

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
	All institutions	41,958,297	23,115,114	65,073,411
1	Johns Hopkins U. ^a	1,498,845	646,463	2,145,308
2	U. WI, Madison	766,796	344,846	1,111,642
3	U. MI, Ann Arbor	734,294	544,829	1,279,123
4	MA Institute of Technology	723,610	0	723,610
5	U. CA, Berkeley	707,945	0	707,945
6	TX A&M U., College Station	705,720	0	705,720
7	PA State U., University Park and Hershey Medical Ctr.	698,031	96,815	794,846
8	U. TX, M. D. Anderson Cancer Ctr.	663,279	0	663,279
9	GA Institute of Technology	655,375	0	655,375
10	U. TX, Austin	632,171	0	632,171
11	U. MN, Twin Cities	586,191	261,228	847,419
12	Purdue U., West Lafayette	578,231	0	578,231
13	U. CA, Davis	546,878	161,018	707,896
14	U. IL, Urbana-Champaign	545,669	0	545,669
15	U. WA, Seattle	545,391	603,142	1,148,533
16	U. CA, Los Angeles	542,640	439,717	982,357
17	U. CA, San Diego	542,407	466,971	1,009,378
18	Cornell U.	511,194	270,457	781,651
19	U. MD, College Park	495,382	0	495,382
20	OH State U.	492,914	339,212	832,126
21	U. FL	491,914	248,017	739,931
22	U. AZ	450,429	160,136	610,565
23	VA Polytechnic Institute and State U.	450,058	0	450,058
24	Columbia U. in the City of New York	432,674	446,226	878,900
25	Rutgers, State U. NJ, New Brunswick	432,306	0	432,306
26	MI State U.	411,298	42,950	454,248
27	Harvard U.	401,905	247,869	649,774
28	Scripps Research Institute	400,768	0	400,768
29	U. CO, Boulder	390,677	0	390,677
30	WA State U.	388,974	0	388,974
31	NC State U.	378,154	0	378,154
32	CA Institute of Technology	377,514	0	377,514
33	Stanford U.	372,236	535,735	907,971
34	AZ State U.	355,215	0	355,215
35	U. NC, Chapel Hill	340,490	426,960	767,450
36	CO State U., Ft. Collins	330,784	0	330,784
37	LA State U., Baton Rouge	287,841	0	287,841
38	U. Southern CA	274,886	328,408	603,294
39	Rockefeller U.	272,491	0	272,491
40	U. HI, Manoa	271,495	46,821	318,316
41	IA State U.	267,641	0	267,641
42	Princeton U.	263,335	0	263,335
43	U. Pittsburgh, Pittsburgh	261,622	637,764	899,386
44	U. PA	256,755	629,281	886,036
45	SUNY, U. Albany, C. Nanoscale Science and Engineering	248,778	0	248,778
46	U. GA	245,166	0	245,166
47	Carnegie Mellon U.	242,882	0	242,882
48	Brown U.	242,617	101,473	344,090

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49	U. Chicago	236,415	217,147	453,562
50	U. NE, Lincoln	235,296	0	235,296
51	U. CA, Santa Barbara	230,435	0	230,435
52	OR State U.	228,814	0	228,814
53	MS State U.	226,070	0	226,070
54	U. KY	223,578	149,354	372,932
55	U. CA, Irvine	220,357	124,321	344,678
56	FL State U.	219,845	10,566	230,411
57	Northwestern U.	212,669	406,311	618,980
58	U. CA, San Francisco	210,046	785,180	995,226
59	U. IA	203,494	240,399	443,893
60	U. IL, Chicago	199,409	181,419	380,828
61	Woods Hole Oceanographic Institution	198,775	0	198,775
62	U. MO, Columbia	196,093	34,864	230,957
63	SUNY, U. Buffalo	195,754	157,418	353,172
64	Duke U.	190,767	831,440	1,022,207
65	U. SC, Columbia	189,373	12,219	201,592
66	IN U., Bloomington	183,970	126	184,096
67	U. MA, Amherst	181,297	0	181,297
68	Emory U.	178,099	369,217	547,316
69	U. AK, Fairbanks	175,246	0	175,246
70	UT State U.	174,167	0	174,167
71	U. DE	169,746	0	169,746
72	KS State U.	169,167	0	169,167
73	Yale U.	168,241	488,726	656,967
74	U. TN, Knoxville	167,456	0	167,456
75	Clemson U.	166,350	0	166,350
76	U. South FL, Tampa	165,063	229,900	394,963
77	U. CT	163,544	90,248	253,792
78	Auburn U., Auburn	163,335	0	163,335
79	OK State U., Stillwater	162,786	0	162,786
80	U. CA, Santa Cruz	155,617	0	155,617
81	Boston U.	155,135	200,781	355,916
82	OR Health and Science U.	151,162	183,162	334,324
83	U. KS	151,039	151,629	302,668
84	TX Tech U.	149,399	0	149,399
85	SUNY, U. Albany	148,625	0	148,625
86	U. NH	143,002	0	143,002
87	U. Rochester	139,395	289,639	429,034
88	NM State U.	139,062	0	139,062
89	U. OK	139,051	50,455	189,506
90	Vanderbilt U.	136,149	429,882	566,031
91	U. UT	135,065	279,251	414,316
92	U. AL, Birmingham	134,582	369,116	503,698
93	U. Notre Dame	134,410	0	134,410
94	ND State U.	134,064	0	134,064
95	U. CA, Riverside	132,238	0	132,238
96	U. NM	130,123	90,442	220,565
97	MT State U., Bozeman	125,966	0	125,966
98	WV U.	124,592	41,828	166,420

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

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Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
99	NY U.	122,789	307,963	430,752
100	U. TX, Medical Branch	122,567	70,988	193,555
101	Tulane U.	120,305	51,398	171,703
102	U. AR, Fayetteville	120,007	0	120,007
103	SUNY, Stony Brook U.	119,827	91,529	211,356
104	U. Houston	113,709	0	113,709
105	U. ME	111,600	0	111,600
106	Rice U.	110,235	0	110,235
107	FL International U.	107,604	2,402	110,006
108	U. Central FL	107,005	2,185	109,190
109	San Diego State U.	106,591	0	106,591
110	U. TX, Health Science Ctr., Houston	104,674	156,498	261,172
111	U. OR	103,019	0	103,019
112	U. RI	102,630	0	102,630
113	Old Dominion U.	102,192	0	102,192
114	Naval Postgraduate School	101,363	0	101,363
115	U. Cincinnati	100,621	348,315	448,936
116	NJ Institute of Technology	100,491	0	100,491
117	U. VA, Charlottesville	99,678	192,428	292,106
118	U. MS and U. MS Medical Ctr.	97,402	34,762	132,164
119	VA Commonwealth U.	96,990	110,766	207,756
120	U. ID	96,229	0	96,229
121	Cold Spring Harbor Lab.	95,984 i	0 i	95,984 i
122	Tufts U.	94,952	61,443	156,395
123	Washington U., St. Louis	93,932	631,107	725,039
124	U. TX, Dallas	93,230	0	93,230
125	U. CO, Denver and Anschutz Medical Campus	92,995	324,592	417,587
126	GA State U.	92,725	0	92,725
127	U. MD, Baltimore County	91,657	0	91,657
128	U. Dayton	90,557	0	90,557
129	George Mason U.	88,089	0	88,089
130	Wayne State U.	87,512	172,383	259,895
131	U. Louisville	87,328	110,110	197,438
132	Dartmouth C.	87,027	123,604	210,631
133	Northeastern U.	86,783	0	86,783
134	Case Western Reserve U.	85,543	343,663	429,206
135	U. Miami	85,382	238,104	323,486
136	Rensselaer Polytechnic Institute	84,834	0	84,834
137	Syracuse U.	83,686	0	83,686
138	George Washington U.	81,904	115,717	197,621
139	U. AL, Huntsville	75,724	0	75,724
140	Brandeis U.	74,889	0	74,889
141	U. TX, El Paso	74,069	0	74,069
142	U. MD, Baltimore	73,848	335,817	409,665
143	U. NV, Reno	73,625	16,115	89,740
144	U.S. Air Force Academy	73,607	0	73,607
145	SUNY, U. Binghamton	72,539	0	72,539
146	U. TX, Arlington	72,483	0	72,483
147	MI Technological U.	70,089	0	70,089
148	U. LA, Lafayette	69,978	0	69,978

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149	SD State U.	69,680	0	69,680
150	Drexel U.	67,330	47,690	115,020
151	U. WI, Milwaukee	65,648	0	65,648
152	U. Akron	65,536	0	65,536
153	U. CA, Office of the President	63,420	0	63,420
154	Temple U.	62,936	63,542	126,478
155	U. TN, Institute of Agriculture	62,786	0	62,786
156	U. ND	62,216	12,666	74,882
157	CUNY, City C.	60,648	0	60,648
158	U. MT	60,159	0	60,159
159	U. MA, Lowell	60,013	0	60,013
160	Portland State U.	58,975	0	58,975
161	C. of William and Mary and VA Institute of Marine Science	58,919	0	58,919
162	U. TX, San Antonio	58,667	0	58,667
163	U. WY	57,549	0	57,549
164	U. MA, Boston	57,040	0	57,040
165	Cleveland State U.	55,502	0	55,502
166	FL Atlantic U.	55,138	6,886	62,024
167	U. AL, Tuscaloosa	53,633	0	53,633
168	FL A&M U.	53,326	0	53,326
169	OH U.	53,251	4,392	57,643
170	IN U.-Purdue U., Indianapolis	52,955	269,662	322,617
171	Boston C.	52,253	0	52,253
172	U. TX, Southwestern Medical Ctr., Dallas	51,593	380,290	431,883
173	TX A&M Health Science Ctr.	50,242	24,715	74,957
174	Wichita State U.	50,194	0	50,194
175	U. MD, Ctr. for Environmental Science	50,007	0	50,007
176	Jackson State U.	49,998	0	49,998
177	U. NE, Medical Ctr.	48,923	84,113	133,036
178	CO School of Mines	48,704	0	48,704
179	U. Memphis	48,321	0	48,321
180	American U.	46,611	0	46,611
181	U. Southern MS	46,591	0	46,591
182	U. VT	45,878	86,478	132,356
183	U. Toledo	45,628	28,521	74,149
184	IL Institute of Technology	44,463	0	44,463
185	NM Institute of Mining and Technology	43,857	0	43,857
186	U. HI, Hilo	42,983	0	42,983
187	Wright State U.	42,542	5,959	48,501
188	U. North TX, Denton	42,475	0	42,475
189	Southern IL U., Carbondale	41,836	29,294	71,130
190	Stevens Institute of Technology	41,622	0	41,622
191	MO U. of Science and Technology	41,581	0	41,581
192	San Jose State U.	40,149	0	40,149
193	U. North TX, Health Science Ctr.	39,875	6,068	45,943
194	CUNY, Hunter C.	39,772	0	39,772
195	U. NV, Las Vegas	39,526	0	39,526
196	U. PR, Medical Sciences Campus	37,792	26,225	64,017
197	Brigham Young U., Provo	37,142	0	37,142
198	Rutgers, State U. NJ, Newark	35,774	0	35,774

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199	U. New Orleans	35,359	0	35,359
200	Desert Research Institute	35,331	0	35,331
201	NC Agricultural and Technical State U.	34,930	0	34,930
202	Rochester Institute of Technology	34,889	0	34,889
203	U. PR, Mayaguez	34,424	0	34,424
204	Southern IL U., Edwardsville	33,736	0	33,736
205	Medical U. SC	33,696	179,650	213,346
206	TX State U., San Marcos	33,487	0	33,487
207	U. PR, Rio Piedras	32,582	0	32,582
208	Lehigh U.	32,086	0	32,086
209	SD School of Mines and Technology	32,070	0	32,070
210	AL A&M U.	32,063 i	0 i	32,063 i
211	U. TX, Health Science Ctr., San Antonio	32,046	166,609	198,655
212	Air Force Institute of Technology	31,879	0	31,879
213	Northern AZ U.	30,785	0	30,785
214	Georgetown U.	29,680	140,236	169,916
215	SUNY, C. of Environmental Science and Forestry	28,289 i	0 i	28,289 i
216	CA State U., Fullerton	28,186	0	28,186
217	LA Tech U.	27,583	0	27,583
218	U. NC, Charlotte	27,533	0	27,533
219	Kent State U.	27,455	0	27,455
220	San Francisco State U.	26,198	0	26,198
221	U. NC, Greensboro	26,121	0	26,121
222	Miami U.	26,093	0	26,093
223	CA State U., Northridge	25,654	0	25,654
224	U. MA, Dartmouth	25,644	0	25,644
225	U. South AL	25,423	16,810	42,233
226	U. MO, Kansas City	25,405	7,364	32,769
227	Catholic U. America	25,397	0	25,397
228	Western MI U.	25,051	0	25,051
229	Southern Methodist U.	24,453	0	24,453
230	St. Louis U.	24,269	28,910	53,179
231	Boise State U.	24,204	0	24,204
232	Mercer U.	24,195	4,844	29,039
233	U. MN, Duluth	23,400	0	23,400
234	U. Tulsa	23,320	0	23,320
235	CUNY, Queens C.	23,219	0	23,219
236	U. NC, Wilmington	22,593	0	22,593
237	Charles R. Drew U. of Medicine and Science	22,150	0	22,150
238	Worcester Polytechnic Institute	22,137	0	22,137
239	U. of the VI	21,994	0	21,994
240	Northern IL U.	21,748	0	21,748
241	U. West FL	21,710	0	21,710
242	ID State U.	21,450	0	21,450
243	U. CA, Merced	21,328	0	21,328
244	U. SD	20,258	8,701	28,959
245	Marquette U.	19,876	0	19,876
246	Howard U.	19,428	22,913	42,341
247	DE State U.	19,019	0	19,019
248	Ball State U.	18,765	0	18,765

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249	U. AK, Anchorage	18,620	0	18,620
250	U. MO, St. Louis	18,461	0	18,461
251	Teachers C., Columbia U.	18,406	0	18,406
252	Fordham U.	18,350	0	18,350
253	Clarkson U.	17,951	0	17,951
254	IL State U.	17,833	0	17,833
255	TX A&M U., Corpus Christi	17,509	0	17,509
256	TX A&M U., Kingsville	17,114	0	17,114
257	FL Gulf Coast U.	17,051	0	17,051
258	U. Denver	17,004	0	17,004
259	U. Southern ME	16,938	0	16,938
260	Duquesne U.	16,814	0	16,814
261	Touro C.	16,786	22,620	39,406
262	CA Polytechnic State U., San Luis Obispo	16,532	0	16,532
263	Marshall U.	16,414	10,309	26,723
264	CA State U., Sacramento	16,344	0	16,344
265	CA State U., Long Beach	16,319 i	0 i	16,319 i
266	Embry-Riddle Aeronautical U.	16,289	0	16,289
267	TX Tech U., Health Sciences Ctr.	15,935	42,839	58,774
268	Oakland U.	15,855	13	15,868
269	Tuskegee U.	15,685	0	15,685
270	Prairie View A&M U.	15,243	0	15,243
271	East Carolina U.	14,779	13,335	28,114
272	Fayetteville State U.	14,618	0	14,618
273	FL Institute of Technology	14,523	0	14,523
274	LA State U., Health Sciences Ctr., New Orleans	14,010	42,997	57,007
275	U.S. Military Academy	13,799	0	13,799
276	TN State U.	13,468	0	13,468
277	AR State U., Jonesboro	13,435	0	13,435
278	TN Technological U.	13,247	0	13,247
279	Polytechnic Institute of NY U.	13,222	0	13,222
280	Morgan State U.	12,803	0	12,803
281	Hampton U.	12,414	0	12,414
282	Baylor U.	12,343	0	12,343
283	AL State U.	12,340	0	12,340
284	U. AR, Little Rock	12,039	0	12,039
285	CUNY, Graduate Ctr.	11,974	0	11,974
286	Purdue U., Calumet	11,946	0	11,946
287	Eastern MI U.	11,643	0	11,643
288	CA State U., San Bernardino	11,591	0	11,591
289	Alcorn State U.	11,397	0	11,397
290	GA Health Sciences U.	11,121	62,365	73,486
291	U.S. Naval Academy	10,543	0	10,543
292	Elizabeth City State U.	10,455	0	10,455
293	Tarleton State U.	10,426	0	10,426
294	Wesleyan U.	10,367	0	10,367
295	Villanova U.	10,044	0	10,044
296	Loma Linda U.	9,997	29,412	39,409
297	Fairfield U.	9,892	0	9,892
298	Xavier U. LA	9,849	0	9,849

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299	Wheeling Jesuit U.	9,825	0	9,825
300	Humboldt State U.	9,570	0	9,570
301	U. NE, Omaha	9,509	0	9,509
302	Western WA U.	9,498	0	9,498
303	NC Central U.	9,496	0	9,496
304	U. AR, Pine Bluff	9,415	0	9,415
305	U. North FL	9,379	0	9,379
306	CUNY, Brooklyn C.	9,306	0	9,306
307	Dillard U.	9,256 i	0 i	9,256 i
308	U. TN, Chattanooga	9,251	0	9,251
309	Bowling Green State U.	8,999	0	8,999
310	IN U.-Purdue U., Ft. Wayne	8,864	0	8,864
311	CA State U., Los Angeles	8,823	0	8,823
312	Wake Forest U.	8,773	200,361	209,134
313	U. TX, Pan American	8,672	0	8,672
314	Central MI U.	8,671	0	8,671
315	U. MD, Eastern Shore	8,664	0	8,664
316	CA State U., Fresno	8,597	0	8,597
317	VA State U.	8,562	0	8,562
318	Lincoln U., Jefferson City	8,518	0	8,518
319	Bryn Mawr C.	8,388	0	8,388
320	Western KY U.	8,344	0	8,344
321	C. Charleston	8,320	0	8,320
322	Clark Atlanta U.	8,245	0	8,245
323	West Chester U. PA	8,103	0	8,103
324	Morehouse C.	8,063 i	0 i	8,063 i
325	RI C.	8,027	0	8,027
326	Creighton U.	7,810	23,633	31,443
327	Seton Hall U.	7,701	0	7,701
328	Loyola U., Chicago	7,680	35,028	42,708
329	U. MI, Dearborn	7,554	0	7,554
330	SC State U.	7,533 i	0 i	7,533 i
331	U. TX, Brownsville	7,491	0	7,491
332	U. CO, Colorado Springs	7,425	0	7,425
333	James Madison U.	7,303	0	7,303
334	Thomas Jefferson U.	7,297	97,626	104,923
335	Wellesley C.	7,242	0	7,242
336	Southern U. and A&M C., Baton Rouge	7,215 i	0 i	7,215 i
337	CA State Polytechnic U., Pomona	7,198	0	7,198
338	Gallaudet U.	7,161	0	7,161
339	St. Edward's U.	7,160	0	7,160
340	Norfolk State U.	7,140	0	7,140
341	U. WI, Stevens Point	7,115 i	0 i	7,115 i
342	U. del Turabo	7,098	0	7,098
343	CA State U., Monterey Bay	6,959	0	6,959
344	Clark U.	6,861	0	6,861
345	Nova Southeastern U.	6,779	5,543	12,322
346	MT Tech of U. MT	6,705	0	6,705
347	Claremont Graduate U.	6,589	0	6,589
348	Loyola Marymount U.	6,455	0	6,455

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349	TX Southern U.	6,318	0	6,318
350	CUNY, John Jay C. of Criminal Justice	6,205	0	6,205
351	U. WI, Superior	6,187 i	0 i	6,187 i
352	Cheyney U. PA	6,157	0	6,157
353	Southern U. Agriculture Research and Extension Ctr.	6,143	0	6,143
354	CA State U., San Marcos	6,140 i	0 i	6,140 i
355	Alfred U.	6,084	0	6,084
356	Stephen F. Austin State U.	6,046	0	6,046
357	U. Baltimore	5,944	0	5,944
358	New School	5,868	0	5,868
359	West TX A&M U.	5,847	0	5,847
360	Sam Houston State U.	5,816	0	5,816
361	DePaul U.	5,798	0	5,798
362	U. GU	5,626	0	5,626
363	TX Christian U.	5,595	0	5,595
364	MO State U.	5,584	0	5,584
365	Claflin U.	5,439	0	5,439
366	Carleton C.	5,382	0	5,382
367	Claremont McKenna C.	5,316	0	5,316
368	Grand Valley State U.	5,305 i	0 i	5,305 i
369	Langston U.	5,206	0	5,206
370	Winthrop U.	5,089	0	5,089
371	Kettering U.	5,087	0	5,087
372	Rutgers, State U. NJ, Camden	5,079	0	5,079
373	Drew U.	5,077	0	5,077
374	Bucknell U.	5,043	0	5,043
375	Middle TN State U.	4,969	0	4,969
376	Palmer C. of Chiropractic, Davenport	4,861	0	4,861
377	Fisk U.	4,849	0	4,849
378	Lamar U.	4,762	0	4,762
379	Youngstown State U.	4,732	0	4,732
380	U. of the Pacific	4,704	0	4,704
381	Allen U.	4,673 i	0 i	4,673 i
382	Macalester C.	4,653	0	4,653
383	Amherst C.	4,623	0	4,623
384	SUNY, Upstate Medical U.	4,571	35,417	39,988
385	KY State U.	4,562	0	4,562
386	Smith C.	4,529	0	4,529
387	Williams C.	4,513	0	4,513
388	Northeast OH Medical U.	4,496	9,085	13,581
389	Milwaukee School of Engineering	4,472	0	4,472
390	U. DC	4,422	0	4,422
391	U. WI, La Crosse	4,373 i	0 i	4,373 i
392	U. Northern IA	4,248	0	4,248
393	CUNY, C. Staten Island	4,188	0	4,188
394	Hope C.	4,185	0	4,185
395	WV State U.	4,176	0	4,176
396	Rush U.	4,102	75,110	79,212
397	Southern CT State U.	4,083	0	4,083
398	U. Richmond	4,064	0	4,064

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
399	Barnard C.	4,046	0	4,046
400	U. South FL, St. Petersburg	3,978	0	3,978
401	GA Southern U.	3,912	0	3,912
402	Eastern WA U.	3,910	0	3,910
403	Harvey Mudd C.	3,861	0	3,861
404	Ft. Valley State U.	3,850	0	3,850
405	Appalachian State U.	3,835	0	3,835
406	Central State U.	3,821	0	3,821
407	Eastern KY U.	3,782	0	3,782
408	CUNY, Lehman C.	3,762	0	3,762
409	SUNY, C. of Optometry	3,738	0	3,738
410	Pace U.	3,732	0	3,732
411	Plymouth State U.	3,729	0	3,729
412	Murray State U.	3,718	0	3,718
413	Pomona C.	3,640	0	3,640
414	Montclair State U.	3,621	0	3,621
415	Azusa Pacific U.	3,620	0	3,620
416	Long Island U.	3,595 i	0 i	3,595 i
417	Towson U.	3,574	0	3,574
418	Chapman U.	3,547	0	3,547
419	U. of the Sciences Philadelphia	3,504	0	3,504
420	Albany C. of Pharmacy and Health Sciences	3,496	0	3,496
421	U. San Diego	3,483	0	3,483
422	PA State U., Harrisburg	3,460	0	3,460
423	East TN State U.	3,444	6,805	10,249
424	Franklin and Marshall C.	3,439	0	3,439
425	St. Cloud State U.	3,404	0	3,404
426	Lawrence Technological U.	3,348	0	3,348
427	Nicholls State U.	3,321	0	3,321
428	Mt. Holyoke C.	3,317	0	3,317
429	Rowan U.	3,247	0	3,247
430	PA State U., Erie	3,183	0	3,183
431	Sul Ross State U.	3,183	0	3,183
432	CA State U., Bakersfield	3,162	0	3,162
433	U. NC, Asheville	3,157	0	3,157
434	National U.	3,134	0	3,134
435	TX A&M International U.	3,121	0	3,121
436	Calvin C.	3,113	0	3,113
437	Hamilton C.	3,109	0	3,109
438	St. Joseph's U.	3,073	0	3,073
439	Benedict C.	3,009	0	3,009
440	CA Maritime Academy	3,005	0	3,005
441	Swarthmore C.	2,994	0	2,994
442	TX Woman's U.	2,919	0	2,919
443	Bowdoin C.	2,877	0	2,877
444	Central WA U.	2,858	0	2,858
445	U. WA, Bothell	2,857	0	2,857
446	U. New England	2,844	1,172	4,016
447	St. Francis U.	2,823	0	2,823
448	U. Central AR	2,821	0	2,821

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
449	U. LA, Monroe	2,812	0	2,812
450	CA State U., Dominguez Hills	2,780	0	2,780
451	Lewis and Clark C.	2,778	0	2,778
452	U. TX, Tyler	2,766	0	2,766
453	Haverford C.	2,765	0	2,765
454	Tougaloo C.	2,753	0	2,753
455	U. West GA	2,711	0	2,711
456	Savannah State U.	2,700	0	2,700
457	CA State U., Chico	2,684	0	2,684
458	SUNY, C. Geneseo	2,677	0	2,677
459	U. San Francisco	2,668	0	2,668
460	MN State U., Mankato	2,654	0	2,654
461	CUNY, Baruch C.	2,645	0	2,645
462	Roger Williams U.	2,627	0	2,627
463	SUNY, Buffalo State C.	2,539	0	2,539
464	Northwest Indian C.	2,483	0	2,483
465	Meharry Medical C.	2,473	26,582	29,055
466	Hofstra U.	2,472	0	2,472
467	Lafayette C.	2,426	0	2,426
468	U. Hartford	2,419	0	2,419
469	Middlebury C.	2,408	0	2,408
470	Santa Clara U.	2,407	0	2,407
471	Northern KY U.	2,397	0	2,397
472	U. Metropolitana	2,387	0	2,387
473	U. WI, Oshkosh	2,384	0	2,384
474	Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr.	2,342	0	2,342
475	Keck Graduate Institute	2,313	0	2,313
476	Colgate U.	2,291	0	2,291
477	Keene State C.	2,290	0	2,290
478	Spelman C.	2,273	0	2,273
479	TX A&M U., Commerce	2,242	0	2,242
480	Mills C.	2,237	0	2,237
481	U. NE, Kearney	2,199	0	2,199
482	Shaw U.	2,193	0	2,193
483	Furman U.	2,184	0	2,184
484	Austin Peay State U.	2,180	0	2,180
485	CUNY, York C.	2,180	0	2,180
486	Coastal Carolina U.	2,162	0	2,162
487	Grambling State U.	2,135	0	2,135
488	Bastyr U.	2,121	0	2,121
489	Skidmore C.	2,113	0	2,113
490	Wabash C.	2,098	0	2,098
491	Wiley C.	2,098	0	2,098
492	U. Northern CO	2,078	0	2,078
493	CUNY, Medgar Evers C.	2,065	0	2,065
494	Dickinson C.	2,050	0	2,050
495	Morehead State U.	2,018	0	2,018
496	Chicago State U.	2,014	0	2,014
497	U. New Haven	2,009	0	2,009

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
498	U. IL, Springfield	2,002	0	2,002
499	Western OR U.	1,986	0	1,986
500	IN State U.	1,980	0	1,980
501	Davidson C.	1,977	0	1,977
502	U. PR, Humacao	1,976	0	1,976
503	Kennesaw State U.	1,961	0	1,961
504	Monmouth U.	1,956	0	1,956
505	Southeastern LA U.	1,952	0	1,952
506	Willamette U.	1,940	0	1,940
507	East Central U.	1,937	0	1,937
508	St. Bonaventure U.	1,936	0	1,936
509	Trinity C., Hartford	1,934	0	1,934
510	Pepperdine U.	1,924	0	1,924
511	Bowie State U.	1,910	0	1,910
512	Bradley U.	1,910	0	1,910
513	Bates C.	1,897	0	1,897
514	Arcadia U.	1,888	0	1,888
515	West Liberty U.	1,869	0	1,869
516	NY Institute of Technology	1,858	201	2,059
517	Salisbury U.	1,852	0	1,852
518	Reed C.	1,839	0	1,839
519	Vassar C.	1,838	0	1,838
520	Gonzaga U.	1,819	0	1,819
521	LA State U., Shreveport	1,816	0	1,816
522	Occidental C.	1,809	0	1,809
523	Columbus State U.	1,808	0	1,808
524	CT C.	1,801	0	1,801
525	St. John's U., New York City	1,786	0	1,786
526	Colby C.	1,772	0	1,772
527	Barnes-Jewish C. Goldfarb School of Nursing	1,767	0	1,767
528	New England C. of Optometry	1,751	0	1,751
529	Northwestern Health Sciences U.	1,747	0	1,747
530	U. Houston, Clear Lake	1,746	0	1,746
531	Indiana U. PA	1,736	0	1,736
532	Siena C.	1,714	0	1,714
533	Oberlin C.	1,710	0	1,710
534	Pittsburg State U.	1,687	0	1,687
535	Rider U.	1,672	0	1,672
536	Christopher Newport U.	1,669	0	1,669
537	Niagara U.	1,656	0	1,656
538	CA State U., East Bay	1,644	0	1,644
539	Black Hills State U.	1,643	0	1,643
540	Seattle Pacific U.	1,633	0	1,633
541	Suffolk U.	1,624	0	1,624
542	Daemen C.	1,615	0	1,615
543	Union C., Schenectady	1,615	0	1,615
544	Norwich U.	1,583	0	1,583
545	Augustana C., Sioux Falls	1,578	0	1,578
546	Hobart and William Smith Colleges	1,566	0	1,566
547	McNeese State U.	1,561	0	1,561

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
548	Philadelphia U.	1,561	0	1,561
549	U. Central OK	1,548	0	1,548
550	Hampshire C.	1,530	0	1,530
551	Western IL U.	1,528	0	1,528
552	Elon U.	1,523	0	1,523
553	NM Highlands U.	1,498	0	1,498
554	Kean U.	1,497	0	1,497
555	Salus U.	1,493	0	1,493
556	CA State U., Stanislaus	1,487	0	1,487
557	U. PR, Cayey	1,474	0	1,474
558	U. Detroit Mercy	1,462	0	1,462
559	La Salle U.	1,460	0	1,460
560	Richard Stockton C. NJ	1,455	0	1,455
561	William Paterson U.	1,452	0	1,452
562	Central CT State U.	1,451	0	1,451
563	Stetson U.	1,451	0	1,451
564	Western Carolina U.	1,451	0	1,451
565	Columbia C., Chicago	1,441	0	1,441
566	HI Pacific U.	1,436	0	1,436
567	Purdue U., North Central	1,436	0	1,436
568	U. Redlands	1,432	0	1,432
569	Albany State U.	1,416	0	1,416
570	U. WI, Eau Claire	1,406	0	1,406
571	Valparaiso U.	1,390	0	1,390
572	U. of Mary Washington	1,374	0	1,374
573	Rosalind Franklin U. of Medicine and Science	1,364	12,897	14,261
574	U. WA, Tacoma	1,359	0	1,359
575	U. del Este	1,358	0	1,358
576	Trinity U.	1,355	0	1,355
577	Philadelphia C. of Osteopathic Medicine	1,354	1,047	2,401
578	U. Houston, Downtown	1,351	0	1,351
579	Barry U.	1,350	0	1,350
580	Yeshiva U.	1,347	282,326	283,673
581	Grinnell C.	1,340	0	1,340
582	Lincoln U. of the Commonwealth of PA	1,336	0	1,336
583	Southern OR U.	1,330	0	1,330
584	U. St. Thomas (MN)	1,316	0	1,316
585	Weber State U.	1,314	0	1,314
586	U. WI, Green Bay	1,288 i	0 i	1,288 i
587	Seattle U.	1,274	0	1,274
588	U. AK, Southeast	1,274	0	1,274
589	Rose-Hulman Institute of Technology	1,268	0	1,268
590	SUNY, C. Old Westbury	1,267 i	0 i	1,267 i
591	U. Portland	1,257	0	1,257
592	Saginaw Valley State U.	1,249	0	1,249
593	SUNY, C. Brockport	1,248	0	1,248
594	U. TN, Martin	1,232	0	1,232
595	U. TX, Permian Basin	1,232	0	1,232
596	C. Wooster	1,225	0	1,225
597	Erikson Institute	1,212	0	1,212

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
598	Mercyhurst C.	1,206	0	1,206
599	Angelo State U.	1,201	0	1,201
600	CO C.	1,198	0	1,198
601	Northwestern State U. LA	1,189	0	1,189
602	Wheaton C., Wheaton	1,187	0	1,187
603	Augsburg C.	1,179	0	1,179
604	Winston-Salem State U.	1,179	0	1,179
605	Salish Kootenai C.	1,153	0	1,153
606	U. HI, West O'ahu	1,152 i	0 i	1,152 i
607	SUNY, Farmingdale State C.	1,144	0	1,144
608	Whitman C.	1,142	0	1,142
609	Haskell Indian Nations U.	1,135	0	1,135
610	St. Olaf C.	1,130	0	1,130
611	Pacific U.	1,129	0	1,129
612	Alliant International U.	1,111	0	1,111
613	Western New England C.	1,111	0	1,111
614	Governors State U.	1,099	0	1,099
615	IN U., South Bend	1,099	0	1,099
616	SUNY, C. Plattsburgh	1,098	0	1,098
617	Shippensburg U. PA	1,049	0	1,049
618	New C. FL	1,046	0	1,046
619	Evergreen State C.	1,025	0	1,025
620	Ithaca C.	1,025	0	1,025
621	Doane C.	1,022	0	1,022
622	Scripps C.	1,018	0	1,018
623	Sewanee: U. of the South	1,017	0	1,017
624	Franklin W. Olin C. of Engineering	1,016	0	1,016
625	Dakota State U.	1,015	0	1,015
626	IL Wesleyan U.	1,014	0	1,014
627	U. NC, Pembroke	998	0	998
628	MN State U., Moorhead	982	0	982
629	SUNY, C. Oswego	977	0	977
630	Hendrix C.	970	0	970
631	SUNY, C. Cortland	968	0	968
632	Drake U.	966	0	966
633	Dine C.	959 i	0 i	959 i
634	C. of the Holy Cross	957	0	957
635	Dominican U. CA	948	0	948
636	Agnes Scott C.	938	0	938
637	SUNY, C. of Agriculture and Technology, Cobleskill	938	0	938
638	Washington and Jefferson C.	932	0	932
639	Southern Polytechnic State U.	924	0	924
640	U. South FL, Sarasota-Manatee	914	0	914
641	Heidelberg U.	913 i	0 i	913 i
642	U. MN, Morris	899	0	899
643	St. John's U., Collegeville	891	0	891
644	U. SC, Beaufort	882	0	882
645	PA State U., Beaver	875	0	875
646	C. of St. Benedict	867	0	867
647	Western U. of Health Sciences	867	901	1,768

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
648	U. Western States	858	0	858
649	Andrews U.	854	0	854
650	Fuller Theological Seminary	842	0	842
651	Northern MI U.	841	0	841
652	Roseman U. of Health Sciences	840	0	840
653	MS Valley State U.	830	0	830
654	Sinte Gleska U.	826	0	826
655	Sonoma State U.	825	0	825
656	U. South FL, Polytechnic	824	0	824
657	SUNY, Institute of Technology, Utica/Rome	811	0	811
658	Mesa State C.	802	0	802
659	Albion C.	799	0	799
660	LeTourneau U.	796	0	796
661	National C. of Natural Medicine	791	0	791
662	Southern CA C. of Optometry	789	0	789
663	Rhodes C.	788	0	788
664	Loyola U., MD	787	0	787
665	Radford U.	784	0	784
666	U. WI, Whitewater	782 i	0 i	782 i
667	Loyola U., New Orleans	779	0	779
668	PA State U., Altoona	773	0	773
669	U. MI, Flint	767	0	767
670	Wilberforce U.	763 i	0 i	763 i
671	Providence C.	758	0	758
672	Lake Superior State U.	752	0	752
673	U. SC, Aiken	750	0	750
674	Auburn U., Montgomery	749	0	749
675	Touro U., Vallejo	746	1,033	1,779
676	Toyota Technological Institute Chicago	746	0	746
677	John Carroll U.	743	0	743
678	CA Lutheran U.	741	0	741
679	Alverno C.	740	0	740
680	St. Michael's C.	734	0	734
681	La Sierra U.	732	0	732
682	OH Wesleyan U.	719	0	719
683	Eastern IL U.	716	0	716
684	U. WI, Platteville	715 i	0 i	715 i
685	Truman State U.	710	0	710
686	Sojourner-Douglass C.	709	0	709
687	Armstrong Atlantic State U.	708	0	708
688	Allegheny C.	707	0	707
689	Southern U. and A&M C., New Orleans	706	0	706
690	Babson C.	696	0	696
691	Frostburg State U.	686	0	686
692	Midwestern U., Downers Grove	672	3,350	4,022
693	Gettysburg C.	669	0	669
694	Capitol C.	667	0	667
695	U. of the Incarnate Word	667	0	667
696	Millersville U. PA	665	0	665
697	Muhlenberg C.	661	0	661

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
698	Augustana C., Rock Island	659	0	659
699	MT State U., Billings	656	0	656
700	Northeastern State U.	644	0	644
701	Manhattan C.	638	0	638
702	Mt. St. Mary's C.	626	0	626
703	Jacksonville State U.	624	0	624
704	Simmons C.	621	0	621
705	Susquehanna U.	613	0	613
706	Butler U.	610	0	610
707	MGH Institute of Health Professions	607	0	607
708	Ft. Lewis C.	606	0	606
709	Ursinus C.	594	0	594
710	Sitting Bull C.	593	0	593
711	U. MN, Rochester	591	0	591
712	Minot State U.	590	0	590
713	U. North AL	578 i	0 i	578 i
714	Claremont School of Theology	574	0	574
715	Lake Forest C.	573	0	573
716	Palo Alto U.	573	0	573
717	SUNY, Purchase C.	569	0	569
718	St. Mary's U., San Antonio	564	0	564
719	Wilkes U.	563	0	563
720	RI School of Design	551	0	551
721	U. CA, Hastings C. of Law	539 i	0 i	539 i
722	Southwestern OK State U.	538	0	538
723	Northeastern IL U.	533	0	533
724	Benedictine U.	530	0	530
725	U. Puget Sound	530	0	530
726	Ashland U.	526 i	0 i	526 i
727	Emporia State U.	525	0	525
728	CA State U., Channel Islands	524	0	524
729	Bridgewater State C.	521	0	521
730	Philander Smith C.	519	0	519
731	AK Pacific U.	518	0	518
732	Valdosta State U.	512	0	512
733	A. T. Still U. of Health Sciences	501	1,424	1,925
734	Kalamazoo C.	492	0	492
735	U.S. Coast Guard Academy	490	0	490
736	Edinboro U. PA	489	0	489
737	Abilene Christian U.	487	0	487
738	C. NJ	486	0	486
739	Elizabethtown C.	485	0	485
740	National U. of Health Sciences	485	0	485
741	St. Catherine U.	484	0	484
742	Northwest Nazarene U.	481	0	481
743	Centre C.	478	0	478
744	C. of Menominee Nation	477 i	0 i	477 i
745	Southwestern U.	477	0	477
746	Pacific Lutheran U.	471	0	471
747	Earlham C.	468	0	468

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
748	Marine Corps U.	468	0	468
749	Juniata C.	467	0	467
750	MD Institute C. of Art	465	0	465
751	U. WI, River Falls	463 i	0 i	463 i
752	Southeastern OK State U.	462	0	462
753	OH Northern U.	458	0	458
754	U. WI, Parkside	457	0	457
755	Art Ctr. C. of Design	456	0	456
756	IN U., New Albany	456	0	456
757	Washington and Lee U.	455	0	455
758	Mayville State U.	454	0	454
759	Roanoke C.	451	0	451
760	Paine C.	448	0	448
761	SUNY, C. Potsdam	447	0	447
762	Ramapo C. NJ	445	0	445
763	Gannon U.	444	0	444
764	U. SC, Spartanburg	439	0	439
765	Adelphi U.	438	0	438
766	DePauw U.	438	0	438
767	Kenyon C.	433	0	433
768	Olivet U.	427	0	427
769	St. Mary's C. MD	427	0	427
770	Winona State U.	426	0	426
771	Luther C.	425	0	425
772	Bloomsburg U. PA	419	0	419
773	Citadel Military C. SC	415	0	415
774	U. WI, Stout	412 i	0 i	412 i
775	AR Tech U.	410	0	410
776	ME Maritime Academy	404 i	0 i	404 i
777	NY Chiropractic C.	404	0	404
778	Cooper Union for the Advancement of Science and Art	402	0	402
779	Millsaps C.	400	0	400
780	Vanguard U.	394	0	394
781	Des Moines U.	392	532	924
782	Southern C. of Optometry	392	0	392
783	Rollins C.	377	0	377
784	VA Military Institute	374	0	374
785	SUNY, Health Science Ctr. Brooklyn	372	41,621	41,993
786	Messiah C.	365	0	365
787	CO State U., Pueblo	364	0	364
788	Baldwin-Wallace C.	360	0	360
789	Polytechnic U. PR	360	0	360
790	Eastern NM U., Portales	357	0	357
791	Eckerd C.	357	0	357
792	CUNY, New York City C. of Technology	343	0	343
793	SUNY, C. Fredonia	343	0	343
794	Sweet Briar C.	339	0	339
795	U. VA's C. Wise	336	0	336
796	Taylor U.	334	0	334
797	Dominican U.	333	0	333

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
798	Widener U., Chester	332	0	332
799	Concordia C.	330	0	330
800	Gustavus Adolphus C.	330	0	330
801	Salve Regina U.	322	0	322
802	MT State U., Havre	319	0	319
803	St. Joseph's C. ME	318 i	0 i	318 i
804	Bryant U.	316	0	316
805	Coe C.	310	0	310
806	U. MT, Western	309	0	309
807	Marist C.	306	0	306
808	Shepherd U.	303	0	303
809	IN U., Gary	297	0	297
810	Oglala Lakota C.	296	0	296
811	Mercy C.	293	0	293
812	Dickinson State U.	289	0	289
813	Bryn Athyn C.	287	0	287
814	Harding U.	284	0	284
815	U. Bridgeport	284	0	284
816	Hamline U.	283	0	283
817	Slippery Rock U. PA	282	0	282
818	U. Southern IN	279	0	279
819	Jacksonville U.	276	0	276
820	PA State U., Great Valley School of Graduate Professional Studies	275	0	275
821	Francis Marion U.	274	0	274
822	Edison State C.	269 i	0 i	269 i
823	Washburn U.	269	0	269
824	Pitzer C.	268	0	268
825	New England School of Acupuncture	266	0	266
826	Eastern OR U.	265	0	265
827	Kutztown U. PA	263	0	263
828	Southern AR U.	259	0	259
829	OR Institute of Technology	258	0	258
830	SUNY, C. Oneonta	254	0	254
831	NE Wesleyan U.	251	0	251
832	East Stroudsburg U. PA	250	0	250
833	WV Wesleyan C.	250	0	250
834	Coker C.	245	0	245
835	Marywood U.	243	0	243
836	Wittenberg U.	243	0	243
837	Carthage C.	242	0	242
838	Christian Brothers U.	242 i	0 i	242 i
839	Lawrence U.	241	0	241
840	Southern UT U.	241	0	241
841	CA U. PA	240	0	240
842	U. Pittsburgh, Bradford	239	0	239
843	Wheaton C., Norton	239	0	239
844	U. Sioux Falls	238	0	238
845	SUNY, C. of Agriculture and Technology, Morrisville	233	0	233
846	Future Generations Graduate School	227	0	227
847	Ouachita Baptist U.	224	0	224

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
848	Unity C.	224	0	224
849	SUNY, Fashion Institute of Technology	223	0	223
850	Johnson State C.	222	0	222
851	Bemidji State U.	221	0	221
852	U. Scranton	221	0	221
853	Regis U.	218	0	218
854	Sage Colleges, system office	218	0	218
855	Austin C.	217	0	217
856	Concord U.	216	0	216
857	Eastern CT State U.	216	0	216
858	Eastern Mennonite U.	214	0	214
859	Berea C.	212	0	212
860	Iona C.	212	0	212
861	LeMoyne-Owen C.	209	0	209
862	Northwest MO State U.	209	0	209
863	North Central C.	208	0	208
864	Jarvis Christian C.	206	0	206
865	Canisius C.	205	0	205
866	U. Central MO	205	0	205
867	Alderson-Broaddus C.	200 i	0 i	200 i
868	Bellarmino U.	200	0	200
869	Lycoming C.	195	0	195
870	Palmer C. of Chiropractic, Pt. Orange	195	0	195
871	Union Graduate C.	191	0	191
872	Colby-Sawyer C.	187	0	187
873	Southeast MO State U.	187	0	187
874	Chicago School of Professional Psychology	186	0	186
875	Valley City State U.	185 i	0 i	185 i
876	Bard C.	183	0	183
877	Dowling C.	183	0	183
878	SUNY, New Paltz	180	0	180
879	Lyon C.	179	0	179
880	National Flight Test Institute	177	0	177
881	Ferrum C.	176	0	176
882	Prescott C.	176	0	176
883	Bank Street C. of Ed.	171	0	171
884	Goucher C.	170	0	170
885	Linfield C.	170	0	170
886	U. Dallas	170	0	170
887	Bluefield State C.	162	0	162
888	U. PR, Ponce	160	0	160
889	MS C.	158	0	158
890	Regent U.	157	0	157
891	Utica C.	157	0	157
892	U. MN, Crookston	153	0	153
893	PA State U., Berks	151	0	151
894	NY Medical C.	149	27,167	27,316
895	Eastern VA Medical School	135	36,434	36,569
	Albany Medical C.	0	20,876	20,876
	Baylor C. of Medicine	0	466,061	466,061

TABLE 21. Non-medical school higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures, by source of funds: FY 2011

(Dollars in thousands)

Rank	Institution	All non-medical school R&D expenditures	All medical school R&D expenditures	All R&D expenditures
	Edward Via C. of Osteopathic Medicine	0	2,453	2,453
	Kansas City U. of Medicine and Biosciences	0	239	239
	LA State U., Medical Ctr., Shreveport	0	31,021	31,021
	Medical C. WI	0	215,358	215,358
	Morehouse School of Medicine	0	33,946	33,946
	Mt. Sinai School of Medicine	0	363,091	363,091
	OK State U. Ctr. for Health Sciences	0	2,815	2,815
	Ponce School of Medicine	0	10,502	10,502
	Uniformed Services U. of the Health Sciences	0	175,365	175,365
	U. Central del Caribe	0	7,515	7,515
	U. AR for Medical Sciences	0	122,066	122,066
	U. MA, Medical School	0	262,714	262,714
	U. of Medicine and Dentistry of NJ	0	234,354	234,354
	U. TN, Health Science Ctr.	0	81,220	81,220
	WV School of Osteopathic Medicine	0	528	528

i = imputed.

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

NOTES: Tied institutions are ranked alphabetically. Institutions ranked are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large multi-campus universities; some are part of state university systems. For a complete listing of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table A-3.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2011.