

**Table B-39. R&D expenditures at universities and colleges,
by science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
Total, all institutions	30,062,371	4,550,315	2,705,907	1,768,760	1,219,099	17,479,853	516,365	1,295,905	526,167
1 Johns Hopkins U ¹	901,156	251,993	97,484	37,558	94,720	385,907	3,636	10,588	19,270
2 U WI-Madison	554,361	71,293	46,678	28,001	12,274	341,779	23,237	31,083	16
3 University of Michigan	551,556	136,176	23,407	7,609	12,225	306,199	9,076	56,840	24
4 U CA Los Angeles	530,826	46,434	45,035	14,893	12,638	368,030	9,012	32,915	1,869
5 U of Washington	529,342	39,009	27,122	64,112	9,238	372,339	9,493	8,029	0
6 U CA San Diego	518,559	46,660	33,652	115,186	51,277	255,497	5,364	9,668	1,255
7 U CA Berkeley	518,514	120,757	90,306	7,132	7,808	219,128	7,218	41,708	24,457
8 Stanford University	454,780	107,473	53,222	8,056	18,748	256,252	4,584	6,445	0
9 U CA San Francisco	443,013	0	12,332	0	0	429,541	0	1,140	0
10 U of Pennsylvania	430,389	13,315	24,780	847	10,118	343,388	2,903	30,842	4,196
Total, 1st 10 institutions	5,432,496	833,110	454,018	283,394	229,046	3,278,060	74,523	229,258	51,087
11 Pennsylvania State U	427,575	162,795	42,461	20,396	9,628	147,340	11,227	16,529	17,199
12 MA Institute of Tech	426,299	149,282	92,198	22,009	39,481	73,228	1,357	8,293	40,451
13 University of Minnesota	411,380	41,343	24,475	12,762	12,090	297,925	8,218	14,567	0
14 Cornell University	410,393	54,860	70,153	4,221	18,961	243,158	6,077	12,963	0
15 Texas A&M University	397,268	118,494	24,131	85,330	6,993	146,600	2,752	7,227	5,741
16 U of IL Urbana-Champaign	373,024	95,353	48,612	28,497	63,629	97,752	8,872	24,868	5,441
17 U CA Davis	364,789	35,197	18,183	9,958	3,719	292,503	1,509	3,649	71
18 Washington University	362,216	7,354	10,535	4,374	9,077	324,032	1,663	4,217	964
19 Ohio State University	361,399	82,705	24,446	7,512	22,801	194,937	4,480	20,035	4,483
20 Duke University	356,625	15,249	13,288	7,556	4,087	298,144	3,645	14,656	0
Total, 1st 20 institutions	9,323,464	1,595,742	822,500	486,009	419,512	5,393,679	124,323	356,262	125,437
21 University of Colorado	353,528	31,022	71,941	62,769	8,148	163,132	7,799	7,160	1,557
22 University of Arizona	345,090	48,272	83,227	10,343	7,685	180,467	38	15,044	14
23 Harvard University	341,810	4,402	32,530	13,868	3,904	251,246	4,387	31,473	0
24 Baylor Col of Medicine	334,175	0	0	0	0	334,175	0	0	0
25 Columbia U in City of NY	319,693	16,393	26,104	49,198	6,963	212,281	3,066	5,413	275
26 University of Florida	313,692	47,513	20,005	3,830	7,109	220,588	5,122	9,525	0
27 Georgia Institute of Tech	304,511	197,589	21,141	23,382	40,168	8,008	4,358	4,594	5,271
28 U of Southern California	300,445	46,319	10,177	14,394	53,132	162,756	3,965	7,640	2,062
29 Yale University	296,706	7,766	18,830	2,530	3,981	257,472	4,162	1,965	0
30 University of Pittsburgh	294,809	11,858	11,914	537	3,192	253,612	4,546	7,750	1,400
Total, 1st 30 institutions	12,527,923	2,006,876	1,118,369	666,860	553,794	7,437,416	161,766	446,826	136,016
31 NC State University	277,946	76,839	20,814	15,699	16,014	136,438	917	6,918	4,307
32 U TX at Austin	272,811	100,294	56,338	24,134	39,361	39,125	3,423	9,617	519
33 U of NC Chapel Hill	269,072	0	17,580	11,382	9,429	204,646	3,710	22,325	0
34 University of Georgia	258,476	7,605	10,068	13,994	7,615	180,275	7,632	31,287	0
35 U MD at College Park	252,429	76,091	53,718	6,402	20,632	37,526	3,233	54,827	0
36 Louisiana State U System	251,233	41,628	17,479	31,665	3,422	147,295	661	8,331	752
37 Northwestern University	245,774	44,685	20,408	859	4,929	153,243	2,952	8,260	10,438
38 U of Iowa	236,944	22,921	15,985	2,025	1,509	183,099	3,180	7,970	255
39 Purdue University	234,536	71,515	20,095	4,096	10,497	106,891	2,965	18,050	427
40 U of Alabama Birmingham	233,461	6,835	3,316	0	543	216,304	6,233	230	0
Total, 1st 40 institutions	15,060,605	2,455,289	1,354,170	777,116	667,745	8,842,258	196,672	614,641	152,714
41 Indiana University	227,737	2,614	29,682	3,070	5,916	131,540	9,073	29,271	16,571
42 Michigan State University	227,734	18,348	35,882	1,827	4,193	143,190	3,664	18,524	2,106
43 Rutgers the State U NJ	225,268	33,681	23,768	20,936	15,160	99,301	7,758	22,708	1,956
44 U of MD Baltimore	224,346	0	0	0	0	224,346	0	0	0
45 California Inst of Tech	222,666	43,320	118,664	13,846	4,673	31,932	0	439	9,792
46 Emory University	206,070	0	8,355	3	961	192,492	967	3,292	0
47 University of Kentucky	202,392	31,426	8,068	546	2,060	145,901	799	3,174	10,418
48 University of Rochester	197,335	46,494	13,461	707	2,650	124,571	7,975	1,387	90
49 U of IL Chicago	195,839	19,007	8,186	1,696	5,406	142,203	4,155	9,439	5,747
50 Case Western Reserve U	193,057	25,518	6,496	438	374	153,776	682	5,773	0
Total, 1st 50 institutions	17,183,049	2,675,697	1,606,732	820,185	709,138	10,231,510	231,745	708,648	199,394

See explanatory information and SOURCE at end of table.

**Table B-39. R&D expenditures at universities and colleges,
by science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
51 VA Polytech Inst & St U	192,672	66,963	10,223	16,786	4,874	84,265	2,142	7,419	0
52 U TX SW Med Ctr at Dallas	189,216	0	0	0	0	189,216	0	0	0
53 SUNY at Buffalo	187,692	32,301	9,790	1,286	8,678	124,168	4,990	6,301	178
54 University of Utah	187,661	25,293	15,453	4,040	14,970	124,257	1,836	1,812	0
55 New York University	182,205	0	5,200	922	11,475	147,489	9,909	5,566	1,644
56 U TX MD Anderson Cnvr Ctr ..	182,196	0	3,707	0	5,142	173,347	0	0	0
57 Iowa State University	175,558	47,049	9,232	3,803	9,967	79,334	643	15,842	9,688
58 University of Virginia	174,522	26,910	13,233	5,692	4,912	117,971	3,002	2,479	323
59 University of Cincinnati	172,085	24,127	5,079	213	466	135,543	785	3,381	2,491
60 Vanderbilt University	171,926	12,223	12,865	269	870	137,734	2,674	5,291	0
Total, 1st 60 institutions	18,998,782	2,910,563	1,691,514	853,196	770,492	11,544,834	257,726	756,739	213,718
61 University of Chicago	170,678	0	35,534	5,663	3,242	121,687	2,306	2,246	0
62 U of Tennessee System	163,690	32,928	10,933	9,330	8,591	95,074	177	5,221	1,436
63 SUNY at Stony Brook	163,307	15,574	24,797	17,379	7,859	89,558	4,057	3,159	924
64 Univ of Hawaii at Manoa	161,300	8,734	26,699	51,453	434	63,662	457	3,611	6,250
65 University of Connecticut	161,084	27,294	7,097	8,259	1,861	97,825	7,876	8,552	2,320
66 U of Missouri Columbia	158,861	21,818	5,215	1,088	1,436	112,396	4,515	12,393	0
67 U CA Irvine	158,437	15,518	16,519	3,373	6,078	107,771	3,313	5,494	371
68 Wayne State University	156,814	12,155	11,683	31	1,337	120,701	3,096	5,358	2,453
69 Boston University	154,029	17,455	12,569	3,370	2,299	103,731	3,349	1,934	9,322
70 Colorado State University	152,279	15,452	8,469	14,402	2,465	96,098	2,679	2,722	9,992
Total, 1st 70 institutions	20,599,261	3,077,491	1,851,029	967,544	806,094	12,553,337	289,551	807,429	246,786
71 University of Oklahoma	150,902	15,163	15,549	29,158	3,225	63,984	13,927	9,896	0
72 Mt Sinai Sch Med	149,846	0	0	0	0	149,846	0	0	0
73 University of Kansas	148,670	12,403	10,207	10,919	4,304	95,317	1,224	5,711	8,585
74 University of Miami	145,795	1,344	2,268	28,353	179	103,472	6,893	3,286	0
75 U of South Florida	145,397	16,698	2,556	19,197	538	95,756	7,542	3,090	20
76 U Med & Dent of NJ	140,951	0	0	0	0	140,951	0	0	0
77 Oregon State University	140,751	13,903	5,479	33,940	2,299	82,485	21	2,112	512
78 Yeshiva University	139,618	0	0	0	0	139,618	0	0	0
79 Carnegie Mellon U	137,980	36,892	7,942	3,038	58,595	14,578	5,880	9,193	1,862
80 U of Nebraska at Lincoln	136,023	22,365	10,888	12,710	5,219	64,285	1,901	10,505	8,150
Total, 1st 80 institutions	22,035,194	3,196,259	1,905,918	1,104,859	880,453	13,503,629	326,939	851,222	265,915
81 Princeton University	134,875	41,026	27,100	12,946	8,815	23,185	5,259	16,544	0
82 University of New Mexico	133,980	26,464	11,000	1,953	3,004	46,280	5,872	6,574	32,833
83 Georgetown University	133,211	0	4,969	186	160	119,611	93	7,500	692
84 Mississippi State U	132,503	38,107	5,223	3,540	3,014	75,070	887	4,349	2,313
85 Oregon Health Sciences U	131,486	0	0	0	0	126,445	5,041	0	0
86 Rockefeller U, The	124,138	0	4,066	0	2,993	117,079	0	0	0
87 UT Houston Hlth Sci Ctr	119,587	0	0	0	0	119,587	0	0	0
88 U CA Santa Barbara	118,154	38,902	23,459	28,009	5,367	9,176	2,222	8,974	2,045
89 Clemson University	114,903	35,374	6,996	1,094	3,816	62,486	130	4,518	489
90 Arizona State University	108,117	36,612	19,021	11,532	4,901	15,949	5,438	9,591	5,073
Total, 1st 90 institutions	23,286,148	3,412,744	2,007,752	1,164,119	912,523	14,218,497	351,881	909,272	309,360
91 Tufts University	105,783	7,342	3,838	1,438	1,399	83,227	2,933	5,606	0
92 Florida State University	105,095	11,673	43,626	14,303	5,415	12,779	4,234	13,065	0
93 Washington State U	104,796	16,660	4,881	1,896	436	70,714	217	9,450	542
94 U of South Carolina	104,398	23,095	12,921	15,868	10,408	24,371	4,013	9,540	4,182
95 U TX Hlth Sci Ctr San Ant	103,824	0	0	0	0	103,824	0	0	0
96 Utah State University	103,161	41,074	4,464	8,453	1,611	35,626	1,067	2,578	8,288
97 U of Alaska Fairbanks	102,500	6,681	37,044	21,644	12,899	19,887	0	4,345	0
98 U TX Med Br at Galveston	97,896	1,490	0	0	0	96,406	0	0	0
99 U MA Worcester	97,587	0	0	0	0	97,587	0	0	0
100 U MA Amherst	97,052	17,476	20,094	8,707	13,344	28,833	4,788	1,651	2,159
Total, 1st 100 institutions	24,308,240	3,538,235	2,134,620	1,236,428	958,035	14,791,751	369,133	955,507	324,531

See explanatory information and SOURCE at end of table.

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by science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
101 Auburn University	92,612	23,859	3,083	488	398	56,273	453	2,084	5,974
102 Kansas State University	91,790	15,935	8,062	790	1,270	59,728	1,109	3,288	1,608
103 Tulane University	89,785	6,697	2,784	1,448	730	70,301	358	2,097	5,370
104 Thomas Jefferson U	89,626	0	0	0	0	89,626	0	0	0
105 Oklahoma State University	88,285	16,752	6,282	2,139	1,886	49,269	415	7,796	3,746
106 Virginia Commonwealth U	88,220	3,259	5,877	83	485	75,323	2,081	1,112	0
107 Wake Forest University	86,840	0	621	0	158	85,675	0	0	386
108 U CA Riverside	83,580	9,995	7,627	11,115	764	47,470	1,867	3,337	1,405
109 SUNY at Albany	82,792	0	10,423	6,379	953	55,159	2,489	7,389	0
110 Woods Hole Oceanogr Inst	81,547	16,637	0	64,910	0	0	0	0	0
Total, 1st 110 institutions	25,183,317	3,631,369	2,179,379	1,323,780	964,679	15,380,575	377,905	982,610	343,020
111 Brown University	81,476	9,958	8,806	5,370	12,085	38,501	2,143	4,613	0
112 New Mexico State Univ	79,695	46,790	4,574	2,940	4,574	19,165	435	722	495
113 Dartmouth College	78,874	8,691	2,888	751	2,156	59,803	3,100	667	818
114 University of Delaware	74,711	23,730	11,038	9,960	3,113	20,227	1,725	4,918	0
115 U of New Hampshire	72,108	12,462	2,277	36,418	820	13,556	1,300	4,781	494
116 U of Arkansas Main	70,817	12,460	5,560	2,291	478	47,239	238	2,551	0
117 Medical Col of Wisconsin	70,581	0	0	0	0	70,581	0	0	0
118 George Washington U	69,300	8,536	1,974	43	16,276	23,310	790	8,827	9,544
119 Texas Tech University	68,224	17,363	5,437	8,139	2,117	28,017	253	5,946	952
120 Rush University	68,189	0	0	0	0	67,122	1,067	0	0
Total, 1st 120 institutions	25,917,292	3,771,359	2,221,933	1,389,692	1,006,298	15,768,096	388,956	1,015,635	355,323
121 West Virginia University	66,130	20,560	4,295	5,671	2,002	32,628	275	16	683
122 Montana St U Bozeman	65,324	9,369	10,712	455	236	39,492	0	2,721	2,339
123 Med U of South Carolina	65,243	0	0	0	0	65,243	0	0	0
124 University of Louisville	64,062	4,887	2,706	211	1,793	49,922	1,819	2,724	0
125 University of Vermont	63,391	1,279	1,107	413	1,392	56,067	938	206	1,989
126 University of Idaho	61,347	9,838	2,073	4,656	1,059	39,812	725	2,102	1,082
127 U of Nevada Reno	56,248	4,268	5,895	6,552	660	26,014	1,110	1,379	10,370
128 U CA Santa Cruz	56,212	3,119	23,844	13,839	2,620	9,270	1,142	2,335	43
129 San Diego St University	55,002	6,710	2,813	3,166	2,984	20,629	6,160	5,893	6,647
130 U of Maine	54,821	7,326	9,028	15,214	1,062	18,431	465	3,041	254
Total, 1st 130 institutions	26,525,072	3,838,715	2,284,406	1,439,869	1,020,106	16,125,604	401,590	1,036,052	378,730
131 Temple University	52,466	1,145	4,676	168	503	30,675	4,360	10,939	0
132 U of Nebraska Med Ctr	51,547	0	0	0	0	51,547	0	0	0
133 North Dakota State U	50,063	1,133	3,844	137	1,073	37,124	475	4,769	1,508
134 U of Arkansas Medical Sci	49,074	0	0	0	0	49,074	0	0	0
135 University of Houston	48,902	18,081	8,571	1,239	4,054	11,520	2,954	2,088	395
136 U of Rhode Island	48,135	3,758	851	23,212	183	11,311	3,434	497	4,889
137 NJ Inst of Technology	47,895	18,274	1,382	0	1,009	0	0	0	27,230
138 Brandeis University	47,658	0	4,666	0	1,546	20,159	1,712	19,575	0
139 U of Central Florida	47,646	9,157	13,656	8,250	514	3,566	1,026	5,204	6,273
140 Medical Col of Georgia	45,596	0	0	0	0	45,596	0	0	0
Total, 1st 140 institutions	27,014,054	3,890,263	2,322,052	1,472,875	1,028,988	16,386,176	415,551	1,079,124	419,025
141 U Mississippi, All Camp	44,927	3,328	10,177	0	224	25,918	206	1,216	3,858
142 University of Wyoming	43,094	4,972	3,164	7,968	568	17,512	305	1,097	7,508
143 Rice University	41,840	9,031	11,909	1,354	13,399	5,364	374	409	0
144 MCP Hahnemann University ..	41,670	0	0	0	0	41,267	403	0	0
145 U of Alabama Huntsville	41,274	17,154	8,185	5,241	8,562	490	0	100	1,542
146 Rensselaer Polytech Inst	40,762	31,036	5,061	1,209	1,799	1,067	13	113	464
147 Syracuse University	39,468	10,653	5,358	1,184	12,058	4,502	1,865	2,784	1,064
148 University of Dayton	39,345	36,325	1,432	219	99	337	300	5	628
149 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
150 Georgia State University	36,600	0	3,758	569	1,087	9,256	7,182	14,748	0
Total, 1st 150 institutions	27,420,536	4,012,751	2,373,489	1,499,657	1,074,435	16,491,889	426,199	1,104,704	437,412

See explanatory information and SOURCE at end of table.

**Table B-39. R&D expenditures at universities and colleges,
by science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
151 S Illinois U Carbondale	36,354	4,760	1,530	691	655	23,401	536	2,293	2,488
152 University of Oregon	35,934	966	7,267	2,170	3,538	16,949	2,525	2,519	0
153 Northeastern University	35,340	11,680	12,507	13	1,851	6,838	1,281	1,170	0
154 U PR Mayaguez Campus	34,683	7,398	2,396	3,642	470	19,339	0	233	1,205
155 Florida International U	34,649	14,641	3,667	6,372	2,303	3,372	430	3,864	0
156 University of Notre Dame	34,524	9,449	15,252	0	1,596	5,801	1,355	537	534
157 Col of William & Mary	33,299	0	5,126	23,938	1,134	1,515	355	1,231	0
158 U of LA Lafayette	32,692	6,613	966	327	4,251	18,167	214	906	1,248
159 CA St U Long Beach	32,551	2,675	1,307	533	73	13,224	6,187	8,552	0
160 University of Alabama, The	31,847	17,058	3,280	2,399	2,834	2,365	1,346	2,140	425
Total, 1st 160 institutions	27,762,409	4,087,991	2,426,787	1,539,742	1,093,140	16,602,860	440,428	1,128,149	443,312
161 SUNY Hlth Sci Ctr Brklyn	31,626	0	0	0	0	31,626	0	0	0
162 U MD Ctr for Environ Sci	31,605	0	0	31,605	0	0	0	0	0
163 C R Drew U of Med & Sci	31,045	0	0	0	0	31,045	0	0	0
164 Saint Louis University	31,002	0	30	570	137	29,888	64	0	313
165 Loyola U of Chicago	30,034	0	2,155	30	88	25,087	1,227	1,447	0
166 U MD Biotechnology Inst	29,946	0	0	7,442	0	22,504	0	0	0
167 Univ of Montana, The	29,590	0	1,238	450	2,005	20,509	185	2,586	2,617
168 Wright State University	29,092	3,216	2,151	384	4,465	17,350	1,169	180	177
169 Boston College	27,767	0	7,638	450	12,182	2,876	417	4,204	0
170 Univ of Memphis, The	27,381	2,908	961	4,095	1,212	2,833	9,375	4,748	1,249
Total, 1st 170 institutions	28,061,497	4,094,115	2,440,960	1,584,768	1,113,229	16,786,578	452,865	1,141,314	447,668
171 Howard University	27,254	1,772	3,925	97	2,530	16,400	360	2,119	51
172 Michigan Tech University	27,204	18,387	1,636	1,813	768	4,160	0	209	231
173 George Mason University	26,793	6,286	405	5,059	1,436	4,485	1,903	7,219	0
174 SUNY Col Env Sci Frstry	26,663	9,412e	2,080e	2,746e	0e	12,345e	0e	80e	0e
175 U MD Baltimore County	26,044	8,198	3,756	5,373	977	4,777	740	2,223	0
176 U of Missouri Rolla	25,968	19,698	4,368	1,057	670	156	4	5	10
177 Desert Research Institute	25,877	0	0	19,454	0	0	0	0	6,423
178 TX A&M U Sys Hlth Sci Ctr	25,736	0	0	0	0	25,719	0	17	0
179 Lehigh University	25,506	19,503	3,158	1,247	362	1,075	126	35	0
180 Old Dominion University	25,058	11,712	1,420	5,788	1,562	3,349	673	554	0
Total, 1st 180 institutions	28,323,600	4,189,083	2,461,708	1,627,402	1,121,534	16,859,044	456,671	1,153,775	454,383
181 Drexel University	24,876	15,828	1,583	452	2,519	527	927	3,040	0
182 Loma Linda University	24,369	0	0	0	0	21,488	0	826	2,055
183 U of Nevada Las Vegas	24,215	3,062	4,687	10,579	794	3,248	54	1,791	0
184 Unif Svcs U of Hlth Sci	23,987	0	0	0	0	23,987	0	0	0
185 Ohio University	23,767	10,487	3,872	753	291	5,650	968	900	846
186 NM Inst Mining & Tech	23,636	14,393	2,151	6,535	216	308	33	0	0
187 New York Medical College	23,348	0	0	0	0	23,348	0	0	0
188 Eastern VA Med School	23,299	0	0	0	0	23,299	0	0	0
189 Colorado School of Mines	21,795	13,878	6,318	961	580	0	0	58	0
190 Florida A&M University	21,612	3,111	1,780	2,274	1,781	12,442	0	224	0
Total, 1st 190 institutions	28,558,504	4,249,842	2,482,099	1,648,956	1,127,715	16,973,341	458,653	1,160,614	457,284

See explanatory information and SOURCE at end of table.

**Table B-39. R&D expenditures at universities and colleges,
by science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Institution and ranking	Total	Engi- neering	Physical sciences	Environ- mental sciences	Math & computer sciences	Life sciences	Psy- chology	Social sciences	Other sciences
191 U PR Med Sci Campus	21,373	0	0	0	0	21,373	0	0	0
192 San Jose State University	21,005e	5,770e	1,881e	9,427e	328e	598e	2,938e	63e	0e
193 U TX at El Paso	20,877	8,322	1,546	4,423	1,309	3,340	807	1,130	0
194 U WI-Milwaukee	20,010	3,390	3,854	3,675	1,166	2,117	590	5,042	176
195 U of Missouri Kansas City	19,647	44	959	116	1,301	14,979	554	1,059	635
196 Florida Atlantic U	19,535	11,325	739	2,829	1,272	307	1,636	1,142	285
197 University of Akron	19,495	6,039	8,279	133	426	797	100	3,721	0
198 U MA Lowell	19,334	7,124	4,754	1,855	680	2,205	724	1,348	644
199 OR Grad Inst Sci & Tech	18,856	3,613	3,414	3,582	8,194	0	0	53	0
200 SUNY at Binghamton	18,661	5,547	2,485	848	1,018	2,141	2,991	3,537	94
Total, 1st 200 institutions	28,757,297	4,301,016	2,510,010	1,675,844	1,143,409	17,021,198	468,993	1,177,709	459,118
Total, all other sampled institutions	1,305,074	249,299	195,897	92,916	75,690	458,655	47,372	118,196	67,049

¹ Johns Hopkins University includes Applied Physics Laboratory.

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