

Table B-58. R&D expenditures in the life sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the life sciences: fiscal years 1997-2000 and by subfield for 2000

[Dollars in thousands]

Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Agri-cultural sciences	Bio-logical sciences	Medical sciences	Other
Total, all institutions	13,587,569	14,592,547	15,631,696	17,479,853	2,178,645	5,609,198	9,002,562	689,448
1 U CA San Francisco	343,384	379,970	417,095	429,541	0	59,650	369,884	7
2 Johns Hopkins U	318,588	332,458	356,575	385,907	0	98,701	258,324	28,882
3 U of Washington	274,310	288,925	327,975	372,339	17,003	111,425	239,350	4,561
4 U CA Los Angeles	278,650	313,422	327,302	368,030	0	51,743	312,078	4,209
5 U of Pennsylvania	226,426	266,318	302,186	343,388	519	133,269	199,489	10,111
6 U WI-Madison	246,501	265,262	311,730	341,779	38,597	119,722	179,773	3,687
7 Baylor Col of Medicine	192,744	216,528	272,198	334,175	0	161,269	172,906	0
8 Washington University	231,303	234,810	277,281	324,032	0	152,562	164,561	6,909
9 University of Michigan	241,824	270,466	270,898	306,199	4,409	83,497	183,043	35,250
10 Duke University	203,326	228,396	290,206	298,144	0	66,887	230,670	587
Total, 1st 10 institutions	2,557,056	2,796,555	3,153,446	3,503,534	60,528	1,038,725	2,310,078	94,203
11 University of Minnesota	263,510	261,207	269,055	297,925	60,482	54,228	173,794	9,421
12 U CA Davis	221,022	232,976	248,859	292,503	128,145	84,997	79,361	0
13 Yale University	210,570	225,403	236,121	257,472	1,278	86,408	169,786	0
14 Stanford University	177,006	195,377	216,764	256,252	0	15,260	240,992	0
15 U CA San Diego	191,799	199,279	215,713	255,497	0	40,608	213,430	1,459
16 University of Pittsburgh	170,225	182,827	213,648	253,612	0	9,543	237,966	6,103
17 Harvard University	183,081	195,472	221,419	251,246	0	90,740	153,796	6,710
18 Cornell University	200,441	215,404	222,855	243,158	52,517	52,559	138,082	0
19 U of MD Baltimore	134,808	143,321	140,903	224,346	0	33,652	179,477	11,217
20 University of Florida	191,088	177,226	208,356	220,588	87,305	34,476	95,009	3,798
Total, 1st 20 institutions	4,500,606	4,825,047	5,347,139	6,056,133	390,255	1,541,196	3,991,771	132,911
21 U CA Berkeley	151,055	174,394	173,208	219,128	27,948	105,170	86,010	0
22 U of Alabama Birmingham	187,877	211,039	214,654	216,304	0	66,291	149,166	847
23 Columbia U in City of NY	157,028	170,957	184,913	212,281	0	78,329	132,827	1,125
24 U of NC Chapel Hill	162,616	176,442	189,813	204,646	0	87,196	99,553	17,897
25 Ohio State University	145,702	163,913	169,780	194,937	44,558	52,365	80,300	17,714
26 Emory University	150,242	163,709	179,929	192,492	0	44,884	115,760	31,848
27 U TX SW Med Ctr at Dallas	140,589	153,711	165,520	189,216	0	87,243	101,518	455
28 U of Iowa	135,873	148,007	157,236	183,099	0	44,149	135,912	3,038
29 University of Arizona	144,319	153,625	158,804	180,467	46,745	57,167	74,590	1,965
30 University of Georgia	157,095	148,995	160,990	180,275	87,415	68,244	24,527	89
Total, 1st 30 institutions	6,033,002	6,489,839	7,101,986	8,028,978	596,921	2,232,234	4,991,934	207,889
31 U TX MD Anderson Cncr Ctr ..	124,450	135,100	147,823	173,347	0	76,021	97,326	0
32 University of Colorado	130,305	142,135	149,880	163,132	39	48,199	111,438	3,456
33 U of Southern California	137,378	141,502	145,206	162,756	0	5,824	148,314	8,618
34 Case Western Reserve U	121,432	133,979	143,074	153,776	0	50,163	103,269	344
35 Northwestern University	113,615	133,916	146,887	153,243	0	57,705	87,605	7,933
36 Mt Sinai Sch Med	94,776	109,448	127,765	149,846	0	58,576	91,270	0
37 New York University	123,371	124,351	136,329	147,489	0	44,200	64,090	39,199
38 Pennsylvania State U	93,820	99,746	101,867	147,340	63,436	56,446	23,825	3,633
39 Louisiana State U System	121,908	124,209	130,209	147,295	54,345	56,366	35,966	618
40 Texas A&M University	144,744	159,093	164,646	146,600	66,793	33,216	46,591	0
Total, 1st 40 institutions	7,238,801	7,793,318	8,495,672	9,573,802	781,534	2,718,950	5,801,628	271,690
41 University of Kentucky	90,936	117,731	126,650	145,901	56,606	3,184	82,698	3,413
42 Michigan State University	117,219	120,904	130,392	143,190	62,234	61,741	17,248	1,967
43 U of IL Chicago	103,074	110,518	127,786	142,203	0	39,590	94,381	8,232
44 U Med & Dent of NJ	110,383	114,491	126,277	140,951	0	55,491	85,460	0
45 Yeshiva University	96,819	99,000	111,771	139,618	0	33,843	76,148	29,627
46 Vanderbilt University	98,318	109,534	117,715	137,734	0	69,404	59,285	9,045
47 NC State University	110,190	121,736	134,338	136,438	70,131	63,084	0	3,223
48 University of Cincinnati	115,869	129,578	115,975	135,543	0	45,463	84,952	5,128
49 Indiana University	99,219	110,220	119,441	131,540	95	40,531	87,059	3,855
50 Oregon Health Sciences U	93,635	105,735	116,422	126,445	0	51,801	65,485	9,159
Total, 1st 50 institutions	8,274,463	8,932,765	9,722,439	10,953,365	970,600	3,183,082	6,454,344	345,339

See explanatory information and SOURCE at end of table.

Table B-58. R&D expenditures in the life sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the life sciences: fiscal years 1997-2000 and by subfield for 2000

[Dollars in thousands]

Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Agri-cultural sciences	Bio-logical sciences	Medical sciences	Other
51 University of Rochester	94,688	111,899	110,841	124,571	0	37,694	81,799	5,078
52 University of Utah	89,029	94,383	98,011	124,257	0	34,153	52,488	37,616
53 SUNY at Buffalo	90,923	93,114	105,524	124,168	0	52,362	63,675	8,131
54 University of Chicago	104,122	103,348	108,200	121,687	0	38,325	82,954	408
55 Wayne State University	93,689	104,460	114,217	120,701	0	2,925	116,063	1,713
56 Georgetown University	110,351	106,347	98,480e	119,611	0	10,910	107,609	1,092
57 UT Houston Hlth Sci Ctr	95,638	101,993	105,307	119,587	0	33,997	68,805	16,785
58 University of Virginia	69,703	88,752	102,816	117,971	0	41,997	71,776	4,198
59 Rockefeller U, The	101,395	109,008	115,715	117,079	0	112,967	4,112	0
60 U of Missouri Columbia	91,673	98,662	105,545	112,396	48,455	30,760	31,259	1,922
Total, 1st 60 institutions	9,215,674	9,944,731	10,787,095	12,155,393	1,019,055	3,579,172	7,134,884	422,282
61 U CA Irvine	75,840	86,093	94,991	107,771	0	57,143	49,477	1,151
62 Purdue University	93,060	96,025	101,479	106,891	42,348	46,279	13,821	4,443
63 U TX Hlth Sci Ctr San Ant	86,019	82,357	87,804	103,824	0	34,974	68,850	0
64 Boston University	79,997	83,544	94,478	103,731	0	6,944	95,805	982
65 University of Miami	94,398	92,385	97,838	103,472	0	20,681	82,709	82
66 Rutgers the State U NJ	85,290	91,706	97,017	99,301	34,199	42,223	17,518	5,361
67 University of Connecticut	75,564	79,719	81,970	97,825	9,953	35,293	50,379	2,200
68 U of IL Urbana-Champaign	71,006	81,436	87,213	97,752	48,239	41,353	5,560	2,600
69 U MA Worcester	71,346	82,950	83,040	97,587	0	32,296	40,328	24,963
70 U TX Med Br at Galveston	76,484	85,219	92,274	96,406	0	41,471	54,655	280
Total, 1st 70 institutions	10,024,678	10,806,165	11,705,199	13,169,953	1,153,794	3,937,829	7,613,986	464,344
71 Colorado State University	68,218	77,765	96,230	96,098	57,129	31,277	7,692	0
72 U of South Florida	58,771	63,616	82,586	95,756	0	3,107	91,892	757
73 University of Kansas	61,927	66,492	82,370	95,317	60	47,159	26,894	21,204
74 U of Tennessee System	83,464	85,380	92,957	95,074	28,762	27,690	37,253	1,369
75 Thomas Jefferson U	69,228	69,460	78,410	89,626	0	42,590	45,792	1,244
76 SUNY at Stony Brook	72,394	77,768	79,447	89,558	0	49,072	39,652	834
77 Wake Forest University	74,089	75,987	81,220	85,675	0	592	85,083	0
78 VA Polytech Inst & St U	65,396	66,495	73,781	84,265	63,870	11,741	4,810	3,844
79 Tufts University	67,094	73,437	80,592	83,227	0	73,036	8,858	1,333
80 Oregon State University	80,008	83,238	83,992	82,485	52,052	26,003	2,956	1,474
Total, 1st 80 institutions	10,725,267	11,545,803	12,536,784	14,067,034	1,355,667	4,250,096	7,964,868	496,403
81 Iowa State University	74,475	75,816	78,037	79,334	42,644	32,227	3,594	869
82 Virginia Commonwealth U	70,273	70,968	69,763	75,323	0	26,825	46,724	1,774
83 Mississippi State U	53,238	62,253	65,748	75,070	68,358	1,440	5,126	146
84 MA Institute of Tech	42,738	42,744	66,924	73,228	254	57,181	14,553	1,240
85 Washington State U	59,631	64,805	65,632	70,714	25,070	38,726	3,866	3,052
86 Medical Col of Wisconsin	51,629	56,021	61,446	70,581	0	28,980	41,601	0
87 Tulane University	70,668	72,246	72,140	70,301	0	10,196	27,513	32,592
88 Rush University	47,357	52,378	58,166	67,122	0	13,095	52,830	1,197
89 Med U of South Carolina	57,111	57,940	55,819e	65,243	0	19,688	31,648	13,907
90 U of Nebraska at Lincoln	72,914	74,011 i	62,623	64,285	40,692	21,964	0	1,629
Total, 1st 90 institutions	11,325,301	12,174,985	13,193,082	14,778,235	1,532,685	4,500,418	8,192,323	552,809
91 University of Oklahoma	50,649	56,247	62,471	63,984	0	26,916	35,404	1,664
92 Univ of Hawaii at Manoa	49,719	57,016	62,503	63,662	18,585	11,520	20,433	13,124
93 Clemson University	40,781	47,941	54,023	62,486	27,124	30,958	887	3,517
94 Dartmouth College	41,417	49,978	53,543	59,803	0	3,269	56,534	0
95 Kansas State University	50,095	54,268	56,739	59,728	43,595	15,881	252	0
96 Auburn University	47,797	48,586	51,324	56,273	40,941	9,588	4,178	1,566
97 University of Vermont	52,487	51,015	56,013	56,067	5,203	21,253	25,677	3,934
98 SUNY at Albany	37,106	28,221	38,486	55,159	0	55,159	0	0
99 U of Nebraska Med Ctr	45,365	50,453	54,205	51,547	0	31,245	20,212	90
100 University of Louisville	26,998	31,008	42,131	49,922	0	16,841	28,675	4,406
Total, 1st 100 institutions	11,767,715	12,649,718	13,724,520	15,356,866	1,668,133	4,723,048	8,384,575	581,110

See explanatory information and SOURCE at end of table.

Table B-58. R&D expenditures in the life sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the life sciences: fiscal years 1997-2000 and by subfield for 2000

[Dollars in thousands]

Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Agri-cultural sciences	Bio-logical sciences	Medical sciences	Other
101 Oklahoma State University	35,653	38,293	45,141	49,269	26,625	17,554	4,888	202
102 U of Arkansas Medical Sci	37,336	39,487	44,066	49,074	0	11,461	37,613	0
103 U CA Riverside	56,461	49,242	45,241	47,470	24,419	20,527	2,524	0
104 U of Arkansas Main	42,188	46,523	43,733	47,239	45,525	1,714	0	0
105 University of New Mexico	34,492	40,612	36,824	46,280	0	25,465	14,349	6,466
106 Medical Col of Georgia	38,725	39,806	41,103	45,596	0	27,765	17,754	77
107 MCP Hahnemann University ..	85,748	95,984	27,254	41,267	0	16,333	20,573	4,361
108 University of Idaho	42,226	41,187	40,633	39,812	31,765	7,022	1,024	1
109 Montana St U Bozeman	31,996	32,362	33,283	39,492	29,341	9,711	119	321
110 U TX at Austin	26,363	25,821	30,561	39,125	113	26,891	11,592	529
Total, 1st 110 institutions	12,198,903	13,099,035	14,112,359	15,801,490	1,825,921	4,887,491	8,495,011	593,067
111 Brown University	28,892	30,976	34,242	38,501	0	6,102	28,495	3,904
112 U MD at College Park	31,579	33,772	35,966	37,526	18,670	15,296	0	3,560
113 North Dakota State U	25,193	32,362	33,813	37,124	33,003	1,985	2,136	0
114 Utah State University	32,815	32,316	33,636	35,626	22,774	6,518	6,334	0
115 West Virginia University	28,469	34,199	33,247	32,628	7,566	6,535	18,527	0
116 California Inst of Tech	31,240	32,425	26,791	31,932	0	31,932	0	0
117 SUNY Hlth Sci Ctr Brklyn	29,727	27,517	28,840	31,626	0	18,509	13,041	76
118 C R Drew U of Med & Sci	17,205e	17,205e	24,484	31,045	0	0	31,045	0
119 Temple University	39,912	46,219	39,957	30,675	4	15,256	14,383	1,032
120 Saint Louis University	25,356	26,000	27,118	29,888	0	11,981	13,557	4,350
Total, 1st 120 institutions	12,489,291	13,412,026	14,430,453	16,138,061	1,907,938	5,001,605	8,622,529	605,989
121 U MA Amherst	23,134	26,555	26,596	28,833	17,314	9,043	0	2,476
122 Texas Tech University	21,078	22,446	24,337	28,017	11,165	10,805	5,555	492
123 U of Nevada Reno	21,862	21,761	18,855	26,014	10,296	11,815	3,616	287
124 U Mississippi, All Camp	18,286	20,175	7,783	25,918	0	6,797	18,542	579
125 TX A&M U Sys Hlth Sci Ctr	--	--	--	25,719	0	1,540	24,048	131
126 Loyola U of Chicago	25,888	28,980	25,799	25,087	0	11,203	13,090	794
127 U of South Carolina	17,431	18,180	23,387	24,371	0	6,349	18,022	0
128 Unif Svcs U of Hlth Sci	18,812	20,309	22,898	23,987	0	8,331	15,656	0
129 S Illinois U Carbondale	16,445	16,616	18,967	23,401	9,120	6,213	7,443	625
130 New York Medical College	16,890	19,159	20,436	23,348	0	11,800	11,548	0
Total, 1st 130 institutions	12,669,117	13,606,207	14,619,511	16,392,756	1,955,833	5,085,501	8,740,049	611,373
131 George Washington U	21,627	26,872	23,269	23,310	0	479	22,814	17
132 Eastern VA Med School	19,109	21,672	24,096	23,299	0	9,369	13,820	110
133 Princeton University	17,693	17,843	19,429	23,185	0	23,185	0	0
134 U MD Biotechnology Inst	22,188	23,944	23,425	22,504	5,379	16,940	0	185
135 Loma Linda University	12,397	12,788	18,818	21,488	0	5,456	16,032	0
136 U PR Med Sci Campus	15,575	19,830	17,114	21,373	0	0	21,373	0
137 San Diego St University	20,185	19,023	19,928	20,629	264	10,407	8,552	1,406
138 Univ of Montana, The	14,736	13,896	16,707	20,509	8,012	9,634	1,682	1,181
139 University of Delaware	13,272	17,180	17,348	20,227	16,566	3,256	0	405
140 Brandeis University	19,992	20,304	20,127	20,159	0	20,159	0	0
Total, 1st 140 institutions	12,845,891	13,799,559	14,819,772	16,609,439	1,986,054	5,184,386	8,824,322	614,677

See explanatory information and SOURCE at end of table.

Table B-58. R&D expenditures in the life sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the life sciences: fiscal years 1997-2000 and by subfield for 2000

[Dollars in thousands]

Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Agri-cultural sciences	Bio-logical sciences	Medical sciences	Other
141 U of Alaska Fairbanks	18,612 i	19,562 i	17,234	19,887	8,509	11,378	0	0
142 U PR Mayaguez Campus	35,732	37,691	41,981	19,339	18,493	846	0	0
143 New Mexico State Univ	19,466	16,330	17,582	19,165	17,331	1,768	20	46
144 U of Maine	16,547	14,276	16,742	18,431	7,297	8,987	0	2,147
145 U of LA Lafayette	12,156	12,461	14,834	18,167	251	4,086	13,327	503
146 University of Wyoming	17,640	19,657	21,491	17,512	13,590	3,768	154	0
147 Wright State University	10,031	11,943	14,093	17,350	0	2,604	14,599	147
148 SUNY Upstate Med U	14,914	14,089	15,099	17,095	0	9,332	7,763	0
149 University of Oregon	14,652	14,451	13,986	16,949	0	8,261	8,688	0
150 Morehouse School of Med	12,828	13,213	13,622	16,889	0	6,899	9,990	0
Total, 1st 150 institutions	13,018,469	13,973,232	15,006,436	16,790,223	2,051,525	5,242,315	8,878,863	617,520
Total, all other sampled institutions	569,100	619,315	625,260	689,630	127,120	366,883	123,699	71,928

KEY: -- = not available
e = estimated
i = imputed

NOTE: Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000