

**Table B-53. Total and federally financed R&D expenditures in physics at universities and colleges, ranked by fiscal year 2000 total R&D expenditures in physics: fiscal years 1997-2000**

[Dollars in thousands]

Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
Total, all institutions .....	1,058,208	1,078,127	1,143,826	1,198,725	803,085	817,724	862,347	896,080
1 California Inst of Tech .....	56,972	57,992	45,343	61,070	55,933	57,790	44,186	55,379
2 MA Institute of Tech .....	90,357	83,416	55,054	56,131	84,623	75,875	54,205	55,491
3 Johns Hopkins U .....	71,693	74,433	65,247	50,215	70,382	73,601	64,556	49,549
4 U CA Berkeley .....	41,325	37,263	53,113	49,397	27,949	23,724	37,628	34,223
5 Cornell University .....	34,248	35,255	38,721	37,188	30,323	30,184	33,610	30,174
6 U TX at Austin .....	12,013	15,293	44,967	36,507	8,635	12,278	37,271	31,781
7 Florida State University .....	12,020	10,348	31,861	31,797	5,119	4,174	18,284	17,463
8 Michigan State University .....	22,882	24,636	25,606	28,702	14,659	16,017	17,029	20,540
9 U CA Los Angeles .....	22,445	20,943	25,023	27,683	14,085	13,465	16,193	17,389
10 U of IL Urbana-Champaign .....	9,983	21,928	23,569	24,871	8,290	16,908	17,628	19,253
Total, 1st 10 institutions .....	373,938	381,507	408,504	403,561	319,998	324,016	340,590	331,242
11 U MD at College Park .....	28,617	27,699	26,869	24,791	14,307	17,999	16,990	16,989
12 U WI-Madison .....	15,020	16,192	18,187	21,817	11,620	13,343	14,600	16,927
13 U of Alaska Fairbanks .....	6,991 i	7,599 i	16,548 i	19,096	4,393 i	4,922 i	10,163 i	13,670
14 Pennsylvania State U .....	7,139	5,532	15,964	18,668	4,507	2,962	11,165	13,234
15 Indiana University .....	14,002	12,613	17,050	18,017	11,724	10,922	11,674	10,922
16 University of Colorado .....	9,912	9,983	10,396	17,059	8,110	8,487	8,855	15,184
17 SUNY at Stony Brook .....	14,427	16,078	15,406	16,515	9,950	10,826	10,555	10,844
18 U CA Santa Barbara .....	9,059	12,448	14,060	16,394	7,322	9,763	11,115	12,215
19 U of Washington .....	8,919	11,303	13,549	15,090	7,580	9,859	11,497	12,365
20 University of Minnesota .....	7,317	7,054	7,625	13,407	6,545	5,948	6,493	10,068
Total, 1st 20 institutions .....	495,341	508,008	564,158	584,415	406,056	419,047	453,697	463,660
21 Princeton University .....	15,120	15,542	14,923	13,369	11,710	12,188	12,566	10,546
22 U CA San Diego .....	16,640	16,504	14,206	13,057	13,464	13,073	10,920	9,776
23 U of Pennsylvania .....	14,553	12,877	13,781	11,894	11,771	12,043	12,031	10,171
24 Rutgers the State U NJ .....	11,667	10,639	11,089	11,417	4,553	3,747	4,637	4,508
25 U of Iowa .....	12,518	10,488	10,135	11,282	9,523	8,662	8,282	9,137
26 Georgia Institute of Tech .....	9,568	11,097	10,620	11,179	4,482	4,865	4,545	4,632
27 NC State University .....	8,400	10,861	11,387	11,036	4,869	6,277	4,260	5,481
28 Yale University .....	8,521	9,619	10,474	10,994	7,795	8,910	9,736	9,936
29 University of Chicago .....	8,435	8,112	8,940	10,447	7,632	7,567	8,352	9,875
30 Harvard University .....	9,837	8,957	10,456	10,173	9,430	8,883	10,314	9,823
Total, 1st 30 institutions .....	610,600	622,704	680,169	699,263	491,285	505,262	539,340	547,545
31 Vanderbilt University .....	5,695	7,657	11,825	9,638	4,929	6,537	10,528	7,763
32 Ohio State University .....	8,502	8,725	9,932	9,549	5,583	5,188	6,237	6,032
33 U of Central Florida .....	9,798	9,273	9,554	9,510	4,272	3,953	3,148	2,282
34 U Mississippi, All Camp .....	2,841	3,254	3,896	9,505	2,345	2,635	3,477	9,025
35 Northeastern University .....	2,565	3,516	4,156	9,463	2,479	3,339	3,149	8,685
36 Duke University .....	9,013	10,702	13,210	9,078	8,272	10,139	12,749	8,768
37 SUNY at Albany .....	3,356	4,903	6,697	8,940	955	1,631	1,285	653
38 Louisiana State U System .....	7,114	7,155	6,982	8,929	4,116	4,718	4,009	4,542
39 Purdue University .....	8,868	9,582	8,986	8,835	5,278	5,833	5,639	5,846
40 U MA Amherst .....	10,603	11,238	7,243	8,238	8,185	7,510	4,105	4,612
Total, 1st 40 institutions .....	678,955	698,709	762,650	790,948	537,699	556,745	593,666	605,753
41 University of New Mexico .....	4,367	7,409	5,448	8,172	3,456	5,840	5,085	6,459
42 U of Maine .....	666	1,364	3,932	7,886	170	542	3,367	6,230
43 University of Rochester .....	5,970	5,259	6,723	7,820	5,553	4,774	6,289	7,474
44 University of Florida .....	5,573	8,025	8,275	7,652	2,952	3,904	4,801	4,673
45 Texas A&M University .....	6,691	6,963	8,683	7,568	4,152	3,862	5,301	4,255
46 U of NC Chapel Hill .....	2,572	3,382	7,268	7,500	1,527	2,276	6,294	6,240
47 U of Tennessee System .....	7,289	7,623	8,071	7,273	4,457	4,742	4,877	4,308
48 University of Michigan .....	13,677	13,187	6,509	6,837	9,919	9,695	5,166	5,608
49 U CA Irvine .....	9,449	9,068	7,240	6,800	6,270	6,144	4,898	4,431
50 Montana St U Bozeman .....	2,886	3,721	4,099	6,381	2,234	2,759	3,211	5,210
Total, 1st 50 institutions .....	738,095	764,710	828,898	864,837	578,389	601,283	642,955	660,641

See explanatory information and SOURCE at end of table.

**Table B-53. Total and federally financed R&D expenditures in physics at universities and colleges, ranked by fiscal year 2000 total R&D expenditures in physics: fiscal years 1997-2000**

[Dollars in thousands]

Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
51 U of Alabama Huntsville .....	5,807	4,730	6,916	6,348	4,715	3,564	5,220	4,603
52 Wayne State University .....	4,777	5,447	5,349	5,923	1,423	1,260	910	1,130
53 Kansas State University .....	4,819	5,394	5,395	5,717	3,952	4,478	4,311	4,953
54 Washington University .....	4,463	4,621	5,134	5,560	3,440	3,394	3,723	4,205
55 University of Arizona .....	20,525	4,371	4,280	5,368	12,386	3,288	3,233	4,364
56 Colorado School of Mines .....	2,568	2,520	3,348	5,265	2,160	2,069	2,979	4,946
57 University of Notre Dame .....	4,329	4,500	4,354	5,242	3,294	3,670	3,757	4,291
58 U CA Santa Cruz .....	4,347	5,511	5,326	5,226	3,030	4,034	3,235	3,458
59 Northwestern University .....	4,064	4,535	4,247	5,061	3,426	3,568	3,404	3,577
60 Carnegie Mellon U .....	5,077	4,879	4,871	5,041	3,662	3,696	3,725	4,342
Total, 1st 60 institutions .....	798,871	811,218	878,118	919,588	619,877	634,304	677,452	700,510
61 Stanford University .....	4,490	4,060	4,777	4,972	4,151	3,836	4,546	4,697
62 U of Nebraska at Lincoln .....	2,128	2,159 i	4,458	4,826	1,751	1,777 i	2,121	2,107
63 U CA Davis .....	2,987	4,829	4,892	4,772	2,560	3,548	3,180	3,133
64 Brown University .....	5,359	4,555	4,389	4,666	3,012	2,324	2,270	2,481
65 Boston University .....	4,466	4,440	4,034	4,417	4,299	4,033	3,882	4,374
66 U of IL Chicago .....	3,249	5,353	4,547	4,111	1,635	2,682	2,737	2,647
67 Iowa State University .....	3,872	3,596	4,082	4,093	2,370	2,151	2,370	2,442
68 University of Utah .....	5,719	3,707	4,624	4,051	5,221	3,036	3,847	3,092
69 University of Oregon .....	4,215	4,402	4,657	4,002	3,363	3,602	3,937	3,461
70 University of Virginia .....	4,433	4,627	4,615	3,986	4,126	4,235	4,043	3,422
Total, 1st 70 institutions .....	839,789	852,946	923,193	963,484	652,365	665,528	710,385	732,366
71 University of Pittsburgh .....	3,340	3,141	3,584	3,929	2,796	2,801	3,109	3,326
72 Arizona State University .....	4,599	4,498	4,579	3,893	3,449	3,370	3,341	2,802
73 U TX MD Anderson Cncr Ctr ..	2,395	3,445	3,678	3,707	1,948	2,583	2,542	2,670
74 Temple University .....	952	807	1,112	3,702	750	632	650	3,219
75 Oklahoma State University .....	2,961	3,765	4,375	3,642	1,327	1,798	1,344	1,088
76 Hampton University .....	5,311	4,502	5,313	3,637	5,086	4,163	5,009	3,358
77 U of South Carolina .....	3,992	4,298	4,351	3,600	2,275	2,557	2,158	2,250
78 University of Georgia .....	2,904	3,943	3,600	3,508	767	1,155	1,095	1,281
79 Clark Atlanta University .....	2,331	2,800	1,716 i	3,473	2,285	2,425	1,220 i	3,471
80 University of Connecticut .....	2,167	2,108	2,516	3,408	1,042	1,236	1,584	1,756
Total, 1st 80 institutions .....	870,741	886,253	958,017	999,983	674,090	688,248	732,437	757,587
81 CUNY City College .....	4,660	3,937	3,657	3,377	3,383	2,821	2,955	2,627
82 Fisk University .....	1,651 i	2,323	2,639	3,289	1,651 i	2,323	2,342	2,652
83 University of Kentucky .....	1,908	2,772	2,863	3,281	1,636	1,760	1,745	1,870
84 Clemson University .....	2,242	2,904	2,755	3,219	750	909	751	877
85 U CA Riverside .....	2,359	3,021	2,855	3,205	2,002	2,438	2,156	2,525
86 U MA Lowell .....	3,346	3,106	3,313	3,194	2,964	2,609	2,628	2,514
87 Ohio University .....	2,260	2,908	2,999	3,081	1,686	2,148	2,202	2,151
88 U of Arkansas Main .....	2,708	2,456	1,838	3,043	1,367	1,195	989	1,322
89 University of Oklahoma .....	2,325	2,479	2,733	3,037	1,387	1,423	1,566	1,517
90 West Virginia University .....	592	1,855	2,413	3,032	357	1,253	1,704	1,828
Total, 1st 90 institutions .....	894,792	914,014	986,082	1,031,741	691,273	707,127	751,475	777,470

See explanatory information and SOURCE at end of table.

**Table B-53. Total and federally financed R&D expenditures in physics  
at universities and colleges, ranked by fiscal year 2000 total  
R&D expenditures in physics: fiscal years 1997-2000**

[Dollars in thousands]

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Institution and ranking	Total				Federally financed			
	1997	1998	1999	2000	1997	1998	1999	2000
91 U of Nevada Reno .....	211	474	2,486	2,908	154	419	2,398	2,908
92 Rice University .....	2,432	2,604	2,767	2,890	2,249	2,408	2,450	2,559
93 Col of William & Mary .....	2,464	2,429	2,733	2,860	2,106	2,122	2,392	2,479
94 University of Houston .....	2,895	2,762	3,211	2,822	1,718	1,514	1,795	1,460
95 U of Nevada Las Vegas .....	1,131	1,238	1,573	2,756	175	209	467	628
96 Syracuse University .....	3,501 i	3,882	4,123	2,721	2,967 i	3,870	3,125	2,629
97 Colorado State University .....	2,515	2,644	2,081	2,680	2,124	1,868	1,630	2,052
98 Univ of Hawaii at Manoa .....	1,766	2,002	2,179	2,592	1,462	1,722	1,999	2,353
99 New Mexico Highlands U .....	355 i	362 i	155	2,537	355 i	362 i	155	2,537
100 University of Cincinnati .....	1,250	1,578	2,129	2,522	857	900	1,221	1,449
Total, 1st 100 institutions .....	913,312	933,989	1,009,519	1,059,029	705,440	722,521	769,107	798,524
Total, all other sampled institutions .....	144,896	144,138	134,307	139,696	97,645	95,203	93,240	97,556

**KEY:** 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