

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
	All institutions	16,651,696	8,925,895	1,820,757	1,007,290	3,962,409	935,345
1	MA Institute of Technology	659,626	495,008	802	87,220	10,586	66,010
2	U. CA, Berkeley	591,770	249,163	43,969	41,568	168,035	89,035
3	TX A&M U.	582,365	245,607	124,139	43,421	157,163	12,035
4	U. TX M. D. Anderson Cancer Ctr.	558,503	194,889	149,429	40,625	100,042	73,518
5	GA Institute of Technology all campuses	522,136	281,184	15,517	55,592	168,333	1,510
6	U. IL Urbana-Champaign	501,279	266,912	36,930	20,722	161,848	14,867
7	U. TX Austin	493,294	324,287	20,318	42,513	80,872	25,304
8	Purdue U. all campuses	429,988	176,592	50,145	63,843	137,708	1,700
9	U. MD College Park	395,037	236,417	26,148	11,140	109,100	12,232
10	VA Polytechnic Institute and State U.	373,281	135,578	100,311	20,475	96,331	20,586
11	NC State U.	366,137	131,412	113,385	41,311	79,840	189
12	Scripps Research Institute, The	366,047	265,657	1,610	22,811	55,827	20,142
13	U. GA	350,299	102,817	43,312	5,001	188,166	11,003
14	Rutgers, The State U. NJ all campuses	323,404	140,399	36,474	12,216	102,424	31,891
15	CO State U.	295,235	208,925	12,860	18,068	43,938	11,444
16	WA State U.	276,806	97,668	48,653	6,923	110,854	12,708
17	CA Institute of Technology	272,881	243,624	1,979	5,340	6,771	15,167
18	SUNY Albany	270,414	108,747	56,121	25,560	45,761	34,225
19	AZ State U.	259,503	125,558	22,856	16,126	84,065	10,898
20	Rockefeller U.	247,505	81,557	242	2,060	147,196	16,450
21	IA State U.	224,368	102,771	44,000	13,373	56,908	7,316
22	MS State U.	210,951	105,327	34,178	8,525	62,921	0
23	Carnegie Mellon U.	210,619	170,978	3,633	15,274	13,900	6,834
24	U. CA, Santa Barbara	203,719	111,601	4,184	15,542	41,024	31,368
25	Clemson U.	195,195	56,535	24,188	13,573	97,131	3,768
26	Princeton U.	194,757	125,102	1,459	5,746	51,947	10,503
27	OR State U.	188,056	113,614	37,823	3,373	29,928	3,318
28	U. MA Amherst	152,884	79,736	4,699	8,182	49,556	10,711
29	Woods Hole Oceanographic Institution	150,720	117,587	427	2,744	12,543	17,419
30	Auburn U. all campuses	146,984	54,748	2,719	3,841	81,243	4,433
31	UT State U.	146,128	88,884	26,933	4,089	20,019	6,203
32	NM State U. main campus	138,427	86,636	17,186	1,995	30,707	1,903
33	KS State U.	137,543	52,984	41,367	3,922	31,338	7,932
34	U. CA, Santa Cruz	135,261	69,742	6,866	4,279	36,229	18,145
35	U. CA, Riverside	129,605	53,780	6,577	5,829	51,147	12,272
36	U. DE	125,179	84,628	7,318	5,058	23,003	5,172
37	OK State U. all campuses	121,226	41,051	31,776	4,372	43,072	955
38	MT State U. Bozeman	120,155	70,386	24,619	6,459	18,691	0
39	ND State U. all campuses	115,513	50,038	34,783	1,037	25,976	3,679
40	U. NH	113,877	83,769	1,509	6,074	16,422	6,103
41	U. AR main campus	102,784	31,531	46,292	7,566	15,399	1,996
42	U. AK Fairbanks all campuses	102,761	90,280	1,353	0	0	11,128
43	U. CA Office of the President	100,034	101	40,551	298	49,195	9,889
44	U. of Notre Dame	97,171	66,812	930	10,971	18,458	0
45	U. ME	95,042	40,931	10,140	3,228	39,512	1,231
46	NJ Institute of Technology	89,792	40,087	4,918	4,078	30,871	9,838
47	U. Houston	84,490	43,162	9,160	4,136	23,288	4,744
48	Naval Postgraduate School	83,314	82,302	542	415	0	55
49	U. ID	81,532	45,301	21,394	908	11,948	1,981
50	U. Dayton	81,275	64,515	9,049	4,968	2,093	650

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Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
51	NM Institute of Mining and Technology	79,437	64,322	3,665	5,990	5,197	263
52	GA State U.	77,709	26,257	22,584	677	24,721	3,470
53	U. RI	77,457	50,377	7,728	5,568	13,784	0
54	Rensselaer Polytechnic Institute	77,295	47,109	10,078	4,337	13,134	2,637
55	U. WY	74,720	28,372	5,993	1,951	37,071	1,333
56	Rice U.	74,254	54,959	465	2,470	9,026	7,334
57	George Mason U.	72,542	50,392	5,513	835	10,844	4,958
58	San Diego State U.	69,974	36,267	8,058	889	17,863	6,897
59	U. OR	67,378	55,190	911	1,434	6,274	3,569
60	U. MD Baltimore County	66,802	50,561	1,719	951	12,134	1,437
61	Old Dominion U.	66,538	28,298	5,335	3,757	29,148	0
62	U. AL Huntsville, The	65,396	47,068	789	1,868	9,132	6,539
63	Northeastern U.	59,911	36,497	1,618	12,296	9,500	0
64	U. TX Dallas	59,300	21,383	18,040	5,969	6,667	7,241
65	SUNY Binghamton	59,017	14,402	8,207	3,274	27,662	5,472
66	MI Technological U.	58,763	29,868	617	4,893	22,730	655
67	U. LA Lafayette	58,667	12,426	10,370	0	19,681	16,190
68	U. MT-Missoula, The	58,032	34,407	2,535	1,079	15,857	4,154
69	TX Tech U.	57,902	19,698	16,840	3,970	13,336	4,058
70	C. of William and Mary all campuses	55,090	25,645	3,830	1,360	19,859	4,396
71	U. NV, Las Vegas	50,775	41,505	3,313	943	5,014	0
72	Brandeis U.	49,797	38,204	0	0	2,126	9,467
73	U. TX El Paso	48,906	26,902	1,348	3,495	17,161	0
74	Wichita State U.	47,853	13,485	5,115	3,507	24,859	887
75	SD State U.	47,758	20,912	13,637	2,339	1,243	9,627
76	U. Southern MS	47,088	42,540	947	2,254	422	925
77	U.S. Air Force Academy	44,297	43,787	0	510	0	0
78	U. MD Biotechnology Institute	43,213	17,952	1,471	334	22,873	583
79	U. Memphis, The	43,183	15,393	3,408	493	22,715	1,174
80	U. TX Arlington	43,005	20,721	1,606	6,334	14,344	0
81	Jackson State U.	42,739	35,221	0	2,063	5,455	0
82	FL Atlantic U.	41,788	17,642	3,587	1,106	16,637	2,816
83	U. WI Milwaukee	41,285	16,895	6,014	592	15,145	2,639
84	Boston C.	40,796	21,099	957	887	8,111	9,742
85	U. MD Ctr. for Environmental Science	40,556	12,019	4,117	0	20,341	4,079
86	San Jose State U.	38,521	22,173	12,435	593	1,319	2,001
87	Syracuse U. all campuses	38,455	24,207	4,047	1,757	6,691	1,753
88	OH U. all campuses	38,108	18,204	1,948	3,791	12,726	1,439
89	Desert Research Institute	38,045	30,703	2,971	664	1,659	2,048
90	Lehigh U.	37,156	22,044	8,752	2,100	3,616	644
91	U. MA Lowell	36,486	22,406	1,088	6,299	6,693	0
92	U. MO-Rolla	36,477	22,353	41	2,850	9,414	1,819
93	CUNY The City C.	34,452	21,739	3,115	3,018	3,595	2,985
94	CO School of Mines	34,050	20,072	385	13,593	0	0
95	U. TX San Antonio	33,106	21,523	8,739	517	2,327	0
96	U. AL, The	32,846	23,394	3,791	3,394	2,267	0
97	CUNY Hunter C.	30,402	14,978	4,573	169	7,078	3,604
98	Southern IL U. Edwardsville	30,333	2,668	1,742	487	24,977	459
99	U. MA Boston	30,272	12,001	701	552	13,048	3,970
100	NC Agricultural and Technical State U.	28,781	18,405	91	218	10,067	0
101	U. North TX Health Science Ctr. Ft. Worth	28,179	19,818	821	620	5,057	1,863

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102	U. Southern ME	27,232	15,138	1,652	159	10,283	0
103	U. Akron all campuses	27,182	9,272	1,972	3,247	10,028	2,663
104	Portland State U.	27,007	18,743	1,809	642	3,625	2,188
105	SUNY C. of Environmental Science and Forestry	26,359	9,239	1,346	1,007	13,421	1,346
106	Northern AZ U.	25,820	13,298	3,819	3,480	5,223	0
107	Stevens Institute of Technology	25,743	22,182	724	2,267	570	0
108	Brigham Young U. all campuses	25,664	17,128	973	3,856	2,034	1,673
109	Miami U. all campuses	25,052	10,872	2,069	398	10,967	746
110	Rochester Institute of Technology	24,018	14,370	811	3,452	4,131	1,254
111	FL A&M U.	24,012	22,154	219	1,639	0	0
112	Kent State U. all campuses	23,293	12,476	1,471	343	8,216	787
113	U. PR Rio Piedras Campus	22,662	16,811	40	3	5,801	7
114	IL Institute of Technology	22,538	18,888	273	2,720	552	105
115	U. NC Charlotte	21,869	10,635	2,967	5,792	2,475	0
116	San Francisco State U.	21,191	10,143	3,391	367	6,357	933
117	Hampton U.	21,089	20,910	0	0	179	0
118	U. PR Mayaguez Campus	20,763 i	11,461 i	2,650 i	585 i	3,006 i	3,061 i
119	ID State U.	20,728	13,002	397	3,561	3,585	183
120	Air Force Institute of Technology	20,497	8,244	27	80	12,146	0
121	U. MA Dartmouth	20,431	13,087	1,641	807	4,253	643
122	Catholic U. America, The	20,375	15,020	3	924	4,264	164
123	U. NC Wilmington	20,100	13,949	798	100	5,253	0
124	Southern Methodist U.	19,530	10,612	311	5,924	2,088	595
125	LA Tech U.	19,406	6,399	1,667	485	10,826	29
126	U. of the VI	18,099	12,770	3,187	2,142	0	0
127	Clarkson U.	17,654	8,269	2,068	2,921	4,396	0
128	U. LA Monroe	16,997	7,429	5,374	367	3,211	616
129	U. CA, Merced	16,802	4,852	6,917	6	4,047	980
130	SD School of Mines and Technology	16,503	13,866	1,084	154	1,136	263
131	U. North TX	15,932	8,241	232	1,059	5,278	1,122
132	Teachers C. Columbia U.	15,198	7,622	0	0	0	7,576
133	CA State U. Long Beach	14,971	12,702	828	447	359	635
134	Tuskegee U.	14,963	11,522	0	0	0	3,441
135	Northern IL U.	14,948	11,566	12	592	2,778	0
136	Worcester Polytechnic Institute	14,912	9,977	8	1,033	3,462	432
137	CA State Polytechnic U. San Luis Obispo	14,866	7,603	3,292	413	1,412	2,146
138	Western MI U.	14,617	8,591	1,328	2,402	1,492	804
139	U. Tulsa	14,270	6,331	978	6,651	310	0
140	Cleveland State U.	14,131	5,027	4,955	61	3,088	1,000
141	TX A&M U. Kingsville	13,519	3,364	1,426	141	7,881	707
142	CA State U. Northridge	12,793	7,381	2,819	151	1,937	505
143	Polytechnic U.	12,674	6,050	2,355	2,258	121	1,890
144	Morgan State U.	12,336	10,978	755	369	234	0
145	U. MO-St. Louis	12,297	5,424	69	113	6,170	521
146	TN State U.	12,090	7,576	45	228	4,241	0
147	TX State U. San Marcos	11,792	2,146	1,806	884	5,397	1,559
148	TN Technological U.	11,742	5,094	4,500	376	1,772	0
149	Alcorn State U.	11,665	9,525	2,140	0	0	0
150	TX A&M U. Corpus Christi	11,662	6,015	3,037	43	161	2,406
151	CUNY Queens C.	11,377	8,940	833	1,247	357	0
152	Boise State U.	11,222	9,124	302	644	1,152	0

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153	U. Denver	11,029	9,212	252	361	921	283
154	Prairie View A&M U.	10,786	7,659	2,599	39	441	48
155	Bowling Green State U. all campuses	10,712	5,918	707	2,113	1,370	604
156	Marquette U.	10,373	7,075	277	317	1,549	1,155
157	U.S. Military Academy	10,123	9,293	0	0	765	65
158	Baylor U.	9,867	3,220	518	1,835	2,978	1,316
159	U. AR Little Rock	9,866	4,108	2,338 i	1,144 i	592 i	1,684 i
160	CA State U. San Bernardino	9,703	4,447	2,732	1,774	750	0
161	Duquesne U.	9,542	4,377	115	170	4,760	120
162	Villanova U.	9,484	5,388	2,632	795	0	669
163	Oakland U.	9,465	5,357	51	816	3,045	196
164	MO State U.	9,042	7,747	419	876	0	0
165	AL A&M U.	8,959	5,566	1,474	96	652	1,171
166	CA State U. Los Angeles	8,957	8,848	1	43	0	65
167	Tarleton State U.	8,857	4,701	3,405	151	600	0
168	U.S. Naval Academy	8,849	8,463	0	386	0	0
169	Humboldt State U.	8,808	4,723	1,457	1,105	1,334	189
170	FL Institute of Technology	8,642	6,706	515	1,322	0	99
171	Western KY U.	8,425	6,536	484	766	639	0
172	VA State U.	8,282	5,973	47	0	2,190	72
173	DE State U.	8,052	7,097	343	612	0	0
174	Ball State U.	8,031	3,423	660	1,333	2,615	0
175	CA State U. Fresno	7,967	3,684	2,337	98	1,687	161
176	Norfolk State U.	7,893	7,287	10	0	0	596
177	U. NC Greensboro	7,876	6,336	671	316	306	247
178	SC State U.	7,608	6,252	73	0	852	431
179	Nova Southeastern U.	7,545	4,294	1,215	0	110	1,926
180	Clark Atlanta U.	7,486	6,784	0	0	484	218
181	U. AR Pine Bluff	7,238	3,788	293	0	3,114	43
182	Wesleyan U.	7,076	4,133	249	38	2,063	593
183	U. HI Hilo	6,916	5,877	614	7	0	418
184	Embry-Riddle Aeronautical U.	6,864	4,572	1,486	806	0	0
185	Fordham U.	6,844	2,774	215	0	3,325	530
186	AR State U. main campus	6,816	4,542	1,689	0	585	0
187	Stephen F. Austin State U.	6,742	3,606	1,352	126	1,302	356
188	Southern U. and A&M C. all campuses	6,701	5,593	1,069	0	20	19
189	CUNY Graduate Ctr.	6,579	4,304	347	0	200	1,728
190	NC Central U.	6,323	6,323	0	0	0	0
191	U. AK Anchorage all campuses	6,270	5,258	389	0	0	623
192	Lincoln U. (Jefferson City, MO)	6,263	4,574	1,689	0	0	0
193	Western WA U.	6,240	3,100	326	30	2,660	124
194	Grand Valley State U.	6,178	610	577	0	2,930	2,061
195	IL State U.	6,111	3,996	315	631	1,169	0
196	U. GU	6,106	5,550	133	423	0	0
197	CA State U. Fullerton	6,096	4,980	524	263	329	0
198	MT Tech of the U. MT	6,051	4,694	1,200	157	0	0
199	U. of the Pacific	5,946	1,213	2,017	2,716	0	0
200	U. MD Eastern Shore	5,917	5,648	75	163	0	31
201	U. TX-Pan American	5,865	3,768	1,102	168	275	552
202	CA State U. Monterey Bay	5,784	3,596	1,954	160	0	74
203	U. DC	5,629	4,211	1,020	0	391	7

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204	U. TX Brownsville	5,500	4,371	622	0	432	75
205	Alfred U. all campuses	5,478	1,110	2,685	1,357	326	0
206	C. Charleston	5,397	3,943	89	0	1,336	29
207	Xavier U. LA	5,253	4,280	696	0	124	153
208	James Madison U.	5,235	3,650	269	0	388	928
209	Clark U.	5,120	2,878	0	0	1,435	807
210	Morehouse C.	5,021	4,650	0	0	0	371
211	West TX A&M U.	5,008	2,242	1,801	214	0	751
212	U. Baltimore	4,700	674	2,819	74	23	1,110
213	Lamar U.	4,692	2,692	1,613	153	25	209
214	KY State U.	4,671	3,849	203	14	593	12
215	Rowan U.	4,658	2,709	1,290	123	37	499
216	Central MI U.	4,580	1,390	171	105	2,282	632
217	Wellesley C.	4,561	3,083	320	41	0	1,117
218	CA State U. Sacramento	4,386	3,299	710	8	207	162
219	Eastern MI U.	4,341	2,381	106	487	1,001	366
220	U. West FL	4,337	3,426	747	0	13	151
221	OR Institute of Technology	4,296	1,250	60	2,986	0	0
222	Smith C.	4,237	3,429	25	0	373	410
223	Milwaukee School of Engineering	4,156	1,465	7	2,054	500	130
224	Williams C.	4,084	1,837	0	0	906	1,341
225	CUNY Brooklyn C.	4,056	3,329	0	438	289	0
226	U. NC Asheville	4,039	1,619	1,926	146	176	172
227	TX Southern U.	4,027	3,955	4	17	0	51
228	Langston U.	4,025	3,489	536	0	0	0
229	WV State U.	4,016	2,723	965	50	250	28
230	Santa Clara U.	3,986	3,796	0 i	0 i	0 i	190 i
231	Kettering U.	3,689	2,035	593	677	0	384
232	Gallaudet U.	3,679 i	3,530 i	63 i	0 i	0 i	86 i
233	Appalachian State U.	3,586	1,485	418	1,173	243	267
234	TX Christian U.	3,568	2,685	135	687	61	0
235	St. Cloud State U.	3,543	883	297	1,506	857	0
236	CA State U. Dominguez Hills	3,506	3,036	313	41	0	116
237	CUNY Herbert H. Lehman C.	3,498	2,689	0	480	329	0
238	Albany C. of Pharmacy	3,486	582	1,211	1,433	260	0
239	Claremont Graduate U.	3,482	858	83	0	683	1,858
240	Rose-Hulman Institute of Technology	3,478	463	0	71	0	2,944
241	Southern CT State U.	3,448	1,039	1,639	14	756	0
242	U. TX Tyler	3,393	1,771	1,279	133	94	116
243	Amherst C.	3,364	1,194	0	75	1,417	678
244	FL Gulf Coast U.	3,344	2,719	494	0	0	131
245	Calvin C.	3,343	1,855	11	212	1,143	122
246	Palmer C. of Chiropractic	3,340	1,640	0	0	1,479	221
247	Western Carolina U.	3,329	2,225	332	2	529	241
248	Ft. Valley State U.	3,311	3,297	14	0	0	0
249	Pomona C.	3,288	1,016	0	0	2,193	79
250	U. WI Stevens Point	3,233	1,410	153	78	692	900
251	U. North FL	3,158	1,702	675	50	317	414
252	American U.	3,150	1,494	0	1,656	0	0
253	St. Francis U. (Loretto, PA)	3,147	3,147	0	0	0	0
254	Sam Houston State U.	3,049	1,625	194	79	1,151	0

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255	Mt. Holyoke C.	3,044	1,947	0	0	88	1,009
256	CUNY C. Staten Island	3,027	1,191	1,024	492	203	117
257	Central WA U.	3,025	2,174	420	137	263	31
258	Harvey Mudd C.	3,005	1,637	0	169	463	736
259	Elizabeth City State U.	2,979	2,979	0	0	0	0
260	Bryn Mawr C.	2,974	1,180	291	0	1,503	0
261	CUNY John Jay C. of Criminal Justice	2,964	2,162	21	27	91	663
262	U. Northern IA	2,960	858	1,149	0	896	57
263	U. WI La Crosse	2,949	1,329	335	505	495	285
264	La Salle U.	2,920	2,714	0	0	206	0
265	CA State U. East Bay	2,870	1,287	778	10	309	486
266	Fisk U.	2,851	2,851	0	0	0	0
267	Long Island U. all campuses	2,825	2,094	124	294	231	82
268	Barnard C.	2,823	2,411	5	0	59	348
269	U. Richmond	2,823	1,864	0	637	303	19
270	Morehead State U.	2,822	1,788	219	0	668	147
271	Oakwood C.	2,737	2,271	0	0	0	466
272	New School, The	2,703	980	166	0	0	1,557
273	Midwestern U. (Chicago, IL)	2,697	543	46	161	1,928	19
274	DePaul U.	2,675	2,240	44	86	123	182
275	Fairfield U.	2,651	237	106	115	1,912	281
276	Colgate U.	2,562	1,235	0	0	1,095	232
277	Union C. (Schenectady, NY)	2,557	930	369	718	540	0
278	U. TX of the Permian Basin	2,556	229	12	0	1,781	534
279	Central State U.	2,553	2,376	66	111	0	0
280	Sul Ross State U.	2,542	1,094	513	0	437	498
281	Black Hills State U.	2,539	2,148	325	24	34	8
282	AL State U.	2,461	2,461	0	0	0	0
283	Macalester C.	2,457	528	90	93	1,573	173
284	West Chester U. PA	2,454	2,015	207	100	0	132
285	Albany State U.	2,441	896	1,362	0	0	183
286	U. Hartford	2,427	1,028	824	15	121	439
287	Arcadia U.	2,426	462	1,021	943	0	0
288	Tougaloo C.	2,381	1,936	0	0	92	353
289	Towson U.	2,357	936	905	477	39	0
290	Murray State U.	2,335	588	594	74	1,079	0
291	Southeastern LA U.	2,302	1,045	259	78	920	0
292	Seton Hall U.	2,290	1,374	0	307	0	609
293	Fairmont State U.	2,289	1,718	470	81	20	0
294	Eastern WA U.	2,277	596	1,161	0	92	428
295	TX Woman's U.	2,253	1,146	465	13	467	162
296	SUNY C. of Optometry	2,238	1,982	0	99	22	135
297	St. Joseph's U.	2,215	1,486	22	0	211	496
298	CUNY York C.	2,210	2,160	0	15	35	0
299	Hope C.	2,198	972	0	0	339	887
300	Bucknell U.	2,193	1,539	160	164	330	0
301	U. WI Superior	2,178	1,599	0	96	276	207
302	SUNY C. Geneseo	2,139	987	200	0	907	45
303	U. PR Humacao	2,124	2,104	0	0	20	0
304	Franklin & Marshall C.	2,114	1,095	208	0	523	288
305	Occidental C.	2,110	802	67	1,091	150	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
306	Shaw U.	2,090	1,997	93	0	0	0
307	Winston-Salem State U.	2,086 i	2,086 i	0 i	0 i	0 i	0 i
308	U. AK Southeast all campuses	2,078	1,695	71	0	0	312
309	Pittsburg State U.	2,065	830	419	696	0	120
310	NY Institute of Technology all campuses	2,061	410	104	503	1,044	0
311	U. Northern CO	2,039	1,283	53	2	422	279
312	Spelman C.	2,005	2,005	0	0	0	0
313	Coastal Carolina U.	1,969	1,445	325	8	127	64
314	Dillard U.	1,962	1,473	105	0	384	0
315	Chicago State U.	1,960	1,926	0	0	34	0
316	Bowdoin C.	1,942	1,271	0	377	294	0
317	Carleton C.	1,942	1,485	10	25	137	285
318	Savannah State U.	1,902	1,864	38	0	0	0
319	CA State U. Bakersfield	1,873	139	777	6	829	122
320	PA C. of Optometry	1,851	1,776	57	0	0	18
321	Middlebury C.	1,789	1,710	0	0	0	79
322	Lafayette C.	1,785	1,063	19	0	703	0
323	U. of the Sciences Philadelphia	1,777	1,054	420	303	0	0
324	Bradley U.	1,760	359	0	1,026	375	0
325	CA State Polytechnic U. Pomona	1,750	1,750	0	0	0	0
326	U. New England	1,743	1,319	33	0	0	391
327	Swarthmore C.	1,738	812	0	0	686	240
328	Loyola Marymount U.	1,708	962	0	59	363	324
329	IN State U. all campuses	1,689	1,079	52	444	7	107
330	Lawrence Technological U.	1,689	1,129	326	234	0	0
331	Northern KY U.	1,659	1,062	67	0	406	124
332	St. John's U. (Jamaica, NY)	1,657	1,364	50	93	51	99
333	TX A&M U. Commerce	1,653	421	392	605	73	162
334	Pace U. all campuses	1,642	602	0	0	406	634
335	U. Central AR	1,638	1,036	108	0	450	44
336	SUNY C. Buffalo	1,625	1,259	48	0	186	132
337	U. IL Springfield	1,622	1,113	212	14	184	99
338	New England C. of Optometry	1,604	1,101	0	65	347	91
339	Western IL U.	1,597	517	738	0	139	203
340	Clafin U.	1,592	1,592	0	0	0	0
341	Middle TN State U.	1,590	468	74	105	764	179
342	Dowling C.	1,545 i	1,436 i	0 i	6 i	77 i	26 i
343	Monmouth U.	1,545	1,538	7	0	0	0
344	Trinity U.	1,530	979	0	493	58	0
345	MN State U. Mankato	1,521	481	393	390	140	117
346	U. WI Oshkosh	1,516	972	161	58	179	146
347	GA Southern U.	1,511	829	483	199	0	0
348	NM Highlands U.	1,497	1,115	0	0	0	382
349	U. West GA	1,462	998	170	164	130	0
350	Ithaca C.	1,457	1,197	0	0	260	0
351	Hobart and William Smith Colleges	1,443	1,145	167	0	1	130
352	SUNY C. Old Westbury	1,443	878	0	50	466	49
353	Rider U.	1,410	365	0	5	808	232
354	Montclair State U.	1,405	1,183	6	0	105	111
355	Haverford C.	1,397	1,073	0	0	84	240
356	Kansas City U. of Medicine and Biosciences	1,394	49	0	104	1,208	33

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
357	Philadelphia C. of Osteopathic Medicine	1,390	563	20	27	452	328
358	U. San Francisco	1,390	335	104	0	607	344
359	CA State U. Chico	1,384	1,163	9	97	79	36
360	Governors State U.	1,373	1,243	130	0	0	0
361	Northwestern Health Sciences U.	1,361	1,361	0	0	0	0
362	Furman U.	1,359	1,042	0	0	0	317
363	Benedict C.	1,352	1,281	41	0	0	30
364	St. Olaf C.	1,321	919	30	1	0	371
365	Dickinson C.	1,311	365	283	264	399	0
366	Fayetteville State U.	1,304	1,270	20	1	0	13
367	Reed C.	1,291	663	0	0	308	320
368	IL Wesleyan U.	1,290	993	40	0	212	45
369	Northeastern IL U.	1,278	485	15	0	569	209
370	Seattle U.	1,262	567	10	0	480	205
371	Hamilton C. (Clinton, NY)	1,261	888	0	5	91	277
372	Davidson C.	1,239	799	17	423	0	0
373	Western U. of Health Sciences	1,217	786	0	0	159	272
374	Colby C.	1,216	731	0	0	297	188
375	Sinte Gleska U.	1,208	1,115	0	0	0	93
376	Plymouth State U.	1,193	892	166	39	2	94
377	Youngstown State U.	1,193	1,059	46	63	25	0
378	U. Redlands	1,190	1,165	0	0	0	25
379	A.T. Still U. of Health Sciences	1,179	7	0	0	757	415
380	Northwestern State U.	1,175	535	318	0	236	86
381	Whitman C.	1,167	1,064	0	0	0	103
382	CUNY Baruch C.	1,161	409	302	244	206	0
383	Wheeling Jesuit U.	1,131	1,062	0	0	0	69
384	Lewis & Clark C.	1,113	550	0	0	152	411
385	MT State U. Billings	1,107	865	1	175	66	0
386	U. PR Cayey	1,057	766	119	0	132	40
387	U. WI Green Bay	1,056	646	58	142	137	73
388	Vassar C.	1,052	1,052	0	0	0	0
389	U. WI Eau Claire	1,040	662	39	23	125	191
390	SUNY C. Oswego	1,026	838	0	58	62	68
391	Winona State U.	1,020	116	283	54	548	19
392	Hampshire C.	1,015	349	0	0	0	666
393	Des Moines U.	1,002	75	54	42	776	55
394	VA Military Institute	979	119	133	525	181	21
395	Grinnell C.	955	343	0	0	175	437
396	MS Valley State U.	951	951	0	0	0	0
397	Lincoln U. (Lincoln University, PA)	948	774	174	0	0	0
398	Roger Williams U. Bristol	945	783	0	162	0	0
399	Northern MI U.	944	368	0	19	458	99
400	Indiana U. PA all campuses	932	407	123	0	332	70
401	Marist C.	927	0	410	230	240	47
402	Bates C.	915	831	40	0	44	0
403	Western States Chiropractic C.	907	825	0	0	82	0
404	Southern OR U.	906	506	63	240	90	7
405	Angelo State U.	901	30	560	46	195	70
406	C. of the Holy Cross	883	691	0	43	4	145
407	Wilberforce U.	879	854	0	25	0	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
408	Washington and Jefferson C.	874	846	0	0	28	0
409	CT C.	867	651	53	90	10	63
410	Valparaiso U.	866	642	1	23	183	17
411	U. Central OK	865	843	5	17	0	0
412	Andrews U.	845	360	0	1	193	291
413	Gonzaga U.	844	550	0	0	294	0
414	Augustana C. (Sioux Falls, SD)	843	763	0	0	68	12
415	Nicholls State U.	841	43	170	55	425	148
416	U. of St. Thomas (St. Paul, MN)	833	472	0	31	60	270
417	Loyola U. New Orleans	828	337	169	0	14	308
418	Pacific U.	808	268	0	450	0	90
419	Christopher Newport U.	805	630	31	144	0	0
420	St. Mary's U. (San Antonio, TX)	785	785	0	0	0	0
421	Skidmore C.	782	270	0	406	106	0
422	C. NJ, The	772	594	0	0	178	0
423	Truman State U.	760	399	14	10	261	76
424	Bridgewater State C.	752	459	152	0	112	29
425	Concordia C. (Moorhead, MN)	743	305	5	0	366	67
426	Allegheny C.	738	250	12	5	269	202
427	Drake U.	730	320	24	154	204	28
428	Augsburg C.	728	680	0	48	0	0
429	Oberlin C.	726	585	0	125	16	0
430	U. Portland	722	318	120	0	22	262
431	Eastern IL U.	713	322	270	55	66	0
432	U. Houston-Clear Lake	709	98	365	0	24	222
433	SUNY C. Brockport	706	307	3	35	130	231
434	Barry U.	697	697	0	0	0	0
435	U.S. Coast Guard Academy	696	604	0	0	42	50
436	McNeese State U.	691	195	283	17	156	40
437	Haskell Indian Nations U.	687	687	0	0	0	0
438	Hendrix C.	677	605	0	0	72	0
439	CA State U. San Marcos	670	670	0	0	0	0
440	Claremont McKenna C.	669 i	657 i	0 i	0 i	0 i	12 i
441	Trinity C. (Hartford, CT)	669	346	9	6	159	149
442	Mesa State C.	657	293	73	6	75	210
443	Sonoma State U.	652	472	53	95	32	0
444	Hofstra U.	651	498	10	1	44	98
445	Philadelphia U.	645	440	205	0	0	0
446	CO C.	644	602	14	0	28	0
447	Grambling State U.	643	628	15	0	0	0
448	Evergreen State C.	636	579	0	0	0	57
449	Kennesaw State U.	634	383	160	91	0	0
450	U. San Diego	621	346	29	6	47	193
451	St. John's U. (Collegeville, MN)	619	0	0	25	594	0
452	C. Wooster	611	150	0	0	274	187
453	Eastern OR U.	610	396	8	16	190	0
454	Mercyhurst C.	609	68	173	13	355	0
455	Wabash C.	606	235	0	0	363	8
456	Millsaps C.	589	589	0	0	0	0
457	Siena C.	567	567	0	0	0	0
458	Southern Polytechnic State U.	561	439	90	32	0	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
459	Mills C.	560 i	521 i	0 i	0 i	0 i	39 i
460	Kenyon C.	558	558	0	0	0	0
461	Pepperdine U.	556	135	2	0	419	0
462	Providence C.	555	525	0	12	18	0
463	Ursinus C.	554	362	162	16	0	14
464	Eastern KY U.	540	440	31	0	58	11
465	Eckerd C.	540	437	24	38	20	21
466	Simmons C.	540	177	0	39	114	210
467	Universidad del Turabo	532	532	0	0	0	0
468	MA C. of Pharmacy and Health Sciences	526	241	0	283	2	0
469	National U. of Health Sciences	522	245	0	0	136	141
470	WV School of Osteopathic Medicine	520	3	0	0	452	65
471	West Liberty State C.	516	268	38	0	210	0
472	Muhlenberg C.	512	403	0	0	20	89
473	U. WI Platteville	511	53	195	1	217	45
474	Universidad Metropolitana	505	505	0	0	0	0
475	Cheyney U. PA	487	111	376	0	0	0
476	Gettysburg C.	469	319	0	33	117	0
477	Rhodes C.	467	411	0	56	0	0
478	Northeastern State U.	458	329	124	0	5	0
479	Willamette U.	455	164	0	0	291	0
480	Salish Kootenai C.	446	419	27	0	0	0
481	Coe C.	443	244	21	8	129	41
482	Fuller Theological Seminary CA	442	23	0	0	47	372
483	LeTourneau U.	441	189	0	118	9	125
484	Pacific Lutheran U.	440	176	0	157	89	18
485	SUNY C. Plattsburgh	425	401	0	0	12	12
486	DePauw U.	420	230	10	0	175	5
487	William Paterson U. NJ	418	139	0	7	272	0
488	Universidad del Este	416	416	0	0	0	0
489	Luther C.	407	313	32	0	52	10
490	John Carroll U.	405	374	0	31	0	0
491	Roanoke C.	399	0	14	0	385	0
492	Jacksonville U.	396	10	347	15	24	0
493	Denison U.	395	316	0	0	79	0
494	Juniata C.	384	219	15	0	0	150
495	Daemen C.	381	187	0	194	0	0
496	Manhattan C.	378	198	12	139	0	29
497	U. Scranton	377	145	98	50	84	0
498	Saginaw Valley State U.	374	91	0	8	197	78
499	Chapman U.	370	219	0	151	0	0
500	Central CT State U.	363	341	0	0	0	22
501	U. WI Whitewater	358	290	21	0	39	8
502	SUNY C. Cortland	355	43	0	51	0	261
503	Adelphi U.	349	349	0	0	0	0
504	Mercy C.	342	330	0	0	12	0
505	U. WI River Falls	340	71	143	15	94	17
506	U. Puget Sound	338	258	0	0	26	54
507	U. WI Stout	335	187	26	0	122	0
508	AR Tech U.	327 i	171 i	32 i	11 i	109 i	4 i
509	Western CT State U.	325	262	12	0	51	0

TABLE 35. R&D expenditures at all universities and colleges without a medical school, ranked by all R&D expenditures, by source of funds: FY 2008
(Dollars in thousands)

Rank	Institution	All R&D expenditures	Federal government	State and local government	Industry	Institution funds	All other sources
510	CO State U. Pueblo	323	249	0	0	74	0
511	Southeastern OK State U.	316	282	24	8	2	0
512	Carlos Albizu U. (San Juan, PR)	310	8	0	0	302	0
513	AK Pacific U.	309	176	11	118	0	4
514	Mt. St. Mary's C. (Los Angeles, CA)	307	307	0	0	0	0
515	Lawrence U.	303	234	0	0	69	0
516	SUNY Fredonia	303	5	24	9	199	66
517	Sarah Lawrence C.	293	191	0	0	0	102
518	Goucher C.	292	292	0	0	0	0
519	International American U. PR central office	292	292	0	0	0	0
520	U. Houston-Downtown	292	179	61	15	4	33
521	Abilene Christian U.	291	217	0	0	18	56
522	Radford U.	290	134	67	59	0	30
523	Wiley C.	286	264	0	0	0	22
524	CUNY Medgar Evers C.	283	157	0	95	31	0
525	Vanguard U. Southern CA	281	261	0	0	14	6
526	St. Mary's C. MD	275	86	86	0	0	103
527	Lake Forest C.	272	107	0	18	147	0
528	Washington and Lee U.	272	197	0	75	0	0
529	CUNY New York City C. of Technology	267	39	86	140	2	0
530	Kalamazoo C.	261	120	0	0	101	40
531	Wilkes U.	254	166	72	16	0	0
532	Ft. Lewis C.	243 i	147 i	0 i	37 i	7 i	52 i
533	Polytechnic U. PR	241	80	0	0	161	0
534	OH Wesleyan U.	239	121	0	0	118	0
535	U. NC Pembroke	239	239	0	0	0	0
536	Mayville State U.	224	224	0	0	0	0
537	Point Loma Nazarene C.	222	169	29	0	0	24
538	U. WI Parkside	213	85	1	45	55	27
539	Pitzer C.	209	15	0	0	176	18
540	Mountain State U.	204 i	204 i	0 i	0 i	0 i	0 i
541	Oglala Lakota C.	204	204	0	0	0	0
542	SUNY C. Oneonta	198	137	0	0	26	35
543	Southern U. New Orleans	197	191	0	0	0	6
544	TX A&M International U.	196	168	28	0	0	0
545	Miles C.	194 i	191 i	0 i	0 i	0 i	3 i
546	SUNY New Paltz	193	83	19	49	29	13
547	Canisius C.	186	99	0	23	64	0
548	Benedictine U.	184	0	0	0	184	0
549	Birmingham Southern C.	180	180	0	0	0	0
550	Gustavus Adolphus C.	170	95	1	35	39	0
551	Widener U. PA Campus	169	12	0	157	0	0
552	Cooper Union	161	0	0	82	0	79
553	Fairleigh Dickinson U. all campuses	157 i	0 i	13 i	33 i	65 i	46 i
554	Loyola C.	154	149	0	5	0	0

i = imputed.

NOTES: The source for medical schools is the list of accredited M.D.-granting U.S. medical schools approved by the Association of American Medical Colleges. 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 2008.