

Table B-55. Federally financed R&D expenditures in the environmental sciences at universities and colleges, ranked by fiscal year 2000 federally financed R&D expenditures in the environmental sciences: fiscal years 1997-2000 and by subfield for 2000

[Dollars in thousands]

Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Atmospheric	Earth sciences	Oceanography	Other
Total, all institutions	1,011,715	1,075,796	1,101,125	1,131,279	222,891	330,052	421,291	157,045
1 U CA San Diego	61,622	60,437	65,829	72,813	16,918	10,177	45,718	0
2 Texas A&M University	53,790	52,659	53,624	61,397	2,675	1,122	55,214	2,386
3 U of Washington	51,175	58,248	55,954	58,356	13,496	6,529	38,331	0
4 University of Colorado	38,706	62,358	61,055	56,172	26,308	29,086	725 i	53
5 Woods Hole Oceanogr Inst	53,997	55,669	50,237	54,235	3,688 i	18,996 i	13,776 i	17,775 i
6 Columbia U in City of NY	35,871	40,462	40,712	46,838	4,387	206	38,786	3,459
7 Johns Hopkins U	29,605	42,063	42,057	35,596	7,461 i	2,296 i	11,933 i	13,906 i
8 Univ of Hawaii at Manoa	27,482	33,624	32,859	30,503	1,130	8,394	14,447	6,532
9 Oregon State University	24,576	25,699	26,936	28,487	1,753	1,560	20,826	4,348
10 University of Miami	24,387	27,452	25,455	25,388	15,663	16	8,305	1,404
Total, 1st 10 institutions	401,211	458,671	454,718	469,785	93,479	78,382	248,061	49,863
11 U of New Hampshire	15,048	15,315	18,008	24,122	3,878	2,884	8,457	8,903
12 MA Institute of Tech	13,679	14,147	20,150	20,410	7,880	8,852	3,213	465
13 U of Rhode Island	21,188 i	18,314	20,105	20,311	0	157	20,154	0
14 U WI-Madison	17,798	17,243	16,406	17,784	12,397	2,072	601	2,714
15 U CA Santa Barbara	8,852	11,478	16,140	17,649	0	5,547	9,204	2,898
16 University of Oklahoma	8,745	11,419	13,541	14,805	11,410	3,395	0	0
17 VA Polytech Inst & St U	31,202	27,820	20,094	14,804	0	547	0	14,257
18 Desert Research Institute	8,400	9,300	11,720	14,685	8,273	6,412	0	0
19 Colorado State University	10,744	10,630	11,630	12,451	11,302	1,149	0	0
20 Harvard University	6,906	12,839	13,424	12,362	0	86	0	12,276
Total, 1st 20 institutions	543,773	607,176	615,936	639,168	148,619	109,483	289,690	91,376
21 U of South Florida	9,058	10,314	11,034	11,782	0	412	11,370	0
22 SUNY at Stony Brook	13,676	11,187	13,432	11,745	1,326	4,014	6,405	0
23 Pennsylvania State U	14,726	12,290	15,554	10,886	3,334	6,243	151	1,158
24 U of Alaska Fairbanks	15,862 i	17,767 i	8,091	10,884	0	0	10,776	108
25 U MD Ctr for Environ Sci	6,240	7,440	8,116	10,805	0	977	9,828	0
26 U of IL Urbana-Champaign	5,637	9,168	10,463	10,468	2,376	7,521	0	571
27 U TX at Austin	8,483	6,537	5,904	10,450	0	8,796	1,654	0
28 Florida State University	11,015	9,725	9,700	10,330	4,344	3,729	2,246	11
29 Arizona State University	4,311	4,721	15,030	10,167	0	10,167	0	0
30 Georgia Institute of Tech	5,244	6,359	5,660	9,687	184	5,248	0	4,255
Total, 1st 30 institutions	638,025	702,684	718,920	746,372	160,183	156,590	332,120	97,479
31 Louisiana State U System	6,947	5,886	6,223	9,649	0	1,576	7,081	992
32 U of Southern California	10,362	10,277	8,698	9,513	0	7,365	1,843	305
33 Rutgers the State U NJ	5,931	6,082	8,361	8,947	0	877	6,657	1,413
34 California Inst of Tech	15,512	16,912	14,141	8,910	0	8,910	0	0
35 Naval Postgrad School	7,621	8,029 i	8,029 i	8,792 i	5,248 i	0 i	3,544 i	0 i
36 U CA Los Angeles	5,503	5,663	6,611	8,514	4,039	2,311	0	2,164
37 U of Nevada Las Vegas	3,560	4,328	5,658	8,350	0	1,219	0	7,131
38 Princeton University	5,991	5,815	6,696	8,035	2,185	3,542	0	2,308
39 Col of William & Mary	6,339	6,828	7,769	7,847	0	89	7,758	0
40 U of Nebraska at Lincoln	8,690	8,821 i	6,857	7,264	0	7,264	0	0
Total, 1st 40 institutions	714,481	781,325	797,963	832,193	171,655	189,743	359,003	111,792
41 U of South Carolina	6,533	6,062	6,712	6,655	0	3,215	1,460	1,980
42 University of Delaware	6,633	5,596	6,173	6,630	0	469	6,161	0
43 U of Maine	3,718	5,085	6,205	6,399	0	2,103	4,296	0
44 University of Arizona	5,464	5,990	6,625	6,209	1,790	4,419	0	0
45 U of NC Chapel Hill	5,616	6,048	6,337	6,118	0	4,669	1,423	26
46 Stanford University	5,796	5,920	6,041	6,029	0	6,029	0	0
47 University of Minnesota	3,976	4,587	6,120	5,940	0	3,390	1,054	1,496
48 U CA Santa Cruz	5,568	5,519	5,945	5,864	0	2,254	3,464	146
49 U Southern Mississippi	1,541	2,358	6,489	5,860	0	182	5,618	60
50 University of Michigan	19,134	18,623	4,497	5,482	1,163	2,732	1,587	0
Total, 1st 50 institutions	778,460	847,113	859,107	893,379	174,608	219,205	384,066	115,500

See explanatory information and SOURCE at end of table.

Table B-55. Federally financed R&D expenditures in the environmental sciences at universities and colleges, ranked by fiscal year 2000 federally financed 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 of Tennessee System	7,835	6,744	7,051	5,444	0	1,098	0	4,346
52 NC State University	5,294	6,654	5,727	5,291	4,020	0	1,271	0
53 University of Chicago	6,055	6,420	4,617	5,111	0	5,111	0	0
54 George Mason University	191	41	41	4,970	0	4,970	0	0
55 University of Georgia	3,231	3,683	5,026	4,845	0	1,033	3,812	0
56 University of Virginia	3,349	4,048	4,774	4,814	4,814	0	0	0
57 U MD Baltimore County	0	0	4,602	4,654	4,654	0	0	0
58 Duke University	3,012	3,235	3,921	4,638	0	1,395	1,518	1,725
59 U MD at College Park	6,246	6,704	5,381	4,604	3,863	741	0	0
60 University of Connecticut	2,703	3,689	4,107	4,573	0	331	4,242	0
Total, 1st 60 institutions	816,376	888,331	904,354	942,323	191,959	233,884	394,909	121,571
61 San Jose State University	4,363 i	4,363 e	4,363 e	4,363 e	714 e	132 e	3,517 e	0 e
62 U of Nevada Reno	3,978	2,650	4,787	4,307	51	4,252	0	4
63 U of Alabama Huntsville	5,137	4,165	4,198	4,261	4,261	0	0	0
64 Ohio State University	6,337	6,145	5,662	3,953	0	1,098	0	2,855
65 University of Wyoming	3,393	4,453	3,518	3,873	2,106	1,767	0	0
66 U of NC Wilmington	3,995 i	3,321	3,191	3,839	0	141	3,698	0
67 U TX at El Paso	4,326	1,308	6,125	3,769	0	3,769	0	0
68 U CA Berkeley	2,354	2,525	4,051	3,734	0	3,728	0	6
69 Florida International U	218	225	3,001	3,732	0	3,732	0	0
70 Hampton University	525	1,089	1,517	3,637	3,622	0	15	0
Total, 1st 70 institutions	851,002	918,575	944,767	981,791	202,713	252,503	402,139	124,436
71 University of Utah	2,993	3,097	3,053	3,453	2,105	1,348	0	0
72 U MA Amherst	4,734	2,967	2,764	3,385	0	2,942	0	443
73 Brown University	3,637	3,718	3,748	3,377	0	3,339	0	38
74 Old Dominion University	2,448	2,333	3,665	3,283	0	0	3,097	186
75 SUNY at Albany	3,129	2,619	2,991	3,207	3,207	0	0	0
76 Texas Tech University	31	334	1,386	3,054	0	125	0	2,929
77 Utah State University	9,570	6,682	6,739	3,053	1,695	1,358	0	0
78 OR Grad Inst Sci & Tech	3,807	3,997 e	3,034	2,949	495	0	0	2,454
79 Boston University	1,562	2,560	3,095	2,918	0	281	0	2,637
80 U MD Biotechnology Inst	4,104	4,995	5,894	2,773	0	0	2,773	0
Total, 1st 80 institutions	887,017	951,877	981,136	1,013,243	210,215	261,896	408,009	133,123
81 Washington University	2,537	2,594	2,779	2,757	0	2,757	0	0
82 University of Idaho	498 i	2,451	2,046	2,685	0	1,467	0	1,218
83 Purdue University	2,386	2,411	2,731	2,683	906	446	0	1,331
84 University of Kansas	2,047	2,173	2,287	2,547	0	2,547	0	0
85 Mississippi State U	2,155	2,677	2,162	2,522	0	1	0	2,521
86 U CA Riverside	1,652	3,196	2,681	2,520	0	888	0	1,632
87 Yale University	1,770	1,840	1,780	2,317	857	1,413	47	0
88 U CA Davis	3,450	1,995	1,809	2,265	0	866	1,088	311
89 West Virginia University	5,098	1,021	1,439	2,180	0	419	0	1,761
90 New Mexico State Univ	4,210	4,151	2,672	2,145	1,137	21	0	987
Total, 1st 90 institutions	912,820	976,386	1,003,522	1,037,864	213,115	272,721	409,144	142,884

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[Dollars in thousands]

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Institution and ranking	1997	1998	1999	2000	2000, by subfield			
					Atmos- pheric	Earth sciences	Ocean- ography	Other
91 SD Sch of Mines & Tech	2,068	1,712	1,796	2,125	2,125	0	0	0
92 Southern Methodist U	842	1,726	2,609	2,117	0	2,117	0	0
93 Cornell University	2,118	2,170	2,565	2,098	0	1,591	0	507
94 Iowa State University	625	914	2,006	2,071	0	2,071	0	0
95 University of Oregon	1,924	2,307	2,021	1,992	0	921	455	616
96 U CA Irvine	1,719	1,590	2,263	1,982	0	1,982	0	0
97 University of Florida	1,475	2,073	2,527	1,924	0	423	1,501	0
98 U PR Mayaguez Campus	3,555	3,051	2,916	1,826	0	392	1,434	0
99 Jackson State University	0	757	0	1,743	53	1,573	117	0
100 University of New Mexico	1,442	1,443	1,636	1,735	414	1,299	22	0
Total, 1st 100 institutions	928,588	994,129	1,023,861	1,057,477	215,707	285,090	412,673	144,007
Total, all other sampled institutions	83,127	81,667	77,264	73,802	7,184	44,962	8,618	13,038

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