732
93	Wake Forest U.	86,840	98,343	111,634	130,405	133,753	185,152	183,129	185,609
94	Medical U. SC	65,243	116,687	132,030	150,551	163,179	178,086	176,055	184,624
95	U. TX Medical Branch	97,896	102,722	129,534	153,122	166,798	174,254	179,915	183,492
96	U. NM main campus	133,980	156,619	150,598	158,239	170,085	178,703	181,223	177,430
97	U. OK all campuses	150,902	148,695	169,373	174,466	158,578	173,663	178,719	176,825
98	U. TX Health Science Ctr. San Antonio	103,824	115,154	129,616	133,304	137,039	142,375	150,040	160,282
99	U. SC all campuses	104,398	109,973	123,108	121,410	121,671	122,212	153,737	158,857
100	Medical C. WI	70,581	83,857	96,700	108,608	139,235	143,540	147,140	158,171
101	U. MA Worcester	97,587	111,221	132,729	148,823	169,090	176,349	156,452	157,469
102	Brown U.	81,476	91,636	109,482	125,090	130,741	138,262	157,926	152,619
103	U. AK Fairbanks all campuses	102,500	110,195	116,279	128,916	132,212	139,488	153,470	151,782 e
104	U. Louisville	64,062	72,857	80,974	88,522	110,653	128,347	135,873	151,226
105	NM State U. main campus	79,695	86,963	103,078	108,613	93,329	125,427	164,994	148,120
106	U. MA Amherst	96,907	97,976	109,332	113,512	120,788	127,487	135,272	141,351
107	Auburn U. all campuses	92,612	106,347	108,775	117,000	125,705	132,203	126,522	140,629
108	UT State U.	103,161	121,359	121,621	138,862	153,616	131,624	138,670	138,065
109	Woods Hole Oceanographic Institution	81,547	91,029	99,964	104,223	114,087	117,517	121,888	137,410
110	Tulane U.	89,785	99,761	102,998	117,709	123,677	138,959	114,397	137,107
111	VA Commonwealth U.	88,220	99,180	109,619	126,451	132,839	146,105	149,256	134,453
112	WV U.	66,130	71,311	84,985	104,748	108,002	115,398	122,134	133,590
113	Georgetown U.	133,211	99,228	105,668	117,713	126,320	123,938	118,558	131,785
114	Tufts U.	105,783	105,806	109,291	112,609	126,432	131,028	128,965	130,826
115	U. CA, Riverside	83,580	94,455	111,936	112,468	110,627	122,221	124,820	128,243
116	George Washington U.	69,300	73,805	86,288	92,454	103,473	107,715	113,982	126,110

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
117	U. CA, Santa Cruz	56,212	64,253	70,967	78,448	94,297	105,617	114,126	124,856
118	KS State U.	91,790	94,030	106,804	112,733	119,306	123,398	123,746	123,900
119	U. CA Office of the President	NA	NA	NA	NA	90,233	97,245	128,770	118,910
120	U. DE	74,711	77,491	85,157	100,706	109,985	110,339	114,985	118,245
121	MT State U. Bozeman	65,324	69,593	78,211	91,503	97,696	109,465	112,428	116,999
122	U. NH	72,108	87,879	93,222	96,415	103,935	108,378	115,117	114,228
123	U. VT	63,391	75,597	88,602	104,994	114,120	115,693	121,841	113,195
124	U. Central FL	47,646	79,287	66,351	89,880	103,261	102,702	107,996	111,595
125	U. AR for Medical Sciences	49,074	51,921	45,046	63,677	74,063	91,516	107,871	108,551
126	U. MS all campuses	44,927	58,410 i	71,893 i	85,378	79,867	91,913	93,471	108,244
127	Thomas Jefferson U.	89,626	88,936	102,974	109,083	112,078	107,388	106,986	107,288
128	ND State U. all campuses	50,063	64,882	72,105	91,812	102,115	103,011	103,778	106,208
129	OK State U. all campuses	88,285	90,311	94,987	103,079	103,915	99,436	100,323	101,112
130	U. AR main campus	70,817	78,303	83,063	82,277	88,918	98,138	99,271	101,109
131	Drexel U.	24,876	27,698	44,465	69,548	76,120	88,049	96,687	96,575
132	U. ME	54,821	64,070	62,149	68,923	81,216	75,066	93,153	96,135
133	U. NV, Reno	56,248	59,229	66,721	80,553	83,552	95,579	98,917	95,809
134	FL International U.	34,649	44,291	47,654	52,175	63,545	76,678	63,567	90,903
135	NJ Institute of Technology	47,895	62,747	69,138	73,664	74,998	76,920	77,583	88,699
136	Temple U.	52,466	60,182	63,850	71,327	76,055	83,062	79,736	85,394
137	Rush U.	68,189	70,219	79,394	89,196	89,254	83,693	83,194	84,370
138	NM Institute of Mining and Technology	23,636	28,392	36,309	37,186	38,476	56,134 i	73,792	83,742
139	U. ID	61,347	67,496	76,758	85,213	93,246	91,009	86,863	83,390
140	U. WY	43,094	41,632	41,632 e	60,054	60,054 e	83,449	89,414	79,700
141	TX A&M U. System Health Science Ctr.	25,736	40,859	49,636	55,031	64,170	73,162	76,109	77,957
142	U. of Notre Dame	34,524	46,096	52,371	59,803	74,255	71,266	78,553	77,467
143	Rensselaer Polytechnic Institute	40,762	45,010	45,955	50,777	56,907	65,571	70,576	77,238
144	U. RI	48,135	50,835	53,347	61,818	60,947	60,252	70,696	76,237
145	U. Dayton	39,345	41,343	46,554	52,943	63,734	67,445	69,080	74,005
146	U. Houston	48,902	51,567	59,707	63,455	60,962	80,731	75,662	73,542
147	Northeastern U.	35,340	34,467	38,540	42,931	47,283	63,514	66,495	71,502
148	Uniformed Services U. of the Health Sciences	23,987	23,247	28,630	30,604	89,999	78,694	67,716	71,307
149	U. AL Huntsville, The	41,274	43,731	48,353	46,595	49,259	54,601	59,231	70,027
150	Rice U.	41,840	42,675	48,169	52,367	60,872	63,102	66,564	69,772
151	U. MD Baltimore County	26,044	29,641	36,323	42,906	49,403	58,467	65,718	66,968
152	San Diego State U.	55,002	58,332	64,302	67,053	66,710	73,887	73,777	65,810
153	Southern IL U. Carbondale	36,354	43,207	53,604	53,018	53,953	57,434	74,520	64,703
154	Naval Postgraduate School	40,827 i	47,559 i	54,291 i	61,025	56,184 i	51,343	56,780	63,392
155	U. ND all campuses	17,343	19,692	33,973	41,803	49,595	46,798	56,074	63,036

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
156	U. MD Biotechnology Institute	29,946	41,627	43,673	45,140	47,725	56,135	59,297	61,757
157	U. OR	35,934	36,881	43,723	44,604	51,956	52,657	57,153	61,694
158	Medical C. GA	45,596	52,191	51,705	56,398	58,808	67,278	61,174	60,001
159	George Mason U.	26,793	32,881	38,849	44,980	46,210	42,630	50,381	58,252
160	TX Tech U.	66,263	69,918	82,785	92,515	57,592	56,623	58,591	57,878
161	Brandeis U.	47,658	52,818	47,122	50,841	51,498	54,136	57,017	56,831
162	U. MT-Missoula, The	29,590	33,535	39,367	43,562	51,078	54,685	52,903	55,755
163	MI Technological U.	27,204	29,613	30,005	30,264	35,670	40,188	43,081	55,294
164	St. Louis U. all campuses	31,002	32,442	35,444	41,189	41,189 e	47,356	48,133	54,265
165	U. NV, Las Vegas	24,215	27,008	30,527	42,205	45,429	48,343	57,031	53,049
166	U. Toledo	13,694	16,278	24,825	24,123	27,708	32,351	30,493	52,448
167	Old Dominion U.	25,058	24,659	29,223	30,324	34,819	47,006	49,966	52,134
168	Charles R. Drew U. of Medicine and Science	31,045	36,717	48,839	49,888	51,994	43,231	47,188	52,118
169	U. LA Lafayette	32,692	32,073	47,796	43,769	55,218	44,620	47,308	52,075
170	GA State U.	36,600	38,960	44,564	45,653	45,415	50,262	52,690	51,387
171	C. of William and Mary all campuses	33,299	35,829	39,858	43,974	49,420	50,146	52,025	49,854
172	Wright State U. all campuses	29,092	32,033	30,962	34,860	38,052	40,328	47,711	49,713
173	Wichita State U.	16,213	16,142	18,842	22,401	29,948	32,726	31,873	47,398
174	U. Southern MS	17,706	20,286	25,685	35,049	35,908	37,881	39,163	47,135
175	U. TX Dallas	15,684	15,684 e	26,198	30,748	31,274	43,111	44,198	46,477
176	U. Memphis, The	27,381	29,445	33,625	38,728	44,120	49,961	43,715	44,359
177	U. MD Ctr. for Environmental Science	31,605	36,635	38,501	38,344	39,631	41,022	40,146	40,720
178	Desert Research Institute	25,691	29,697	29,465	31,757	34,783	34,570	38,511	40,238
179	U. WI Milwaukee	20,010	23,492	24,933	27,259	28,268	32,748	34,033	40,023
180	U. TX El Paso	20,877	21,889	23,684	27,185	25,440	26,825	32,161	39,965
181	SUNY Upstate Medical U.	17,095	17,294	22,326	25,931	32,090	34,931	37,181	39,699
182	Boston C.	27,767	30,768	31,754	32,158	32,158 e	31,588	35,659	39,261
183	SD State U.	16,784	19,717	20,085	27,652	30,962	32,042	33,275	39,033
184	U. PR Medical Sciences Campus	21,373	23,913	29,089	31,124	34,092	35,809	38,424	38,863
185	OH U. all campuses	23,767	27,146	36,601	37,527	38,704	43,229	38,000	38,671
186	Howard U.	27,254	30,148	35,387	37,577	41,404	41,609	36,465	38,020
187	Jackson State U.	12,027	25,663	25,445	28,843	31,641	35,876	38,273	36,888
188	Lehigh U.	25,506	29,058	22,687	29,211	32,048	36,709	33,469	36,537
189	Syracuse U. all campuses	40,063	42,476	45,870	48,846	58,276	62,020	36,100	36,396
190	U. AL, The	31,847	33,133	37,130	34,187	35,132	34,531	35,129	36,382
191	SUNY Binghamton	18,661	18,992	21,343	23,090	25,405	25,769	29,635	35,462
192	Loyola U. Chicago	30,034	37,156	37,607	37,581	36,134	40,551	37,669	34,940
193	U. MA Lowell	19,334	20,656	22,827	22,783	22,163	23,852	27,635	34,824
194	U. Southern ME	1,366 e	4,479 i	7,592 i	10,705 i	13,818 i	16,931 i	20,045	34,799

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
195	NY Medical C.	23,348	24,283	25,222	30,492	33,521	32,460	34,397	34,365
196	San Jose State U.	21,005 e	22,709	25,003	28,323	29,268	32,886	34,687	34,241
197	Meharry Medical C.	9,460 e	14,984 i	20,508	25,427	27,507	29,105	32,878	33,218
198	CUNY The City C.	17,059	17,099	17,103	17,712	25,947	28,992	30,316	32,840
199	U. TX Arlington	10,723	17,486	15,097	15,102	19,003	28,971	29,267	32,734
200	Eastern VA Medical School	23,299	26,250	28,572	32,801	33,798	33,721	33,013	31,453
201	U. TX San Antonio	10,292	11,331	11,115	13,654	15,738	22,429	30,259	30,542
202	U. MO-Rolla	25,968	28,799	32,222	35,999	41,242	38,337	37,384	30,395
203	CO School of Mines	21,795	23,654	26,515	29,162	27,087	26,499	28,729	29,939
204	SUNY Health Science Ctr. Brooklyn	31,626	31,626 e	31,153 i	30,680 i	30,207 i	29,732	31,064	29,809
205	Creighton U.	15,841	17,674	18,982	24,116	25,451	27,022	25,615	28,374
206	U. North TX Health Science Ctr. Ft. Worth	10,131	11,035	12,893	15,388	18,520	22,325	25,124	28,187
207	Loma Linda U.	24,369	24,183 i	23,996	26,296	29,651	29,898	32,451	28,020
208	Morehouse School of Medicine	16,889	19,670	23,956	27,154	33,317	30,652	28,378	27,886
209	U. Akron all campuses	19,495	22,266	28,080	27,953	27,488	26,888	28,440	27,138
210	CUNY Hunter C.	15,047	19,964	25,905	32,704	34,931	33,024	31,308	27,046
211	Southern IL U. Edwardsville	1,344	1,270	14,043	17,100	18,973	20,883	23,737	26,904
212	U. MO-Kansas City	19,647	18,795	24,060	31,104	31,968	30,780	26,016	26,870
213	FL Atlantic U.	19,535	25,111	23,995	25,946	23,767	27,388	28,896	26,769
214	Brigham Young U. all campuses	17,237	19,171	21,228	22,557	23,565	23,961	25,973	26,653
215	Northern AZ U.	12,570	14,657	17,263	17,446	19,967	22,870	27,632	26,566
216	Portland State U.	16,494	16,838	17,683	21,433	21,433 e	28,940	28,763	26,025
217	U. MA Boston	12,058	11,672	13,121	15,793	15,460	18,148	21,056	25,952
218	U. South AL	9,865	9,865 e	17,692	19,371	20,096	19,431	19,308	25,883
219	Stevens Institute of Technology	15,879	13,855	13,855 e	18,334 i	22,814	22,997	25,848	25,684
220	NC Agricultural and Technical State U.	13,400	15,629	15,353	17,304	19,534	22,936	23,698	24,044
221	Hampton U.	9,323	9,158	11,067	18,673	31,645	42,969	28,705	24,017
222	SUNY C. of Environmental Science and Forestry	26,663	27,854	26,337	26,783	19,419 i	12,054	17,954 i	23,854
223	Miami U. all campuses	10,674	12,804	13,279	13,727	15,377	18,026	19,229	23,729
224	IL Institute of Technology	13,734	14,722	19,909	25,744	22,948	25,498	22,646	22,955
225	Marshall U.	6,231	7,218	11,285	15,070	20,221	22,321	18,385	22,519
226	U. NC Charlotte	7,790	7,905	8,773	12,599	17,425	16,042	18,463	22,165
227	U. SD	4,742	5,546	8,368	11,148	15,523	18,681	22,613	21,473
228	U. PR Rio Piedras Campus	9,308	10,341	9,736	11,473	12,417	20,546	21,609	21,379
229	TX Tech U. Health Science Ctr.	NA	NA	NA	NA	19,827	18,697	22,013	21,006
230	Rochester Institute of Technology	4,755	11,416	13,500	17,197	19,423	21,068	22,107	20,961
231	San Francisco State U.	5,223 e	5,223 e	14	12,500	42,903	23,655	27,333	20,069
232	Catholic U. America, The	9,329	17,539	22,883	24,475	23,610	21,489	17,662	19,919
233	ID State U.	8,899	8,847	10,119	12,243	14,385	19,700	16,754	19,887

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
234	U. PR Mayaguez Campus	34,683	18,627	19,939	20,029	16,686	20,492	21,080	19,813
235	U. MA Dartmouth	6,905	9,488	15,030	16,476	18,074	19,452	19,171	19,538
236	Kent State U. all campuses	10,817	11,316	12,868	14,549	12,712	11,045	11,076	19,001
237	Mercer U. all campuses	18,138	15,337	12,998	14,996	18,437	20,042	19,529	18,096
238	U. of the VI	3,310 e	8,645 i	13,981	15,762	17,874	16,735	17,495	17,842
239	Western MI U.	14,230	14,976	19,023	21,571	13,912	17,518	18,005	17,182
240	U. NC Wilmington	7,859	10,307	14,568	12,762	14,381	20,617	13,609	17,064
241	Clarkson U.	7,751	8,322	8,322 e	7,466	14,703	13,826	16,143	16,976
242	Air Force Institute of Technology	7,771	8,311	9,243	12,454	13,001	14,666	18,783	16,801
243	Northern IL U.	7,431	9,028	10,366	12,368	11,687	11,239	16,627	16,710
244	FL A&M U.	21,612	23,865	31,147	23,503	31,408	26,400	34,293	16,541
245	East Carolina U.	8,461	10,535	11,513	12,520	13,296	14,240	14,061	15,970
246	Cleveland State U.	10,214	12,986	13,855	14,112	16,888	15,884	14,496	15,948
247	Albany Medical C.	11,522	12,836	13,104	13,394	15,562	15,465	16,227	15,029
248	U. Tulsa	10,054	12,553	11,603	11,527	15,375	12,740	12,358	14,735
249	CA State Polytechnic U. San Luis Obispo	12,133	12,193	14,002	13,598	9,417	11,235	12,529	14,517
250	U.S. Air Force Academy	4,551	5,323	25,589	27,198	29,998	29,438	10,547	14,504
251	SD School of Mines and Technology	5,743	6,922	9,692	10,853	10,626	13,347	12,589	14,480
252	Tuskegee U.	8,893	9,539	9,965	10,067	11,519	10,966	11,651	14,329
253	Polytechnic U.	15,500	8,277	10,915	11,271 i	11,627	15,295	14,479	14,216
254	U. North TX	9,108	14,224	13,227	13,990	11,958	12,617	14,819	14,207
255	LA Tech U.	10,228	9,986	12,110	15,055	16,118	15,832	15,276	14,166
256	CA State U. Long Beach	32,551	3,995	8,026	13,732	9,877	9,594	10,322	13,867
257	TX A&M U. Kingsville	7,404	6,919	8,208	10,203	11,102	13,389	13,343	13,794
258	AL A&M U.	8,238	11,977 i	15,717	36,856	17,429	16,075	14,431	13,672
259	Worcester Polytechnic Institute	10,315	9,348	10,493	12,357	14,045	14,679	14,483	13,409
260	Southern Methodist U.	9,713	8,948	9,774	9,890	10,432	11,839	12,475	13,381
261	Teachers C. Columbia U.	8,561	9,676	10,409	9,603	9,684	10,669	11,411	12,585
262	TN State U.	11,285	12,791	15,262	14,306	15,255	14,669	14,096	12,475
263	CA State U. Northridge	6,190	6,190 e	10,619	11,638	10,305	8,767	7,490	12,412
264	TN Technological U.	8,878	9,347	9,823	9,609	8,779	9,312	9,575	12,226
265	Rosalind Franklin U. of Medicine and Science	7,587	8,037	8,645	9,923	10,614	11,920	10,981	12,199
266	Prairie View A&M U.	9,464	11,297	10,444	11,193	10,989	11,810	11,444	12,019
267	TX A&M U. Corpus Christi	5,999	5,606	9,124	10,281	12,266	8,845	12,654	11,933
268	Morgan State U.	4,371	2,390	1,674	7,493	8,580	9,544	13,523	11,257
269	Boise State U.	3,480	6,153	6,446	7,583	9,126	9,162	7,848	10,947
270	U. CA, Merced	na	na	na	na	na	4,468	7,527	10,945
271	U. MO-St. Louis	9,898	10,084	11,519	12,819	12,429	12,056	11,713	10,907
272	Villanova U.	5,280	5,380 i	5,481 e	6,479 i	7,477 i	8,475 i	9,473 i	10,473

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
273	Western KY U.	3,770	4,165	5,281	4,263	5,729	6,607	8,701	10,402
274	CA State U. Los Angeles	9,062	5,557	7,933	7,073	8,728	10,130	8,956	10,053
275	U. Denver	8,383	12,944	10,539	9,949	12,500	11,716	10,581	9,833
276	Marquette U.	7,653	7,236	9,807	11,385	9,652	10,338	10,445	9,744
277	U. AR Little Rock	3,400 e	2,088	2,088 e	24,284	4,127	4,345	9,331	9,683 i
278	Universidad Central del Caribe	5,677	6,943	7,103	8,274	9,797	9,181	8,790	9,446
279	Southwest MO State U.	1,324 e	1,550	1,888	1,423	2,935	6,367	5,188	9,320
280	CUNY Queens C.	3,827	4,595	6,718	6,430	6,819	6,876	7,432	9,186
281	Tarleton State U.	3,872	6,607	7,871	8,534	7,194	8,512	8,069	9,151
282	Bowling Green State U. all campuses	3,454 e	5,028	5,327	7,336	8,271	9,746	9,912	9,120
283	Ponce School of Medicine	3,403	3,842	4,365	7,491	10,140	7,840	7,654	9,103
284	Alcorn State U.	8,034	7,370	5,809	7,619	7,622	6,256	6,593	9,056
285	Baylor U.	3,307	2,698	3,868	4,203	5,242	6,364	6,133	8,951
286	Oakland U.	6,422 e	7,397	6,869	6,175	6,616	6,505	9,169	8,872
287	Duquesne U.	2,662	5,003	5,955	6,848	8,082	8,096	8,345	8,850
288	Clark Atlanta U.	16,891	17,173	17,194	12,760	13,576	12,790	11,155	8,543
289	CA State U. San Bernardino	1,797	1,906	3,740	7,576	8,755	8,905	11,120	8,323
290	VA State U.	4,422	5,066	7,144	7,209	5,953	5,048	8,189	8,170
291	U.S. Military Academy	5,148 i	5,577 i	6,006 i	6,435 i	6,864 i	7,293 i	7,722 i	8,167
292	East TN State U.	6,494	8,222	11,701	12,971	7,788	8,098	7,943	8,020
293	U.S. Naval Academy	2,786	3,140	2,324	3,451	5,985	6,623	6,850	7,973
294	Embry-Riddle Aeronautical U.	2,700 e	7,711	5,102	6,641	8,558	13,325	10,628 i	7,930
295	U. HI Hilo	NA	NA	10,841	5,317	4,978	9,596	7,843	7,926
296	Ball State U.	2,429	3,071	4,008	3,878	7,483	8,490	8,625	7,913
297	TX State U. San Marcos	4,507	8,884	8,109	7,621	9,130	7,261	7,034	7,890
298	Wesleyan U.	5,673	5,846	5,614	6,682	7,741	8,036	8,170	7,878
299	New School, The	5,209	5,791	5,791 e	3,435	5,642	5,889	6,950	7,795
300	AR State U. main campus	1,203	1,347	1,278	2,634	4,572	4,035	6,007	7,494
301	DE State U.	3,415	2,494	3,162	3,944	4,678 i	5,412	7,016	7,418
302	U. AK Anchorage all campuses	4,782 e	8,233 i	11,685 e	12,326	13,285	13,594	8,844	7,122
303	Humboldt State U.	5,557 e	5,714 i	5,871 i	6,028 i	6,185 i	6,342 i	6,500	7,087
304	U. GU	4,130	3,752	4,571	6,989	9,458	8,531 i	7,604	7,059
305	U. Central AR	1,758	2,405	2,306	3,229	3,559	3,950	7,002	7,036
306	CA State U. Monterey Bay	ne	1,911	1,911 e	2,644	3,002	4,045	4,107	7,032
307	Wheeling Jesuit U.	2,104 i	2,804 i	3,504 i	4,204 i	4,904 i	5,604 i	6,304 i	7,005
308	FL Institute of Technology	6,058	6,195	6,669	8,004	7,801	7,539	7,684	6,985
309	Stephen F. Austin State U.	5,289	4,994	5,582	4,954	3,663	4,144	8,171	6,957
310	Nova Southeastern U.	2,919	2,594	3,327	4,752	5,139	5,789	6,445	6,697
311	Norfolk State U.	3,408	3,984	4,967	4,532	6,200	6,758	5,144	6,491

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
312	Western WA U.	3,433	3,560	4,019	4,716	4,519	4,711	6,453	6,371
313	U. NC Greensboro	2,368 e	3,881	4,454	3,454	3,762	4,843	6,059	6,130
314	CA State U. Dominguez Hills	998	4,311	3,970	4,503	5,320	3,088	3,190	6,016
315	Fisk U.	3,401	2,722	3,030	3,000	5,000	6,000	6,000	6,000
316	Fordham U.	3,584	3,639	3,793	3,814	3,391	3,413	6,033	5,908
317	U. AR Pine Bluff	4,695 i	5,240	5,976	6,543	6,246	6,685	6,774	5,831
318	Southern U. and A&M C. all campuses	8,302	7,306 i	6,310 i	5,314 i	4,317	4,333 i	4,350	5,590
319	Lincoln U. (Jefferson City, MO)	2,502	2,236	3,291	2,601	2,181	2,656	5,395	5,573
320	MT Tech of the U. MT	4,155	4,616	4,797	6,155	5,952	5,947	6,372	5,537
321	Alfred U. all campuses	6,442	6,678	6,916	6,360	6,395	8,239	6,347	5,474
322	James Madison U.	1,121	1,449	2,867	4,484	5,442	5,009	4,799	5,455
323	Morehouse C.	2,853 e	2,994 i	3,135 i	3,276 i	3,417 i	3,559	6,008	5,445
324	C. Charleston	3,047	3,069	3,295	3,716	4,875	4,433	5,719	5,308
325	CA State U. Fresno	11,598	4,531	9,398	13,558	15,211	13,498	9,749	5,297
326	U. PR Humacao	ne	ne	ne	ne	3,382	3,540	4,429	5,220
327	U. TX-Pan American	1,688	2,279	2,336	2,920	3,747	4,038	5,006	5,217
328	U. NC Asheville	861	1,269	1,232	1,108	1,644	3,021	3,192	5,202
329	U. DC	2,737	3,001	4,223	4,125	4,693	4,426	5,065	5,165
330	Northeastern OH Universities C. of Medicine	4,011	4,532	4,525	4,364	5,601	5,703	5,294	4,984
331	CUNY Brooklyn C.	6,342	6,442	6,217	5,575	3,917	3,731	4,621	4,960
332	Clark U.	2,908	3,039	3,418	5,638	5,638 e	4,480	5,304	4,899
333	CUNY Herbert H. Lehman C.	1,632	2,255	2,955	3,981	3,291	4,019	4,476	4,852
334	U. West FL	6,248	7,395	8,652	15,354	7,805	9,712	4,429	4,840
335	IL State U.	4,434	3,902	3,848	3,963	4,498	5,203	4,874	4,831
336	Rowan U.	ne	ne	ne	6,011	6,177	4,944	4,581	4,772
337	U. LA Monroe	8,135 e	7,373 i	6,611 i	5,849 i	5,086	5,524	4,376	4,674
338	West TX A&M U.	1,751	4,515	5,261	4,734	3,879	3,463	4,523	4,638
339	Wellesley C.	5,313 i	5,498	5,498 e	5,733	5,714	4,252	4,032	4,634
340	Central MI U.	755 e	2,032	2,252	2,339	5,681	4,938	4,033	4,512
341	Grand Valley State U.	1,138	1,161	2,374	2,237	4,408	3,354	3,375	4,414
342	Langston U.	2,553	2,863	3,975	4,332	3,578	4,371	4,416	4,405
343	Xavier U. LA	3,425	5,113	6,413	5,515	5,585	4,784 i	3,982	4,394
344	CUNY Graduate Ctr.	739	2,906	2,391	3,068	5,106	5,943	3,913	4,380
345	NC Central U.	1,649 i	2,473 i	3,297 i	4,121 i	4,945 i	5,769 i	6,597	4,337
346	CA State U. Fullerton	5,515 i	7,398 i	9,282	5,318	4,432	4,167	4,522	4,311
347	OR Institute of Technology	ne	ne	1,025	1,752	2,378	3,018	4,047	4,155
348	U. of the Pacific	1,020	1,241	1,891	1,877	2,961	3,750	4,161	4,131
349	Williams C.	1,853 e	2,407 i	2,961	3,295	3,130	3,459	4,074	3,983
350	TX Christian U.	3,050	3,678	3,300	3,693	3,960	4,216	4,090	3,924

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
351	Bryn Mawr C.	2,791	3,066	3,502	4,705	5,664	4,400	4,254	3,881
352	U. North FL	ne	1,222	2,061	4,421	3,029	3,448	4,110	3,875
353	SC State U.	2,915	2,915 e	2,931	3,225	3,548	3,796	3,796	3,796
354	Spelman C.	2,082	3,406	3,082	2,298	2,481	2,759	3,084	3,741
355	Milwaukee School of Engineering	2,020	2,117	2,499	2,448	3,146	2,628	2,933	3,740
356	Lamar U.	3,204	3,441	4,030	4,029	3,365	3,375	3,277	3,695
357	TX Southern U.	2,182	2,468	4,189	3,088	4,088	4,641	4,299	3,688
358	St. Francis U. (Loretto, PA)	ne	ne	ne	ne	ne	4,981	4,114	3,677
359	KY State U.	2,354 i	3,996	6,188	6,395	3,298	3,044	3,340	3,548
360	Gallaudet U.	1,752	1,824	1,950	2,013	1,804	2,202	2,013	3,520
361	CA State U. East Bay	1,904 i	2,176 i	2,455	1,559	2,160	3,259	2,833	3,509
362	Smith C.	2,582	2,578	1,827	2,194	2,631	2,749	3,884	3,498
363	CUNY C. Staten Island	1,208	1,635	1,944	2,540	2,730	2,577	2,282	3,494
364	FL Gulf Coast U.	ne	ne	ne	ne	1,407	2,678	3,133	3,479
365	U. Northern IA	1,744	1,961	2,254	1,821	1,424	1,353	1,205	3,455
366	U. WI La Crosse	1,404	1,563	1,939	1,483	1,963	3,246	2,838	3,414
367	U. MD Eastern Shore	3,895	5,626	5,905	5,124	5,272	5,568	4,454	3,408
368	Rose-Hulman Institute of Technology	4,994	18,540	7,912	13,201	6,388	4,914	4,700	3,271
369	Albany C. of Pharmacy	1,360	1,208	906	894	855	2,565	2,307	3,248
370	Mt. Holyoke C.	1,835	1,734	2,644	3,174	2,877	3,179	2,563	3,127
371	Claremont Graduate U.	2,416	2,369	1,949	1,652	2,295	2,677	3,100	3,121
372	Pomona C.	1,791	1,298	2,063	1,962	1,996	2,153	2,584	3,108
373	U. WI Stevens Point	1,227	1,827	1,849	1,980	2,042	1,926	2,335	3,077
374	Sul Ross State U.	796	779	767	838	1,058	2,375	2,676	3,056
375	Eastern MI U.	4,118	2,992	3,164	4,051	3,266	5,910	3,580	3,027
376	Long Island U. all campuses	1,267	1,201	1,477	1,769	1,377	1,684	2,880	2,969 i
377	Black Hills State U.	ne	ne	ne	ne	1,184	1,566	2,628	2,935
378	St. Joseph's U.	975	1,628	2,703	2,660	3,250	3,195	3,037	2,930
379	Amherst C.	1,859	1,802	2,115	2,115 e	2,604	2,725	3,388	2,926
380	Appalachian State U.	694	752	781	986	555	1,076	2,158	2,912
381	Dillard U.	264	349	528	668	679	1,401 i	2,123 i	2,846
382	DePaul U.	863	1,628	2,389	3,086	3,748	4,321	3,957	2,839
383	CA State U. Chico	2,390	3,904	5,486	4,427	4,500 e	2,620	2,767 i	2,814 i
384	WV State U.	55 e	63 e	519 i	975 i	1,433	2,537	2,467	2,765
385	Barnard C.	1,347	1,376	1,064	1,516	1,516 e	3,068	2,742	2,764
386	La Salle U.	126	294	20	104	260	ne	243	2,758
387	Harvey Mudd C.	5,699 e	4,820 i	3,941 i	3,062 i	2,180 e	1,738	2,301	2,739
388	American U.	2,245	2,565	4,420	2,517	1,745	1,542	2,410	2,713
389	NY Institute of Technology all campuses	390	571	380	1,928 i	3,476	3,505	3,613	2,708

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
429	AL State U.	1,365 e	1,433 e	1,433	1,633	1,688	1,900	1,900	1,900
430	Elizabeth City State U.	1,558	1,248	1,058	1,103	1,044	929	703	1,892
431	Bradley U.	1,371	1,197	1,928	1,755	1,638	1,606	1,905	1,860
432	Carleton C.	1,245	1,176	1,688	1,965	1,897	2,039	1,785	1,852
433	CA State U. Bakersfield	3,703	3,703 e	4,344 i	4,985 i	5,626 i	6,268	6,379	1,833
434	Middlebury C.	1,371	1,285	1,587	1,587 e	1,647 i	1,707 i	1,767 i	1,830
435	Shaw U.	100 e	487 i	874 i	1,261	1,270	1,864	1,815	1,826
436	U. Northern CO	1,128	1,265	1,376	2,240	1,966	2,269	2,566	1,822
437	GA Southern U.	944	841	1,127	2,488	2,042	2,078	1,812	1,789
438	St. John's U. (Jamaica, NY)	1,184	1,184 e	1,313 i	1,442 i	1,571 i	1,702	1,538	1,783
439	Monmouth U.	357 e	118	85	316 i	547 i	779	1,693	1,766
440	Morehead State U.	1,107 i	1,231 i	1,355 i	1,487	1,443	2,254	1,332	1,758
441	Philadelphia C. of Osteopathic Medicine	930	935	891	836	961	973	1,034	1,754
442	Bucknell U.	1,835	1,791	1,900	2,123	1,817	1,820	2,841	1,744
443	Fayetteville State U.	507	589	311	586	166	821	632	1,743
444	SUNY C. Geneseo	686	644	682	1,366	862	951	1,036	1,743
445	Santa Clara U.	2,509 i	2,723 i	3,024 i	3,364 i	ne	1,632 i	1,684 i	1,736 i
446	IN State U. all campuses	4,196	1,504	1,220	1,369	1,680	1,473	2,271	1,697
447	SUNY C. Old Westbury	1,310	1,310 e	1,214	1,295	1,326	1,565	1,765	1,682
448	Tougaloo C.	895	1,007	898 i	789 i	680 i	571 i	461	1,675
449	Occidental C.	826	1,543	2,503	2,633	2,371 i	2,109	1,449	1,652
450	Southeastern LA U.	1,057	645	836	900	1,681	1,714	2,150	1,650
451	TX A&M U. Commerce	327	262	263	303	267	608	858	1,616
452	Benedict C.	1,143	1,044	1,061	1,071	1,035	1,494	1,314	1,604
453	Loyola Marymount U.	ne	ne	ne	674	736	621	1,599	1,597
454	PA C. of Optometry	581	800	992	1,226	1,509	1,149	1,642	1,587
455	Northern KY U.	115	142 i	169	434	876	1,368	1,820	1,584
456	Dowling C.	ne	ne	ne	ne	ne	ne	ne	1,566
457	Western IL U.	8,489	7,759	7,042	1,350	1,404	1,190	1,154	1,485
458	Lafayette C.	665	1,008	1,344	2,065	1,806	1,610	1,612	1,472
459	Swarthmore C.	996 e	966	1,574	1,717	2,200	1,992	2,385	1,449
460	U. of the Sciences Philadelphia	532	573	833	453	544	704	1,260	1,449
461	Ithaca C.	2,565	2,034	2,513	2,187	2,152	1,814	1,657	1,434
462	Wilberforce U.	200 i	160 i	120 i	80	411 i	742 i	1,073 i	1,405
463	U. TX Tyler	ne	ne	ne	ne	ne	440	795	1,395
464	Loyola C.	1,724	954	1,140	454	935	1,729	1,551 i	1,373
465	New England C. of Optometry	1,228	1,608	2,154	2,166	2,297	1,870	1,711	1,356
466	Montclair State U.	396	766	889	1,008 i	1,128	1,511	1,693	1,341
467	Governors State U.	162 i	175 i	188 i	201 i	214 i	237	877	1,336

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
468	Albany State U.	1,393	1,972	1,987	2,178	2,619	2,091	1,455	1,331
469	Rider U.	891	884	939	912	1,276	1,096	1,287	1,330
470	U. WI Eau Claire	684	514	839	1,131	1,056	1,146	1,154	1,327
471	U. IL Springfield	910	2,025	2,324	1,324	1,491	1,208	1,083	1,321
472	SUNY C. Buffalo	1,683	1,552	1,969	2,610	2,375	1,977	1,699	1,292
473	Northwestern Health Sciences U.	ne	ne	ne	ne	ne	ne	820	1,289
474	Kansas City U. of Medicine and Biosciences	677	1,166	1,436	1,020	1,098	944	1,183	1,267
475	Trinity U.	1,241	1,241 e	474	935	1,428	1,386	1,206	1,244
476	Reed C.	716	814	1,145	1,129	1,295	1,237	1,118	1,220
477	Winona State U.	ne	ne	ne	ne	ne	ne	ne	1,216
478	U. Redlands	2,328 i	2,522 i	2,728	1,848	2,038	1,413	1,172	1,206
479	SUNY C. Plattsburgh	996	1,118	1,061	1,494	1,224	1,823	1,985	1,190
480	Haverford C.	1,191	1,178	1,215	1,428	1,679	1,259	967	1,182
481	U. West GA	1,655	1,360	1,029	1,034	1,027	1,327	1,042	1,172
482	U. Baltimore	ne	ne	ne	ne	ne	7,754	7,856	1,169
483	Colby C.	392	968	2,929	1,294	995	1,241	1,482	1,131
484	Polytechnic U. PR	ne	ne	ne	ne	ne	ne	ne	1,127
485	Hampshire C.	2,658	3,152	3,224	2,754	3,051	2,723	1,145	1,118
486	Andrews U.	444	712	597	469	584	533	819	1,108
487	Towson U.	2,138	2,282	2,449	1,265	614	2,041	1,038	1,098
488	U. San Francisco	700	700 e	695 i	690	1,163	1,082	798	1,096
489	Coastal Carolina U.	1,277	1,038	1,100	940	1,260	656	1,210	1,095
490	SUNY C. Oswego	744	783	1,112	1,207	2,055	1,010	1,024	1,093
491	U. AK Southeast all campuses	682 i	771 i	868 e	1,171	968	639	720	1,087
492	NM Highlands U.	6,511	2,235	2,706	2,598	2,032	1,202	1,419	1,083
493	Dickinson C.	739	1,528	1,475	1,550	1,608	1,163	847	1,076
494	St. Olaf C.	544	453	847	710	516	643	854	1,060
495	U. WI Oshkosh	585	670	662	942	1,252	1,067	1,115	1,059
496	Lewis and Clark C.	529	420	593	622	399	479	854	1,048
497	Furman U.	793	719	1,414	1,136	1,556	1,477	1,433	1,042
498	U. WI Green Bay	543	602	900	1,122	1,739	1,416	1,328	1,031
499	CUNY Baruch C.	375	375 e	762	507	687	896	1,118	1,030
500	SUNY C. Brockport	722	722 e	739 i	757	755	659	839	1,025
501	Bates C.	598	940	1,217	1,340	1,006	1,077	1,549	1,020
502	CT C.	696 i	828 i	960 i	1,092 i	1,224 i	1,358	1,127	1,020
503	U.S. Coast Guard Academy	405	468	1,128	1,166	866	660	542	1,020
504	Northeastern IL U.	184	274	216	168	206	227	239	1,005
505	U. TX of the Permian Basin	ne	ne	ne	ne	ne	ne	ne	995
506	C. of the Holy Cross	371	664	532	490	683	505	1,254	987

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
507	MN State U. Mankato	607	751	1,054	768	929	549	880	964
508	Trinity C. (Hartford, CT)	1,010	1,010 e	464	856	768	1,215	593	951
509	C. Wooster	593	286	362	413	281 e	570	966	944
510	Claflin U.	555 e	2,074	203	293	255	222	930	929 i
511	Nicholls State U.	504	687	820	690	1,075	1,475	1,121	922
512	Sinte Gleska U.	ne	ne	ne	ne	ne	732	793	913
513	Western U. of Health Sciences	332 i	369	1,132	1,005	1,330	946	1,575	909
514	U. Portland	552	719	639	543	634	477	801	887
515	Eastern IL U.	0 e	126 i	252 i	378 i	504 i	630 i	756 i	885
516	Southern OR U.	301	200	585	741	836	1,015	760	875
517	Roger Williams U. Bristol	ne	ne	ne	ne	352	849	1,050	867
518	IL Wesleyan U.	ne	ne	ne	ne	ne	322	339	856
519	Davidson C.	290 i	291 i	292 i	293 i	294 i	295 i	296	852
520	U. Houston-Clear Lake	7,091	11,519	8,362	1,224	754	743	789	851
521	Philadelphia U.	ne	ne	ne	ne	ne	227 i	858	848
522	MT State U. Billings	ne	ne	ne	ne	ne	694 i	919	846
523	MS Valley State U.	834	1,316	1,030	636	493	606	794	844
524	Seattle U.	504 i	563 i	622 i	681 i	744	764	800 i	837 i
525	A.T. Still U. of Health Sciences	816	907	1,134	691	839	1,206	1,439	826
526	Augustana C. (Sioux Falls, SD)	320 i	313 i	304	324	288	644	892	807
527	Des Moines U.	417	767	767 e	676	676 e	787 i	899	796
528	Pacific U.	264	299	157	823	622 i	421	402	793
529	Allegheny C.	318	1,023	1,306	974	1,007	751	638	787
530	Grinnell C.	1,500	560	1,098	977	964	1,079	699	787
531	Fuller Theological Seminary CA	80 e	298 i	516 i	734 i	952 i	1,174	729	780
532	Oberlin C.	691	325	439	471	381	1,059	810	773
533	Mercyhurst C.	ne	ne	ne	ne	ne	ne	819	767
534	Valparaiso U.	725	391	349	356	551	488	699	763
535	West Chester U. PA	794	794 e	1,115	883	1,956	457	244	762
536	Millersville U. PA	496 i	531 i	566 i	601 i	636 i	671 i	706 i	753
537	Evergreen State C.	766	487	441	511	354	647	548	739
538	Skidmore C.	314	250	519	632	785	1,138	772	726
539	Pace U. all campuses	289	378	425	425 e	1,099	1,053	566	718
540	Christopher Newport U.	ne	ne	ne	2,055	2,029	1,941	789	709
541	Chapman U.	373	460	1,068	1,016	965	839	833	706
542	C. NJ, The	ne	ne	2,686	2,313 i	1,940 i	1,567 i	1,193	688
543	Hofstra U.	787	661	661 e	678 i	695 i	712 i	730	687
544	Hobart and William Smith Colleges	ne	ne	ne	ne	ne	ne	ne	685
545	Saginaw Valley State U.	767 i	679 i	591	442	332	350	443	680

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
546	Angelo State U.	ne	ne	ne	ne	ne	ne	677	678
547	Claremont McKenna C.	ne	ne	ne	ne	ne	ne	ne	678 i
548	Augsburg C.	337	497	655	734	493	606	579	676
549	U. San Diego	545	240	2,686	1,046	895	1,683	499	667
550	VA Military Institute	470	613	695	904	543	662	815	659
551	Bridgewater State C.	585	371	473	419	258	230	495	657
552	Eastern OR U.	ne	ne	398	226	288	834	1,352	649
553	St. Mary's U. (San Antonio, TX)	287	362	293	300	512	405	183	623
554	Drake U.	468	366	1,053	1,053 e	1,255	901	966	622
555	Eastern KY U.	640	770	666	506	345	486	894	614
556	Youngstown State U.	532	849	1,259	1,398	1,831	1,382	1,308	611
557	U. Scranton	3,367 i	3,620 i	3,873	2,599	1,528	1,369	999	600
558	Vassar C.	1,716	1,716 e	1,554 i	1,392 i	1,230 i	1,068 i	902	600
559	Adelphi U.	169	137	121 i	105 i	ne	256 i	425 i	594
560	Truman State U.	665 i	576 i	487	521	588	524	672	593
561	Millsaps C.	ne	ne	ne	ne	ne	150 i	471	588
562	MA C. of Pharmacy and Health Sciences	253 i	417	392	1,043	457	574 i	691	580
563	National U. of Health Sciences	ne	ne	577	620	401	165	597	580
564	West Liberty State C.	ne	ne	ne	ne	ne	ne	508	579
565	Mills C.	ne	ne	ne	ne	ne	ne	550 i	575 i
566	Sarah Lawrence C.	ne	ne	ne	ne	ne	ne	568	566
567	Providence C.	86 e	154 i	223	223 e	286	346	432	558
568	Northeastern State U.	ne	ne	1,314	1,283	1,035 i	786	1,031	554
569	Simmons C.	912	710	872	978	892	433	442	551
570	Kennesaw State U.	249	298	221	300	374	477	361	548
571	Pacific Lutheran U.	241 i	284 i	327 i	370 i	413 i	456 i	499 i	547
572	U. WI Platteville	171 i	226 i	281 i	336 i	391 i	447	605	540
573	U. of St. Thomas (St. Paul, MN)	143 i	209	243	192	281	324	368	536
574	Daemen C.	ne	ne	ne	ne	ne	ne	ne	529
575	Manhattan C.	509	509 e	257	257 e	381 i	505	504	527 i
576	Central CT State U.	218	259	283	355	388	812	573	523
577	Jacksonville State U.	ne	ne	ne	ne	ne	1,089	1,470	523
578	Mt. St. Mary's C. (Los Angeles, CA)	ne	ne	ne	ne	492	570	581	515
579	CUNY Medgar Evers C.	291	756	992	670	568	707	636	512
580	Muhlenberg C.	ne	ne	ne	ne	ne	230	326	511
581	Northern MI U.	328 i	352 i	376 i	400 i	424 i	448 i	472 i	500
582	SUNY C. Cortland	362	378	353	446	392	563	487	480
583	U. Detroit Mercy	1,767	1,236	746	548	548 e	507 i	466	480 i
584	Ursinus C.	ne	ne	ne	ne	ne	ne	562	472

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
585	Jacksonville U.	ne	ne	ne	ne	ne	ne	337	466
586	U. Puget Sound	319 i	335 i	351 i	367 i	398	319	431	453
587	Lincoln U. (Lincoln University, PA)	709	620	718	704	526	526	606	450
588	Siena C.	ne	ne	ne	ne	ne	ne	447 i	447 i
589	Coe C.	0 i	ne	ne	ne	ne	ne	ne	445
590	Wabash C.	ne	ne	ne	ne	454	464	265	445
591	Rhodes C.	278 i	279 i	280 i	281 i	282 i	286	400	432
592	Grambling State U.	2,264	2,264 e	2,452	2,218	1,934	1,784	567	428
593	Sweet Briar C.	ne	ne	ne	ne	ne	ne	ne	428
594	Gettysburg C.	ne	ne	ne	ne	ne	688	454	427
595	Carlos Albizu U. (San Juan, PR)	ne	ne	ne	ne	ne	ne	497	418
596	Universidad del Turabo	ne	ne	ne	ne	ne	150 i	864	417
597	St. Mary's C. MD	447	251	274	335	322	459	417	415
598	U. PR Cayey	ne	ne	ne	ne	ne	ne	ne	411
599	Indiana U. PA all campuses	731	756	794	841	2,368	684	368	410
600	Loyola U. New Orleans	432 i	459 i	486 i	513 i	540 i	567	372	408
601	Sonoma State U.	150	736	341	493	260	650	637	408
602	Universidad del Este	ne	ne	ne	ne	ne	ne	432	407
603	U. Central OK	509	795	810	180	157	216	841	406
604	LeTourneau U.	ne	ne	ne	ne	ne	ne	ne	405
605	Roanoke C.	ne	ne	ne	476	554	518	741	402
606	Bluefield State C.	0	0	0	54	156	359	356	401
607	Mercy C.	ne	ne	ne	ne	ne	339 i	618	401
608	Lake Forest C.	399	375	283	271	561	242	291	386
609	Willamette U.	266	344	254	276	228	154	375	377
610	OH Wesleyan U.	255 e	269 i	284	284 e	371 i	459	396	376
611	Hendrix C.	430 i	480 i	530 i	580 i	631	550	685	375
612	Northwestern State U.	394 i	405 i	416 i	427 i	438 i	449 i	460	371
613	Southeastern OK State U.	ne	ne	ne	231	383	485	487	360
614	U. WI Stout	1,236	1,070	1,358	1,437	1,144	415	332	360
615	Point Loma Nazarene C.	165	186	102	155 i	208 i	261	376	358
616	U. New Haven	198 e	1,492	1,492 e	1,100 i	708 i	314	ne	353
617	WV School of Osteopathic Medicine	132	129	182	188	245	270	266	349
618	Juniata C.	168	171 e	283	530	898	721	289	332
619	U. NC Pembroke	ne	ne	ne	ne	ne	ne	258	329
620	Washington and Lee U.	446 i	455 i	464 i	473 i	482 i	501	402	329
621	AR Tech U.	419	526	526 e	684 i	842	299	292	327 i
622	Western CT State U.	ne	ne	ne	ne	ne	ne	ne	324
623	Denison U.	328	384	373	546	415	395 i	375	321

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
624	SUNY Fredonia	194	224	235	271	193	175	262	318
625	McNeese State U.	639	471	709	743	834	614	392	316
626	Lawrence U.	439 i	444 i	449 i	454 i	459 i	464 i	474	301
627	Southern Polytechnic State U.	ne	ne	ne	ne	ne	ne	ne	300
628	Wilkes U.	ne	ne	95	427	300	ne	231	300
629	Whitman C.	483	469	278	619	714	595	416	299
630	John Carroll U.	1,072 e	515	823	442	478	506	474	298
631	U. WI River Falls	152	288	332	331	345	345	434	287
632	Maharishi U. of Management	1,632	1,612	3,112	2,541	2,541 e	492	499	280
633	Bard C.	ne	ne	ne	ne	ne	173 i	ne	278 i
634	Cheyney U. PA	152 i	171 i	190 i	209 i	228 i	247 i	278	274
635	Abilene Christian U.	252	319	254	231	229	233	241	269
636	Pitzer C.	383	322	287	343	320	205	269	268
637	Southwestern OK State U.	ne	ne	ne	ne	ne	ne	ne	266
638	Universidad Metropolitana	ne	ne	ne	ne	ne	2,677 i	298	248
639	Troy U. main campus	ne	ne	ne	ne	ne	ne	246	246
640	Ft. Lewis C.	191	314	286	231	227	519	770	243
641	Berry C.	ne	ne	ne	ne	ne	ne	240	240 i
642	Kalamazoo C.	357 i	396 i	435 i	474 i	519	422	364	239
643	Mayville State U.	ne	ne	ne	ne	ne	185	243	224
644	U. WI Whitewater	272	260	236	224	341	305	247	223
645	DePauw U.	ne	ne	ne	ne	199 i	201 i	211 i	221 i
646	U. WI Parkside	362	575	769	559	608	577	378	218
647	Goucher C.	120 i	121 i	122 i	123 i	ne	ne	ne	217
648	Augustana C. (Rock Island, IL)	118 i	148 i	178 i	212	599	300	212	212 i
649	Heritage U. (Toppenish, WA)	ne	ne	ne	ne	ne	266	254	210
650	Miles C.	ne	ne	8,785	0	ne	ne	ne	197
651	U. of the South	ne	ne	ne	ne	ne	349	186	190
652	CA State U. Sacramento	362 i	337 i	312 i	287 i	262 i	237 i	212 i	183
653	U. Houston-Downtown	837	837 e	1,054	661	627	329	509	175
654	Gustavus Adolphus C.	143	284 i	425 i	566 i	707	487	463	173
655	Cooper Union	284	501	427	502	150	173	ne	171
656	Canisius C.	212 i	248 i	284 i	320 i	356 i	392 i	434	163
657	Southern U. New Orleans	183	680	937	587	556	592	592	154
658	CO State U. Pueblo	724	753	597	628	786	663	586	151
659	Edward Waters C.	ne	ne	ne	ne	ne	ne	ne	150 i
660	Fairleigh Dickinson U. all campuses	158	223	190	286	ne	ne	ne	150 i

TABLE 29. R&D expenditures at universities and colleges, ranked by FY 2007 R&D expenditures: FY 2000–07

(Dollars in thousands)

Rank	Institution	2000	2001	2002	2003	2004	2005	2006	2007
661	Seattle Pacific U.	ne	ne	ne	ne	ne	ne	ne	150 i
662	William Paterson U. NJ	ne	ne	ne	ne	ne	ne	ne	150 i
	All other surveyed institutions	105,961	96,370	80,702	44,856	26,406	26,075	24,676	0

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

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$777,813 in total R&D expenditures in FY 2007.

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 2007.