

Table B-61. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by fiscal year 2000 total R&D expenditures in the biological sciences: fiscal years 1997-2000

[Dollars in thousands]

Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
Total, all institutions	4,180,017	4,580,587	5,033,339	5,609,198	2,682,421	2,935,471	3,214,457	3,646,207
1 Baylor Col of Medicine	90,293	102,767	134,205	161,269	57,942	66,773	85,138	115,970
2 Washington University	100,405	95,844	121,658	152,562	74,634	72,471	93,845	117,727
3 U of Pennsylvania	81,693	98,883	116,607	133,269	63,478	74,506	89,125	102,380
4 U WI-Madison	82,079	86,299	109,170	119,722	44,225	45,740	54,115	61,131
5 Rockefeller U, The	97,090e	105,085	110,870	112,967	35,705e	36,524	37,924	37,997
6 U of Washington	79,935	83,666	98,301	111,425	68,837	69,824	75,050	77,047
7 U CA Berkeley	49,104	57,018	84,488	105,170	35,686	38,030	48,568	59,746
8 Johns Hopkins U	74,819	79,603i	89,017	98,701	59,159	61,961i	69,030	78,137
9 Harvard University	90,128	98,793	108,751	90,740	75,938	87,418	95,605	77,164
10 U TX SW Med Ctr at Dallas	65,159	70,310	73,654	87,243	44,924	48,414	48,667	54,978
Total, 1st 10 institutions	810,705	878,268	1,046,721	1,173,068	560,528	601,661	696,867	782,277
11 U of NC Chapel Hill	73,124	77,094	80,602	87,196	52,158	59,372	60,698	66,577
12 Yale University	72,801	73,251	78,469	86,408	59,995	61,187	65,121	72,024
13 U CA Davis	9,202	45,546	62,830	84,997	2,945	16,220	25,046	35,990
14 University of Michigan	67,366	81,606	77,403	83,497	46,141	55,139	57,611	60,459
15 Columbia U in City of NY	62,300	67,051	75,186	78,329	54,053	59,234	64,933	71,417
16 U TX MD Anderson Cncr Ctr ..	54,206	61,342	67,760	76,021	23,572	27,871	32,330	37,732
17 Tufts University	58,311	65,091	71,567	73,036	41,922	46,613	48,542	49,247
18 Vanderbilt University	50,932	55,890	57,323	69,404	43,197	48,206	47,819	56,644
19 University of Georgia	66,483	57,443	64,073	68,244	27,786	27,760	27,675	29,784
20 Duke University	38,865	52,402	62,002	66,887	31,929	44,178	51,986	54,605
Total, 1st 20 institutions	1,364,295	1,514,984	1,743,936	1,947,087	944,226	1,047,441	1,178,628	1,316,756
21 U of Alabama Birmingham	57,694	59,679	62,859	66,291	44,772	45,928	49,015	51,231
22 NC State University	48,201	59,658	58,039	63,084	14,387	14,900	12,774	16,409
23 Michigan State University	49,779	51,575	55,665	61,741	26,286	26,600	28,137	28,080
24 U CA San Francisco	0	0	0	59,650	0	0	0	45,399
25 Mt Sinai Sch Med	27,337	39,868	49,611	58,576	20,184	30,207	38,074	43,900
26 Northwestern University	42,983	53,124	51,343	57,705	29,391	35,196	37,665	41,056
27 MA Institute of Tech	42,427	42,744	52,411	57,181	32,807	33,826	40,848	44,122
28 University of Arizona	47,202	51,099	50,545	57,167	25,141	27,714	27,421	32,101
29 U CA Irvine	44,763	46,390	48,952	57,143	28,318	28,833	33,036	39,950
30 Pennsylvania State U	43,595	46,249	53,873	56,446	27,385	20,790	32,794	35,919
Total, 1st 30 institutions	1,768,276	1,965,370	2,227,234	2,542,071	1,192,897	1,311,435	1,478,392	1,694,923
31 Louisiana State U System	43,784	42,916	50,931	56,366	23,000	25,422	29,572	32,581
32 U Med & Dent of NJ	46,139	45,160	50,211	55,491	26,830	27,962	30,107	37,135
33 SUNY at Albany	37,106	28,221	38,486	55,159	30,678	23,274	34,434	50,670
34 University of Minnesota	46,667	50,431	53,502	54,228	30,417	33,549	35,396	33,317
35 Cornell University	49,038	52,606	49,823	52,559	27,844	29,908	28,645	29,243
36 Ohio State University	41,428	43,622	46,073	52,365	24,511	24,693	24,205	28,026
37 SUNY at Buffalo	38,429	43,013	47,346	52,362	27,854	27,738	29,596	33,921
38 Oregon Health Sciences U	23,281i	28,179i	31,026i	51,801	18,384i	24,220i	28,203i	45,755
39 U CA Los Angeles	16,047	50,563	47,043	51,743	12,335	36,659	31,370	33,860
40 Case Western Reserve U	37,709	42,420	45,270	50,163	27,331	31,789	34,726	39,255
Total, 1st 40 institutions	2,147,904	2,392,501	2,686,945	3,074,308	1,442,081	1,596,649	1,786,639	2,058,686
41 SUNY at Stony Brook	37,263	42,708	44,046	49,072	24,638	28,204	28,424	30,859
42 University of Colorado	38,274	41,438	40,601	48,199	31,599	32,731	34,279	41,457
43 University of Kansas	39,529	37,581	41,879	47,159	19,116	20,141	19,769	22,870
44 Purdue University	42,484	43,305	44,636	46,279	17,621	17,283	17,221	18,839
45 University of Cincinnati	35,761	45,159	42,373	45,463	22,736	29,132	30,223	34,337
46 Emory University	34,336	37,531	40,742	44,884	27,045	31,097	33,978	37,809
47 New York University	40,876	41,339	43,356	44,200	31,367	33,767	33,815	34,497
48 U of Iowa	31,113	34,996	37,860	44,149	20,347	21,700	23,798	27,879
49 Thomas Jefferson U	36,870	37,076	39,632	42,590	28,351	30,322	29,724	34,650
50 Rutgers the State U NJ	35,644	40,216	39,776	42,223	9,769	11,162	11,494	13,960
Total, 1st 50 institutions	2,520,054	2,793,850	3,101,846	3,528,526	1,674,670	1,852,188	2,049,364	2,355,843

See explanatory information and SOURCE at end of table.

Table B-61. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by fiscal year 2000 total R&D expenditures in the biological sciences: fiscal years 1997-2000

[Dollars in thousands]

Page 2 of 3

Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
51 University of Virginia	22,762	28,444	35,555	41,997	18,180	22,523	25,905	31,196
52 U TX Med Br at Galveston	0	0	43,909	41,471	0	0	27,303	27,499
53 U of IL Urbana-Champaign	28,296	34,894	35,384	41,353	19,655	21,253	22,213	24,162
54 U CA San Diego	23,342	21,625	35,619	40,608	16,373	15,227	26,043	30,260
55 Indiana University	32,255	34,999	38,367	40,531	21,954	22,259	24,406	25,511
56 U of IL Chicago	26,615	27,997	32,830	39,590	16,624	16,080	19,257	23,236
57 Washington State U	31,275	35,230	36,994	38,726	14,685	18,043	18,217	19,328
58 University of Chicago	34,951	33,593	35,140	38,325	28,666	28,013	30,216	30,813
59 University of Rochester	31,879	32,171	30,292	37,694	26,405	26,412	24,938	31,985
60 University of Connecticut	26,697	26,519	28,864	35,293	14,493	14,489	15,804	19,300
Total, 1st 60 institutions	2,778,126	3,069,322	3,454,800	3,924,114	1,851,705	2,036,487	2,283,666	2,619,133
61 U TX Hlth Sci Ctr San Ant	29,050	30,312	31,316	34,974	19,757	22,118	23,446	25,949
62 University of Florida	48,499	45,592	51,030	34,476	23,676	23,676	29,159	18,674
63 University of Utah	32,361	30,992	26,549	34,153	25,067	24,931	23,490	27,856
64 UT Houston Hlth Sci Ctr	20,458	23,716	24,590	33,997	13,168	16,123	17,247	25,855
65 Yeshiva University	25,173	24,000	27,093	33,843	20,263	18,400	21,738	24,635
66 U of MD Baltimore	20,221	21,498	21,135	33,652	10,815	11,706	12,677	13,682
67 Texas A&M University	75,452	88,641	87,757	33,216	15,428	20,423	18,399	10,146
68 U MA Worcester	21,357	29,038	30,079	32,296	18,105	26,023	26,301	28,016
69 Iowa State University	29,661	31,045	32,699	32,227	8,322	9,505	10,270	10,819
70 California Inst of Tech	31,240	32,425	26,791	31,932	27,510	31,416	26,077	27,468
Total, 1st 70 institutions	3,111,598	3,426,581	3,813,839	4,258,880	2,033,816	2,240,808	2,492,470	2,832,233
71 Colorado State University	23,184	23,940	30,081	31,277	14,143	13,233	17,158	18,694
72 U of Nebraska Med Ctr	27,035	29,850	34,363	31,245	9,438	10,148	12,732	14,558
73 Clemson University	11,310	18,366	26,765	30,958	3,781	5,745	7,292	8,434
74 U of Missouri Columbia	27,651	28,980	29,330	30,760	11,572	11,328	11,459	13,250
75 Medical Col of Wisconsin	17,037	20,448	22,674	28,980	12,990	15,998	17,375	22,597
76 Medical Col of Georgia	16,640	20,246	21,783	27,765	6,141	7,561	8,825	10,294
77 U of Tennessee System	23,300	23,363	22,621	27,690	16,485	16,148	15,550	19,293
78 University of Oklahoma	23,022	23,860	26,202	26,916	12,804	13,559	14,314	13,005
79 U TX at Austin	19,348	16,100	21,507	26,891	11,117	12,589	14,733	18,409
80 Virginia Commonwealth U	24,490	23,729	24,843	26,825	17,595	17,491	18,163	18,574
Total, 1st 80 institutions	3,324,615	3,655,463	4,074,008	4,548,187	2,149,882	2,364,608	2,630,071	2,989,341
81 Oregon State University	19,696	21,883	25,311	26,003	10,018	10,497	10,745	11,155
82 University of New Mexico	16,193	20,134	19,727	25,465	12,072	15,085	15,098	21,075
83 Princeton University	17,693	17,843	19,429	23,185	11,512	11,424	13,148	15,571
84 U of Nebraska at Lincoln	12,793	12,986i	20,762	21,964	3,870	3,929i	5,550	5,649
85 University of Vermont	18,590	17,619	20,324	21,253	13,931	12,569	15,413	16,863
86 University of Miami	16,977	18,103	18,474	20,681	14,689	14,783	15,210	16,444
87 U CA Riverside	4,130	25,184	22,588	20,527	1,757	6,541	4,731	4,198
88 Brandeis University	19,992	20,304	20,127	20,159	14,375	14,762	14,534	14,241
89 Med U of South Carolina	12,028	13,848i	17,804e	19,688	8,733	8,130	11,056	13,017
90 SUNY Hlth Sci Ctr Brklyn	7,931	7,633	17,322	18,509	5,209	4,604	14,272	15,089
Total, 1st 90 institutions	3,470,638	3,831,000	4,275,876	4,765,621	2,246,048	2,466,932	2,749,828	3,122,643

See explanatory information and SOURCE at end of table.

Table B-61. Total and federally financed R&D expenditures in the biological sciences at universities and colleges, ranked by fiscal year 2000 total R&D expenditures in the biological sciences: fiscal years 1997-2000

[Dollars in thousands]

Page 3 of 3

Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
91 Oklahoma State University	9,238	10,421	14,784	17,554	4,051	4,404	5,028	6,459
92 U MD Biotechnology Inst	16,823	18,024	17,633	16,940	3,000	4,765	5,623	6,311
93 University of Louisville	7,589	9,221	15,049	16,841	3,758	4,580	4,761	5,624
94 MCP Hahnemann University ..	23,384	28,080	9,590	16,333	17,507	22,402	8,405	14,331
95 Kansas State University	15,504	15,689	15,511	15,881	7,369	7,206	7,099	7,346
96 U MD at College Park	8,262	6,736	9,404	15,296	4,503	5,113	6,195	6,921
97 Stanford University	11,495	10,837	13,799	15,260	9,310	8,712	11,594	12,316
98 Temple University	19,650	19,655	21,905	15,256	10,226	12,220	13,509	12,044
99 Rush University	8,433	9,421	10,742	13,095	5,930	6,749	7,337	6,398
100 Florida State University	9,625	9,709	9,775	12,292	5,031	5,411	5,799	5,905
Total, 1st 100 institutions	3,600,641	3,968,793	4,414,068	4,920,369	2,316,733	2,548,494	2,825,178	3,206,298
Total, all other sampled institutions	579,376	611,794	619,271	688,829	365,688	386,977	389,279	439,909

KEY: 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