

TABLE 52. R&D expenditures in the life sciences at universities and colleges, ranked by all FY 2006 life sciences for the first 150 institutions: FY 2003–06 and by subfield for FY 2006

(Dollars in thousands)

Rank	Institution	2003	2004	2005	2006				
					All life sciences	Agricultural sciences	Biological sciences	Medical sciences	Life sciences, nec
	All institutions	23,756,641	25,948,068	27,603,777	28,831,208	2,793,682	9,044,278	15,807,740	1,185,508
1	U. CA, San Francisco	642,645	698,712	728,403	770,485	0	44,073	726,412	0
2	Johns Hopkins U., The ^a	550,700	619,835	674,083	702,207	0	187,148	482,051	33,008
3	U. CA, Los Angeles	613,990	562,755	585,436	609,514	0	21,148	588,366	0
4	Duke U.	433,834	427,955	528,719	553,834	0	105,237	445,961	2,636
5	U. PA	451,063	480,121	528,225	546,624	765	183,593	345,668	16,598
6	U. WA	474,742	481,620	485,173	541,524	13,099	94,439	425,425	8,561
7	U. WI Madison	445,773	473,733	488,831	508,034	43,572	169,105	291,087	4,270
8	Washington U. St. Louis	430,570	443,901	477,021	490,846	0	182,243	303,602	5,001
9	U. MI all campuses	432,951	441,349	492,195	481,245	9,865	124,418	273,961	73,001
10	Baylor C. of Medicine	461,763	476,075	458,694	462,375	0	225,128	237,247	0
11	U. Pittsburgh all campuses	354,931	396,405	449,147	458,627	0	14,192	431,979	12,456
12	U. MN all campuses	372,029	382,932	403,919	434,861	71,992	78,536	273,730	10,603
13	U. CA, Davis	364,029	381,707	404,872	425,934	118,236	133,159	174,539	0
14	Cornell U. all campuses	348,401	356,441	376,860	411,148	87,004	90,080	234,064	0
15	U. MD Baltimore	297,271	317,293	304,396	405,260	0	60,789	324,208	20,263
16	U. CA, San Diego	327,752	359,714	381,402	404,236	55	35,479	367,030	1,672
17	U. TX M. D. Anderson Cancer Ctr.	283,543	317,612	344,804	402,469	0	150,997	251,472	0
18	Yale U.	331,443	366,999	374,599	402,060	1,149	135,460	265,451	0
19	U. FL	295,557	311,513	370,708	390,097	139,882	104,077	129,219	16,919
20	Stanford U.	333,147	373,952	392,129	389,093	0	22,016	367,077	0
21	OH State U. all campuses	255,354	288,853	340,909	373,349	58,109	90,631	222,658	1,951
22	Columbia U. in the City of NY	301,110	322,159	363,922	367,877	0	142,100	222,509	3,268
23	Scripps Research Institute, The	NA	307,910	330,170	367,375	0	367,375	0	0
24	U. NC Chapel Hill	304,618	321,080	339,452	349,179	0	174,836	149,437	24,906
25	U. TX Southwestern Medical Ctr. Dallas	276,692	314,403	320,800	333,237	0	146,709	185,811	717
26	Emory U.	305,031	298,183	319,795	330,039	0	67,089	205,771	57,179
27	Case Western Reserve U.	185,237	179,087	268,303	312,695	0	88,087	219,431	5,177
28	Harvard U.	314,500	351,469	324,112	312,303	0	89,924	222,159	220
29	U. AL Birmingham, The	262,742	288,286	297,702	312,118	0	87,652	222,625	1,841
30	Vanderbilt U.	214,272	250,014	275,664	303,452	0	132,937	161,160	9,355
31	Northwestern U.	213,394	250,795	270,379	300,157	0	92,527	194,274	13,356
32	U. CO all campuses	247,305	272,329	282,598	287,983	13	56,331	224,317	7,322
33	U. IA	230,028	247,550	265,701	274,029	0	60,914	176,678	36,437
34	Mt. Sinai School of Medicine	203,853	212,786	225,293	273,216	0	85,388	187,828	0
35	U. IL Chicago	210,330	232,069	239,554	257,615	0	69,725	175,815	12,075
36	U. Southern CA	225,942	233,541	249,108	256,515	0	13,939	230,525	12,051
37	U. AZ	248,857	255,588	278,726	253,309	56,857	74,685	114,520	7,247
38	U. Cincinnati all campuses	211,405	234,726	244,581	251,055	0	68,813	174,176	8,066
39	U. of Medicine and Dentistry NJ	190,763	209,134	239,778	245,771	0	98,308	147,463	0

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40	OR Health & Science U.	166,291	204,065	226,827	236,976	0	102,631	117,114	17,231
41	U. Rochester	197,436	218,269	231,559	234,547	0	53,821	173,183	7,543
42	U. KY all campuses	187,045	206,585	214,451	230,681	54,404	67,792	104,072	4,413
43	NY U.	193,182	209,064	223,974	229,797	0	88,581	128,998	12,218
44	IN U. all campuses	210,579	233,402	208,902	227,786	0	82,403	136,878	8,505
45	U. GA	207,739	218,663	222,793	224,426	92,534	90,624	36,938	4,330
46	MI State U.	203,510	203,707	205,932	222,066	91,079	100,132	27,496	3,359
47	U. NE all campuses	178,679	202,657	232,085	221,599	60,769	104,705	44,291	11,834
48	LA State U. all campuses	195,419	223,668	229,138	219,906	63,545	107,481	47,982	898
49	U. Chicago	191,112	198,802	214,274	216,635	0	79,292	135,272	2,071
50	SUNY Buffalo all campuses	170,680	185,181	191,492	212,496	0	57,937	146,759	7,800
51	PA State U. all campuses	175,537	198,726	198,841	200,986	73,884	43,241	83,861	0
52	Rockefeller U.	177,216	177,963	185,329	198,779	0	189,558	9,221	0
53	U. CA, Irvine	155,880	171,927	180,436	194,827	0	101,087	93,740	0
54	U. South FL	139,132	169,407	172,849	193,977	0	17,296	176,401	280
55	U. MA Worcester	148,823	169,090	176,349	191,659	0	61,571	80,343	49,745
56	Yeshiva U.	177,236	183,253	193,104	189,416	0	0	189,416	0
57	TX A&M U. all campuses	160,127	167,704	171,899	189,069	85,587	41,401	62,063	18
58	U. CA, Berkeley	174,915	178,073	183,129	180,737	69,794	57,147	53,796	0
59	Wake Forest U.	128,034	130,677	181,685	178,074	0	489	177,585	0
60	Wayne State U.	170,498	182,077	178,254	177,619	0	41,413	126,007	10,199
61	U. TX Medical Branch	150,479	164,172	171,114	177,365	0	72,399	104,966	0
62	Medical U. SC	150,551	163,179	177,965	175,914	0	57,236	69,373	49,305
63	Purdue U. all campuses	145,624	163,164	165,984	175,631	99,355	46,305	22,367	7,604
64	U. TX Health Science Ctr. Houston	149,294	147,328	152,631	175,154	0	24,351	80,350	70,453
65	MA Institute of Technology	76,045	130,170	165,968	172,631	0	148,428	18,335	5,868
66	U. MO-Columbia	151,772	165,113	166,138	169,710	56,144	48,291	56,758	8,517
67	Boston U.	152,133	164,576	168,421	169,662	0	8,772	159,075	1,815
68	U. VA all campuses	141,784	155,682	162,677	168,222	0	64,536	101,729	1,957
69	U. UT	148,016	154,617	163,694	165,066	0	40,630	94,822	29,614
70	NC State U.	135,298	145,675	145,877	162,953	77,488	76,664	0	8,801
71	Rutgers, The State U. NJ all campuses	136,720	144,974	153,739	154,884	41,272	67,415	26,813	19,384
72	U. CT all campuses	133,867	150,176	156,803	154,635	10,818	70,028	70,089	3,700
73	VA Polytechnic Institute and State U.	109,760	115,882	129,454	150,604	76,771	57,229	10,672	5,932
74	U. TX Health Science Ctr. San Antonio	133,304	137,039	142,375	150,040	0	56,850	90,777	2,413
75	U. Miami	120,716	131,424	143,165	147,260	0	27,251	119,475	534
76	Medical C. WI	108,608	139,235	143,540	147,140	0	46,850	100,290	0
77	U. TN all campuses	126,429	131,621	143,820	141,376	35,084	56,060	47,896	2,336
78	Dartmouth C.	103,120	120,511	129,639	140,264	0	5,316	134,948	0
79	U. KS all campuses	121,019	128,426	135,960	137,286	1,051	75,347	38,640	22,248
80	VA Commonwealth U.	107,759	113,794	125,944	130,067	0	47,756	74,954	7,357

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81	U. IL Urbana-Champaign	132,414	131,495	134,291	128,733	49,812	60,838	4,489	13,594
82	WA State U.	107,386	109,290	110,356	124,270	51,153	53,045	7,394	12,678
83	IA State U.	98,658	103,733	106,565	111,494	57,331	38,054	13,197	2,912
84	CO State U.	96,068	96,374	101,279	110,143	31,044	24,262	54,053	784
85	U. NM all campuses	85,772	90,392	108,297	109,570	26	42,293	56,970	10,281
86	U. Louisville	71,379	92,381	105,077	108,833	63	16,925	77,921	13,924
87	OR State U.	95,370	100,349	103,729	108,074	60,383	41,655	4,201	1,835
88	U. AR for Medical Sciences	63,677	74,063	90,987	107,871	0	37,992	67,373	2,506
89	U. VT	94,922	99,972	102,016	107,137	7,744	37,669	49,930	11,794
90	Thomas Jefferson U.	109,083	112,078	107,388	106,986	0	49,272	54,961	2,753
91	Georgetown U.	103,091	111,732	110,052	105,029	0	20,807	81,499	2,723
92	Tulane U.	97,906	107,440	122,618	101,539	0	26,016	23,142	52,381
93	U. OK all campuses	76,789	87,944	97,497	101,346	0	42,569	54,853	3,924
94	Tufts U.	91,883	101,374	102,078	101,279	90	79,566	21,605	18
95	MS State U.	80,613	94,584	97,315	98,183	85,175	5,211	5,407	2,390
96	SUNY Stony Brook all campuses	107,434	116,965	118,250	97,924	0	51,599	46,172	153
97	SUNY Albany	72,593	90,232	102,721	96,729	0	96,729	0	0
98	U. HI Manoa	63,989	99,014	84,326	83,980	15,379	3,287	52,753	12,561
99	Brown U.	65,444	68,879	71,997	82,681	0	31,805	19,740	31,136
100	Rush U.	87,056	86,802	81,032	81,159	0	18,817	60,054	2,288
101	Auburn U. all campuses	73,767	79,811	80,632	80,290	41,407	8,178	14,129	16,576
102	WV U.	59,881	61,925	71,207	79,957	19,272	18,045	38,049	4,591
103	KS State U.	71,803	78,673	80,444	79,617	50,442	28,416	759	0
104	TX A&M U. System Health Science Ctr.	53,382	61,405	70,696	74,132	8	48	74,072	4
105	MT State U. Bozeman	53,672	58,661	70,876	71,686	52,271	17,472	879	1,064
106	U. MS all campuses	54,512	52,366	64,436	64,905	0	9,744	38,306	16,855
107	U. CA, Riverside	61,621	58,891	66,421	64,407	11,080	50,742	2,585	0
108	Uniformed Services U. of the Health Sciences	30,604	89,850	78,608	63,175	0	7,461	55,714	0
109	Medical C. GA	56,398	58,808	67,278	61,174	0	39,610	21,552	12
110	OK State U. all campuses	57,737	58,529	59,077	60,369	33,266	23,209	3,721	173
111	U. MD College Park	60,183	58,758	61,801	60,333	40,904	12,107	0	7,322
112	U. AR main campus	51,878	56,053	56,408	59,420	54,375	3,341	0	1,704
113	ND State U. all campuses	52,693	56,857	56,939	58,219	47,637	3,557	7,025	0
114	Temple U.	42,315	53,739	56,742	56,304	471	20,689	30,320	4,824
115	U. ID	53,644	55,187	53,851	55,712	32,227	15,755	7,700	30
116	U. CA Office of the President	NA	56,382	59,470	54,580	6,353	3,444	44,783	0
117	Clemson U.	47,986	49,788	49,709	52,287	29,125	19,712	3,055	395
118	UT State U.	39,803	45,921	47,663	51,247	35,177	9,586	6,286	198
119	U. WY	27,752	27,752 e	33,885	51,003	22,306	19,512	8,940	245
120	U. TX Austin	43,886	44,309	48,211	48,983	189	29,550	18,607	637
121	Drexel U.	31,036	35,854	41,882	48,341	0	26,525	20,073	1,743
122	U. NV, Reno	45,815	48,236	52,114	47,284	13,232	25,448	8,387	217

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123	Charles R. Drew U. of Medicine and Science	49,888	51,994	43,231	47,188	0	0	47,188	0
124	U. MD Biotechnology Institute	34,615	37,073	44,838	47,012	11,915	28,938	0	6,159
125	AZ State U. main campus	32,025	29,588	45,181	46,523	998	40,756	3	4,766
126	St. Louis U. all campuses	39,869	39,869 e	45,844	46,044	0	16,246	29,626	172
127	George Washington U.	41,984	42,195	44,412	44,856	0	12,637	32,219	0
128	CA Institute of Technology	36,353	44,270	44,305	44,259	0	44,259	0	0
129	U. MA Amherst	33,195	34,791	37,850	42,797	19,183	17,996	3,191	2,427
130	Southern IL U. Carbondale	34,031	32,716	36,055	40,662	8,569	8,116	22,476	1,501
131	U. SC all campuses	41,565	38,926	39,742	40,297	0	10,435	29,472	390
132	NM State U. all campuses	25,484	25,766	29,198	39,424	33,393	5,166	0	865
133	Princeton U.	33,738	38,198	41,607	38,653	0	38,653	0	0
134	U. PR Medical Sciences Campus	31,124 i	34,092	35,809	38,424	0	0	38,424	0
135	SUNY Upstate Medical U.	25,931	32,090	34,931	37,181	0	9,562	27,619	0
136	U. ME	23,116	31,107	26,774	37,181	23,481	11,750	42	1,908
137	Loyola U. Chicago	35,556	34,145	36,593	35,999	0	15,527	19,250	1,222
138	U. MT-Missoula, The	28,130	33,350	36,797	35,129	9,495	13,073	12,157	404
139	NY Medical C.	30,492	33,521	32,460	34,397	0	25,798	8,599	0
140	U. AK Fairbanks all campuses	25,521	29,193	29,679	33,673	14,827	18,846	0	0
141	Eastern VA Medical School	32,801	33,798	33,721	33,013	0	6,399	26,614	0
142	Meharry Medical C.	25,427	27,507	29,105	32,878	0	28,588	4,290	0
143	Loma Linda U.	26,227	29,648	29,898	32,234	0	12,511	19,450	273
144	SUNY Health Science Ctr. Brooklyn	30,680 i	30,207 i	29,732	31,064	0	11,578	19,486	0
145	Wright State U. all campuses	20,531	21,437	25,393	30,574	0	3,301	26,441	832
146	FL State U.	26,507	32,559	29,859	30,403	0	18,249	8,232	3,922
147	U. DE	23,301	25,244	26,600	28,596	18,248	5,490	0	4,858
148	Morehouse School of Medicine	27,154	33,317	30,652	28,378	0	8,737	19,641	0
149	Brandeis U.	24,747	27,311	29,005	27,465	0	27,465	0	0
150	SD State U.	22,702	25,363	26,556	27,454	17,830	3,985	250	5,389
	All other sampled institutions	1,063,117	1,155,641	1,247,356	1,293,396	197,624	674,052	302,963	118,757

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported; i = data point imputed; NA = not available; institution was not surveyed separately.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$20 million in total R&D expenditures in the life sciences.

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 2006.