

**Table B-54. R&D expenditures in the environmental sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the environmental sciences: fiscal years 1997-2000 and by subfield for 2000**

[Dollars in thousands]

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Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Atmospheric	Earth sciences	Oceanography	Other
Total, all institutions	1,531,979	1,623,600	1,691,011	1,768,760	288,617	566,414	631,532	282,197
1 U CA San Diego	98,926	100,882	107,958	115,186	19,052	22,584	73,550	0
2 Texas A&M University	70,605	69,912	69,296	85,330	4,210	4,847	67,082	9,191
3 Woods Hole Oceanogr Inst	61,516	62,995	58,723	64,910	4,711 i	21,398 i	16,921 i	21,880 i
4 U of Washington	54,545	61,755	60,382	64,112	14,411	7,577	42,124	0
5 University of Colorado	48,055	74,325	71,479	62,769	29,125	32,786	801 i	57
6 Univ of Hawaii at Manoa	37,975	48,594	52,019	51,453	1,436	13,088	24,194	12,735
7 Columbia U in City of NY	36,811	43,154	44,003	49,198	4,692	326	40,546	3,634
8 Johns Hopkins U	32,187	43,528	44,700	37,558	7,461 i	2,502 i	11,946 i	15,649 i
9 U of New Hampshire	25,167	25,772	27,107	36,418	8,263	4,065	11,864	12,226
10 Oregon State University	27,642	30,233	31,385	33,940	1,849	2,449	22,762	6,880
Total, 1st 10 institutions	493,429	561,150	567,052	600,874	95,210	111,622	311,790	82,252
11 Louisiana State U System	21,738	22,684	27,441	31,665	0	6,297	18,675	6,693
12 U MD Ctr for Environ Sci	21,377	24,038	26,816	31,605	0	3,873	27,732	0
13 University of Oklahoma	18,760	23,374	27,018	29,158	19,608	9,550	0	0
14 U of IL Urbana-Champaign	26,017	25,265	28,452	28,497	2,870	23,894	0	1,733
15 University of Miami	27,480	31,067	28,452	28,353	17,357	17	9,513	1,466
16 U CA Santa Barbara	14,157	16,853	24,007	28,009	0	8,691	16,080	3,238
17 U WI-Madison	25,176	24,864	25,695	28,001	15,181	5,191	3,107	4,522
18 U TX at Austin	26,568	19,477	20,980	24,134	0	19,612	4,522	0
19 Col of William & Mary	16,684	18,538	23,707	23,938	0	179	23,759	0
20 Georgia Institute of Tech	11,191	14,505	13,224	23,382	444	12,667	0	10,271
Total, 1st 20 institutions	702,577	781,815	812,844	877,616	150,670	201,593	415,178	110,175
21 U of Rhode Island	22,231 i	19,105	22,602	23,212	0	171	22,516	525
22 MA Institute of Tech	15,068	15,900	23,494	22,009	8,310	9,650	3,273	776
23 U of Alaska Fairbanks	31,441 i	33,814 i	18,756	21,644	0	0	18,040	3,604
24 Rutgers the State U NJ	14,486	14,668	17,959	20,936	72	1,050	8,956	10,858
25 Pennsylvania State U	25,010	23,552	26,740	20,396	4,958	9,936	227	5,275
26 Desert Research Institute	13,400	14,400	17,043	19,454	12,320	7,134	0	0
27 U of South Florida	12,919	14,243	17,526	19,197	0	1,191	17,996	10
28 SUNY at Stony Brook	19,394	16,566	19,413	17,379	1,729	5,094	10,556	0
29 VA Polytech Inst & St U	32,709	29,232	21,462	16,786	0	2,529	0	14,257
30 U of South Carolina	13,405	13,496	17,812	15,868	0	8,543	3,558	3,767
Total, 1st 30 institutions	902,640	976,791	1,015,651	1,074,497	178,059	246,891	500,300	149,247
31 NC State University	14,091	16,743	17,945	15,699	7,076	0	7,602	1,021
32 U of Maine	8,734	10,269	11,974	15,214	0	4,873	10,341	0
33 U CA Los Angeles	7,071	8,060	9,960	14,893	4,920	6,744	0	3,229
34 Colorado State University	12,366	14,656	14,773	14,402	12,981	1,421	0	0
35 U of Southern California	12,501	14,202	12,095	14,394	0	10,255	2,253	1,886
36 Florida State University	16,126	15,775	13,871	14,303	5,241	5,061	3,966	35
37 University of Georgia	10,107	11,229	12,694	13,994	0	5,988	8,006	0
38 Harvard University	9,871	13,271	14,089	13,868	0	86	0	13,782
39 California Inst of Tech	16,710	18,285	14,611	13,846	0	13,846	0	0
40 U CA Santa Cruz	11,361	11,390	12,880	13,839	0	4,116	8,396	1,327
Total, 1st 40 institutions	1,021,578	1,110,671	1,150,543	1,218,949	208,277	299,281	540,864	170,527
41 Princeton University	8,657	8,816	10,630	12,946	2,975	7,101	0	2,870
42 University of Minnesota	9,929	10,824	12,986	12,762	0	6,132	1,662	4,968
43 U of Nebraska at Lincoln	11,687	11,863 i	11,314	12,710	1,068	11,642	0	0
44 Arizona State University	4,900	5,154	16,451	11,532	0	11,532	0	0
45 U of NC Chapel Hill	9,884	10,127	11,271	11,382	0	6,838	4,252	292
46 U CA Riverside	2,630	9,394	8,968	11,115	0	3,148	0	7,967
47 University of Kansas	9,574	9,463	9,858	10,919	0	10,919	0	0
48 U of Nevada Las Vegas	5,150	6,331	7,862	10,579	0	1,375	0	9,204
49 University of Arizona	10,742	10,067	11,071	10,343	3,203	7,140	0	0
50 University of Delaware	9,930	8,180	9,288	9,960	0	746	9,214	0
Total, 1st 50 institutions	1,104,661	1,200,890	1,260,242	1,333,197	215,523	365,854	555,992	195,828

See explanatory information and SOURCE at end of table.

**Table B-54. R&D expenditures in the environmental sciences at universities and colleges, ranked by fiscal year 2000 R&D expenditures in the environmental sciences: fiscal years 1997-2000 and by subfield for 2000**

[Dollars in thousands]

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Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Atmospheric	Earth sciences	Oceanography	Other
51 U CA Davis .....	6,910	6,547	6,981	9,958	0	1,597	5,210	3,151
52 San Jose State University .....	9,427 i	9,427 e	9,427 e	9,427 e	906 e	380 e	8,141 e	0 e
53 U of Tennessee System .....	12,989	11,609	10,882	9,330	0	1,793	0	7,537
54 Naval Postgrad School .....	7,792	8,218 i	8,218 i	9,038 i	5,322 i	0 i	3,716 i	0 i
55 U MA Amherst .....	9,564	7,143	7,587	8,707	0	6,559	0	2,148
56 Utah State University .....	13,629	11,134	11,712	8,453	2,061	6,392	0	0
57 University of Connecticut .....	7,074	9,224	7,486	8,259	0	575	7,684	0
58 U of Central Florida .....	8,741	8,353	9,068	8,250	8,250	0	0	0
59 Texas Tech University .....	737	1,046	2,565	8,139	45	928	0	7,166
60 Stanford University .....	7,159	8,025	8,260	8,056	0	8,056	0	0
Total, 1st 60 institutions .....	1,188,683	1,281,616	1,342,428	1,420,814	232,107	392,134	580,743	215,830
61 University of Wyoming .....	11,650	10,387	6,542	7,968	3,962	3,997	0	9
62 University of Michigan .....	27,112	24,737	6,511	7,609	1,462	4,236	1,911	0
63 Duke University .....	6,485	7,554	7,629	7,556	0	1,700	2,046	3,810
64 Ohio State University .....	9,424	9,481	8,355	7,512	0	3,043	0	4,469
65 U MD Biotechnology Inst .....	6,929	7,917	7,747	7,442	0	0	7,442	0
66 U CA Berkeley .....	4,766	5,755	7,244	7,132	0	6,932	0	200
67 U of Nevada Reno .....	6,130	4,476	6,747	6,552	70	4,870	0	1,612
68 NM Inst Mining & Tech .....	4,818	4,868	6,741	6,535	0	5,193	0	1,342
69 U MD at College Park .....	10,195	8,331	6,828	6,402	5,196	1,203	0	3
70 SUNY at Albany .....	6,534	6,152	6,443	6,379	6,231	148	0	0
Total, 1st 70 institutions .....	1,282,726	1,371,274	1,413,215	1,491,901	249,028	423,456	592,142	227,275
71 Florida International U .....	437	450	4,072	6,372	0	6,372	0	0
72 U Southern Mississippi .....	1,619	2,535	6,876	6,238	0	182	5,996	60
73 Old Dominion University .....	5,604	5,380	6,199	5,788	0	1	4,304	1,483
74 University of Virginia .....	4,105	4,771	5,676	5,692	5,692	0	0	0
75 West Virginia University .....	7,452	2,348	3,335	5,671	0	1,161	0	4,510
76 University of Chicago .....	7,009	7,742	5,966	5,663	0	5,663	0	0
77 U MD Baltimore County .....	0	0	5,442	5,373	5,373	0	0	0
78 Brown University .....	5,275	5,372	5,535	5,370	0	5,088	0	282
79 U of Alabama Huntsville .....	6,218	5,177	5,287	5,241	5,241	0	0	0
80 U of NC Wilmington .....	6,548 i	5,469	5,098	5,070	0	316	4,754	0
Total, 1st 80 institutions .....	1,326,993	1,410,518	1,466,701	1,548,379	265,334	442,239	607,196	233,610
81 George Mason University .....	206	59	52	5,059	0	5,059	0	0
82 University of Idaho .....	2,884 i	5,112	3,932	4,656	0	3,031	0	1,625
83 U TX at El Paso .....	5,069	1,832	6,703	4,423	0	4,423	0	0
84 Washington University .....	3,295	3,420	4,385	4,374	0	4,374	0	0
85 Cornell University .....	3,670	4,101	4,170	4,221	0	2,546	0	1,675
86 Purdue University .....	3,609	3,614	4,272	4,096	1,419	699	0	1,978
87 Univ of Memphis, The .....	3,018	2,916	3,416	4,095	0	4,095	0	0
88 University of Utah .....	4,074	4,057	3,756	4,040	2,178	1,862	0	0
89 University of Florida .....	3,890	6,709	5,070	3,830	0	1,412	2,418	0
90 Iowa State University .....	1,700	1,737	3,343	3,803	0	3,803	0	0
Total, 1st 90 institutions .....	1,358,408	1,444,075	1,505,800	1,590,976	268,931	473,543	609,614	238,888

See explanatory information and SOURCE at end of table.

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[Dollars in thousands]

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Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Atmospheric	Earth sciences	Oceanography	Other
91 Tarleton State University .....	2,638	3,659	3,559	3,717	0	3,717	0	0
92 Hampton University .....	525	1,089	1,517	3,687	3,622	0	65	0
93 U WI-Milwaukee .....	3,246	3,325	3,638	3,675	0	262	3,257	156
94 U PR Mayaguez Campus .....	4,894	4,601	4,421	3,642	0	827	2,815	0
95 OR Grad Inst Sci & Tech .....	4,728	4,964 <sup>e</sup>	3,759	3,582	613	0	0	2,969
96 Mississippi State U .....	2,887	4,060	3,199	3,540	0	226	0	3,314
97 U CA Irvine .....	2,300	2,249	3,023	3,373	0	3,373	0	0
98 Boston University .....	2,214	3,473	3,775	3,370	0	314	0	3,056
99 San Diego St University .....	2,233	2,270	2,861	3,166	0	2,288	878	0
100 Indiana University .....	2,296	1,762	6,428	3,070	0	3,070	0	0
Total, 1st 100 institutions .....	1,386,369	1,475,527	1,541,980	1,625,798	273,166	487,620	616,629	248,383
Total, all other sampled institutions .....	145,610	148,073	149,031	142,962	15,451	78,794	14,903	33,814

**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