

**Table B-42. R&D expenditures at public universities and colleges, by science and engineering field: fiscal year 2000**

[Dollars in thousands]

Institution and ranking	Total	Engineering	Physical sciences	Environmental sciences	Math & computer sciences	Life sciences	Psychology	Social sciences	Other sciences
Total, all institutions	20,517,436	3,288,623	1,798,329	1,427,842	740,845	11,498,850	381,218	998,757	382,972
1 U WI-Madison	554,361	71,293	46,678	28,001	12,274	341,779	23,237	31,083	16
2 University of Michigan	551,556	136,176	23,407	7,609	12,225	306,199	9,076	56,840	24
3 U CA Los Angeles	530,826	46,434	45,035	14,893	12,638	368,030	9,012	32,915	1,869
4 U of Washington	529,342	39,009	27,122	64,112	9,238	372,339	9,493	8,029	0
5 U CA San Diego	518,559	46,660	33,652	115,186	51,277	255,497	5,364	9,668	1,255
6 U CA Berkeley	518,514	120,757	90,306	7,132	7,808	219,128	7,218	41,708	24,457
7 U CA San Francisco	443,013	0	12,332	0	0	429,541	0	1,140	0
8 Pennsylvania State U	427,575	162,795	42,461	20,396	9,628	147,340	11,227	16,529	17,199
9 University of Minnesota	411,380	41,343	24,475	12,762	12,090	297,925	8,218	14,567	0
10 Texas A&M University	397,268	118,494	24,131	85,330	6,993	146,600	2,752	7,227	5,741
Total, 1st 10 institutions	4,882,394	782,961	369,599	355,421	134,171	2,884,378	85,597	219,706	50,561
11 U of IL Urbana-Champaign	373,024	95,353	48,612	28,497	63,629	97,752	8,872	24,868	5,441
12 U CA Davis	364,789	35,197	18,183	9,958	3,719	292,503	1,509	3,649	71
13 Ohio State University	361,399	82,705	24,446	7,512	22,801	194,937	4,480	20,035	4,483
14 University of Colorado	353,528	31,022	17,941	62,769	8,148	163,132	7,799	7,160	1,557
15 University of Arizona	345,090	48,272	83,227	10,343	7,685	180,467	38	15,044	14
16 University of Florida	313,692	47,513	20,005	3,830	7,109	220,588	5,122	9,525	0
17 Georgia Institute of Tech	304,511	197,589	21,141	23,382	40,168	8,008	4,358	4,594	5,271
18 University of Pittsburgh	294,809	11,858	11,914	537	3,192	253,612	4,546	7,750	1,400
19 NC State University	277,946	76,839	20,814	15,699	16,014	136,438	917	6,918	4,307
20 U TX at Austin	272,811	100,294	56,338	24,134	39,361	39,125	3,423	9,617	519
Total, 1st 20 institutions	8,143,993	1,509,603	746,220	542,082	345,997	4,470,940	126,661	328,866	73,624
21 U of NC Chapel Hill	269,072	0	17,580	11,382	9,429	204,646	3,710	22,325	0
22 University of Georgia	258,476	7,605	10,068	13,994	7,615	180,275	7,632	31,287	0
23 U MD at College Park	252,429	76,091	53,718	6,402	20,632	37,526	3,233	54,827	0
24 Louisiana State U System	251,233	41,628	17,479	31,665	3,422	147,295	661	8,331	752
25 U of Iowa	236,944	22,921	15,985	2,025	1,509	183,099	3,180	7,970	255
26 Purdue University	234,536	71,515	20,095	4,096	10,497	106,891	2,965	18,050	427
27 U of Alabama Birmingham	233,461	6,835	3,316	0	543	216,304	6,233	230	0
28 Indiana University	227,737	2,614	29,682	3,070	5,916	131,540	9,073	29,271	16,571
29 Michigan State University	227,734	18,348	35,882	1,827	4,193	143,190	3,664	18,524	2,106
30 Rutgers the State U NJ	225,268	33,681	23,768	20,936	15,160	99,301	7,758	22,708	1,956
Total, 1st 30 institutions	10,560,883	1,790,841	973,793	637,479	424,913	5,921,007	174,770	542,389	95,691
31 U of MD Baltimore	224,346	0	0	0	0	224,346	0	0	0
32 University of Kentucky	202,392	31,426	8,068	546	2,060	145,901	799	3,174	10,418
33 U of IL Chicago	195,839	19,007	8,186	1,696	5,406	142,203	4,155	9,439	5,747
34 VA Polytech Inst & St U	192,672	66,963	10,223	16,786	4,874	84,265	2,142	7,419	0
35 U TX SW Med Ctr at Dallas	189,216	0	0	0	0	189,216	0	0	0
36 SUNY at Buffalo	187,692	32,301	9,790	1,286	8,678	124,168	4,990	6,301	178
37 University of Utah	187,661	25,293	15,453	4,040	14,970	124,257	1,836	1,812	0
38 U TX MD Anderson Cnrc Ctr	182,196	0	3,707	0	5,142	173,347	0	0	0
39 Iowa State University	175,558	47,049	9,232	3,803	9,967	79,334	643	15,842	9,688
40 University of Virginia	174,522	26,910	13,233	5,692	4,912	117,971	3,002	2,479	323
Total, 1st 40 institutions	12,472,977	2,039,790	1,051,685	671,328	480,922	7,326,015	192,337	588,855	122,045
41 University of Cincinnati	172,085	24,127	5,079	213	466	135,543	785	3,381	2,491
42 U of Tennessee System	163,690	32,928	10,933	9,330	8,591	95,074	177	5,221	1,436
43 SUNY at Stony Brook	163,307	15,574	24,797	17,379	7,859	89,558	4,057	3,159	924
44 Univ of Hawaii at Manoa	161,300	8,734	26,699	51,453	434	63,662	457	3,611	6,250
45 University of Connecticut	161,084	27,294	7,097	8,259	1,861	97,825	7,876	8,552	2,320
46 U of Missouri Columbia	158,861	21,818	5,215	1,088	1,436	112,396	4,515	12,393	0
47 U CA Irvine	158,437	15,518	16,519	3,373	6,078	107,771	3,313	5,494	371
48 Wayne State University	156,814	12,155	11,683	31	1,337	120,701	3,096	5,358	2,453
49 Colorado State University	152,279	15,452	8,469	14,402	2,465	96,098	2,679	2,722	9,992
50 University of Oklahoma	150,902	15,163	15,549	29,158	3,225	63,984	13,927	9,896	0
Total, 1st 50 institutions	14,071,736	2,228,553	1,183,725	806,014	514,674	8,308,627	233,219	648,642	148,282

See explanatory information and SOURCE at end of table.

**Table B-42. R&D expenditures at public universities and colleges, by science and engineering field: fiscal year 2000**

[Dollars in thousands]

Institution and ranking	Total	Engineering	Physical sciences	Environmental sciences	Math & computer sciences	Life sciences	Psychology	Social sciences	Other sciences
51 University of Kansas .....	148,670	12,403	10,207	10,919	4,304	95,317	1,224	5,711	8,585
52 U of South Florida .....	145,397	16,698	2,556	19,197	538	95,756	7,542	3,090	20
53 U Med & Dent of NJ .....	140,951	0	0	0	0	140,951	0	0	0
54 Oregon State University .....	140,751	13,903	5,479	33,940	2,299	82,485	21	2,112	512
55 U of Nebraska at Lincoln .....	136,023	22,365	10,888	12,710	5,219	64,285	1,901	10,505	8,150
56 University of New Mexico .....	133,980	26,464	11,000	1,953	3,004	46,280	5,872	6,574	32,833
57 Mississippi State U .....	132,503	38,107	5,223	3,540	3,014	75,070	887	4,349	2,313
58 Oregon Health Sciences U .....	131,486	0	0	0	0	126,445	5,041	0	0
59 UT Houston Hlth Sci Ctr .....	119,587	0	0	0	0	119,587	0	0	0
60 U CA Santa Barbara .....	118,154	38,902	23,459	28,009	5,367	9,176	2,222	8,974	2,045
<b>Total, 1st 60 institutions .....</b>	<b>15,419,238</b>	<b>2,397,395</b>	<b>1,252,537</b>	<b>916,282</b>	<b>538,419</b>	<b>9,163,979</b>	<b>257,929</b>	<b>689,957</b>	<b>202,740</b>
61 Clemson University .....	114,903	35,374	6,996	1,094	3,816	62,486	130	4,518	489
62 Arizona State University .....	108,117	36,612	19,021	11,532	4,901	15,949	5,438	9,591	5,073
63 Florida State University .....	105,095	11,673	43,626	14,303	5,415	12,779	4,234	13,065	0
64 Washington State U .....	104,796	16,660	4,881	1,896	436	70,714	217	9,450	542
65 U of South Carolina .....	104,398	23,095	12,921	15,868	10,408	24,371	4,013	9,540	4,182
66 U TX Hlth Sci Ctr San Ant .....	103,824	0	0	0	0	103,824	0	0	0
67 Utah State University .....	103,161	41,074	4,464	8,453	1,611	35,626	1,067	2,578	8,288
68 U of Alaska Fairbanks .....	102,500	6,681	37,044	21,644	12,899	19,887	0	4,345	0
69 U TX Med Br at Galveston .....	97,896	1,490	0	0	0	96,406	0	0	0
70 U MA Worcester .....	97,587	0	0	0	0	97,587	0	0	0
<b>Total, 1st 70 institutions .....</b>	<b>16,461,515</b>	<b>2,570,054</b>	<b>1,381,490</b>	<b>991,072</b>	<b>577,905</b>	<b>9,703,608</b>	<b>273,028</b>	<b>743,044</b>	<b>221,314</b>
71 U MA Amherst .....	97,052	17,476	20,094	8,707	13,344	28,833	4,788	1,651	2,159
72 Auburn University .....	92,612	23,859	3,083	488	398	56,273	453	2,084	5,974
73 Kansas State University .....	91,790	15,935	8,062	790	1,270	59,728	1,109	3,288	1,608
74 Oklahoma State University .....	88,285	16,752	6,282	2,139	1,886	49,269	415	7,796	3,746
75 Virginia Commonwealth U .....	88,220	3,259	5,877	83	485	75,323	2,081	1,112	0
76 U CA Riverside .....	83,580	9,995	7,627	11,115	764	47,470	1,867	3,337	1,405
77 SUNY at Albany .....	82,792	0	10,423	6,379	953	55,159	2,489	7,389	0
78 New Mexico State Univ .....	79,695	46,790	4,574	2,940	4,574	19,165	435	722	495
79 University of Delaware .....	74,711	23,730	11,038	9,960	3,113	20,227	1,725	4,918	0
80 U of New Hampshire .....	72,108	12,462	2,277	36,418	820	13,556	1,300	4,781	494
<b>Total, 1st 80 institutions .....</b>	<b>17,312,360</b>	<b>2,740,312</b>	<b>1,460,827</b>	<b>1,070,091</b>	<b>605,512</b>	<b>10,128,611</b>	<b>289,690</b>	<b>780,122</b>	<b>237,195</b>
81 U of Arkansas Main .....	70,817	12,460	5,560	2,291	478	47,239	238	2,551	0
82 Texas Tech University .....	68,224	17,363	5,437	8,139	2,117	28,017	253	5,946	952
83 West Virginia University .....	66,130	20,560	4,295	5,671	2,002	32,628	275	16	683
84 Montana St U Bozeman .....	65,324	9,369	10,712	455	236	39,492	0	2,721	2,339
85 Med U of South Carolina .....	65,243	0	0	0	0	65,243	0	0	0
86 University of Louisville .....	64,062	4,887	2,706	211	1,793	49,922	1,819	2,724	0
87 University of Vermont .....	63,391	1,279	1,107	413	1,392	56,067	938	206	1,989
88 University of Idaho .....	61,347	9,838	2,073	4,656	1,059	39,812	725	2,102	1,082
89 U of Nevada Reno .....	56,248	4,268	5,895	6,552	660	26,014	1,110	1,379	10,370
90 U CA Santa Cruz .....	56,212	3,119	23,844	13,839	2,620	9,270	1,142	2,335	43
<b>Total, 1st 90 institutions .....</b>	<b>17,949,358</b>	<b>2,823,455</b>	<b>1,522,456</b>	<b>1,112,318</b>	<b>617,869</b>	<b>10,522,315</b>	<b>296,190</b>	<b>800,102</b>	<b>254,653</b>
91 San Diego St University .....	55,002	6,710	2,813	3,166	2,984	20,629	6,160	5,893	6,647
92 U of Maine .....	54,821	7,326	9,028	15,214	1,062	18,431	465	3,041	254
93 Temple University .....	52,466	1,145	4,676	168	503	30,675	4,360	10,939	0
94 U of Nebraska Med Ctr .....	51,547	0	0	0	0	51,547	0	0	0
95 North Dakota State U .....	50,063	1,133	3,844	137	1,073	37,124	475	4,769	1,508
96 U of Arkansas Medical Sci .....	49,074	0	0	0	0	49,074	0	0	0
97 University of Houston .....	48,902	18,081	8,571	1,239	4,054	11,520	2,954	2,088	395
98 U of Rhode Island .....	48,135	3,758	851	23,212	183	11,311	3,434	497	4,889
99 NJ Inst of Technology .....	47,895	18,274	1,382	0	1,009	0	0	0	27,230
100 U of Central Florida .....	47,646	9,157	13,656	8,250	514	3,566	1,026	5,204	6,273
<b>Total, 1st 100 institutions .....</b>	<b>18,454,909</b>	<b>2,889,039</b>	<b>1,567,277</b>	<b>1,163,704</b>	<b>629,251</b>	<b>10,756,192</b>	<b>315,064</b>	<b>832,533</b>	<b>301,849</b>

See explanatory information and SOURCE at end of table.

**Table B-42. R&D expenditures at public universities and colleges, by science and engineering field: fiscal year 2000**

[Dollars in thousands]

Institution and ranking	Total	Engineering	Physical sciences	Environmental sciences	Math & computer sciences	Life sciences	Psychology	Social sciences	Other sciences
101 Medical Col of Georgia .....	45,596	0	0	0	0	45,596	0	0	0
102 U Mississippi, All Camp .....	44,927	3,328	10,177	0	224	25,918	206	1,216	3,858
103 University of Wyoming .....	43,094	4,972	3,164	7,968	568	17,512	305	1,097	7,508
104 U of Alabama Huntsville .....	41,274	17,154	8,185	5,241	8,562	490	0	100	1,542
105 Naval Postgrad School .....	37,502 i	9,989 i	2,393 i	9,038 i	7,651 i	0 i	0 i	5,108 i	3,323 i
106 Georgia State University .....	36,600	0	3,758	569	1,087	9,256	7,182	14,748	0
107 S Illinois U Carbondale .....	36,354	4,760	1,530	691	655	23,401	536	2,293	2,488
108 University of Oregon .....	35,934	966	7,267	2,170	3,538	16,949	2,525	2,519	0
109 U PR Mayaguez Campus .....	34,683	7,398	2,396	3,642	470	19,339	0	233	1,205
110 Florida International U .....	34,649	14,641	3,667	6,372	2,303	3,372	430	3,864	0
Total, 1st 110 institutions .....	18,845,522	2,952,247	1,609,814	1,199,395	654,309	10,918,025	326,248	863,711	321,773
111 Col of William & Mary .....	33,299	0	5,126	23,938	1,134	1,515	355	1,231	0
112 U of LA Lafayette .....	32,692	6,613	966	327	4,251	18,167	214	906	1,248
113 CA St U Long Beach .....	32,551	2,675	1,307	533	73	13,224	6,187	8,552	0
114 University of Alabama, The .....	31,847	17,058	3,280	2,399	2,834	2,365	1,346	2,140	425
115 SUNY Hlth Sci Ctr Brklyn .....	31,626	0	0	0	0	31,626	0	0	0
116 U MD Ctr for Environ Sci .....	31,605	0	0	31,605	0	0	0	0	0
117 U MD Biotechnology Inst .....	29,946	0	0	7,442	0	22,504	0	0	0
118 Univ of Montana, The .....	29,590	0	1,238	450	2,005	20,509	185	2,586	2,617
119 Wright State University .....	29,092	3,216	2,151	384	4,465	17,350	1,169	180	177
120 Univ of Memphis, The .....	27,381	2,908	961	4,095	1,212	2,833	9,375	4,748	1,249
Total, 1st 120 institutions .....	19,155,151	2,984,717	1,624,843	1,270,568	670,283	11,048,118	345,079	884,054	327,489
121 Michigan Tech University .....	27,204	18,387	1,636	1,813	768	4,160	0	209	231
122 George Mason University .....	26,793	6,286	405	5,059	1,436	4,485	1,903	7,219	0
123 SUNY Col Env Sci Frstry .....	26,663	9,412e	2,080e	2,746e	0e	12,345e	0e	80e	0e
124 U MD Baltimore County .....	26,044	8,198	3,756	5,373	977	4,777	740	2,223	0
125 U of Missouri Rolla .....	25,968	19,698	4,368	1,057	670	156	4	5	10
126 Desert Research Institute .....	25,877	0	0	19,454	0	0	0	0	6,423
127 TX A&M U Sys Hlth Sci Ctr .....	25,736	0	0	0	0	25,719	0	17	0
128 Old Dominion University .....	25,058	11,712	1,420	5,788	1,562	3,349	673	554	0
129 U of Nevada Las Vegas .....	24,215	3,062	4,687	10,579	794	3,248	54	1,791	0
130 Unif Svcs U of Hlth Sci .....	23,987	0	0	0	0	23,987	0	0	0
Total, 1st 130 institutions .....	19,412,696	3,061,472	1,643,195	1,322,437	676,490	11,130,344	348,453	896,152	334,153
131 Ohio University .....	23,767	10,487	3,872	753	291	5,650	968	900	846
132 NM Inst Mining & Tech .....	23,636	14,393	2,151	6,535	216	308	33	0	0
133 Colorado School of Mines .....	21,795	13,878	6,318	961	580	0	0	58	0
134 Florida A&M University .....	21,612	3,111	1,780	2,274	1,781	12,442	0	224	0
135 U PR Med Sci Campus .....	21,373	0	0	0	0	21,373	0	0	0
136 San Jose State University .....	21,005e	5,770e	1,881e	9,427e	328e	598e	2,938e	63e	0e
137 U TX at El Paso .....	20,877	8,322	1,546	4,423	1,309	3,340	807	1,130	0
138 U WI-Milwaukee .....	20,010	3,390	3,854	3,675	1,166	2,117	590	5,042	176
139 U of Missouri Kansas City .....	19,647	44	959	116	1,301	14,979	554	1,059	635
140 Florida Atlantic U .....	19,535	11,325	739	2,829	1,272	307	1,636	1,142	285
Total, 1st 140 institutions .....	19,625,953	3,132,192	1,666,295	1,353,430	684,734	11,191,458	355,979	905,770	336,095

See explanatory information and SOURCE at end of table.

**Table B-42. R&D expenditures at public universities and colleges,  
by science and engineering field: fiscal year 2000**

[Dollars in thousands]

Page 4 of 4

Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
141 University of Akron .....	19,495	6,039	8,279	133	426	797	100	3,721	0
142 U MA Lowell .....	19,334	7,124	4,754	1,855	680	2,205	724	1,348	644
143 SUNY at Binghamton .....	18,661	5,547	2,485	848	1,018	2,141	2,991	3,537	94
144 U Southern Mississippi .....	17,706	405	4,113	6,238	178	1,245	219	532	4,776
145 U of North Dakota .....	17,343	7,970	969	1,640	102	5,217	0	458	987
146 SUNY Upstate Med U .....	17,095	0	0	0	0	17,095	0	0	0
147 CUNY City College .....	17,059	4,388	6,253	1,109	1,423	3,327	363	196	0
148 South Dakota State U .....	16,784	942	555	669	17	14,114	0	487	0
149 Portland State University .....	16,494	2,186	626	1,117	1,414	1,870	137	9,095	49
150 Wichita State University .....	16,213	12,808	1,206	43	431	953	700	72	0
Total, 1st 150 institutions .....	19,802,137	3,179,601	1,695,535	1,367,082	690,423	11,240,422	361,213	925,216	342,645
Total, all other sampled institutions .....	715,299	109,022	102,794	60,760	50,422	258,428	20,005	73,541	40,327

**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