

**Table B-44. R&D expenditures at private 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	9,544,935	1,261,692	907,578	340,918	478,254	5,981,003	135,147	297,148	143,195
1 Johns Hopkins U ¹	901,156	251,993	97,484	37,558	94,720	385,907	3,636	10,588	19,270
2 Stanford University	454,780	107,473	53,222	8,056	18,748	256,252	4,584	6,445	0
3 U of Pennsylvania	430,389	13,315	24,780	847	10,118	343,388	2,903	30,842	4,196
4 MA Institute of Tech	426,299	149,282	92,198	22,009	39,481	73,228	1,357	8,293	40,451
5 Cornell University	410,393	54,860	70,153	4,221	18,961	243,158	6,077	12,963	0
6 Washington University	362,216	7,354	10,535	4,374	9,077	324,032	1,663	4,217	964
7 Duke University	356,625	15,249	13,288	7,556	4,087	298,144	3,645	14,656	0
8 Harvard University	341,810	4,402	32,530	13,868	3,904	251,246	4,387	31,473	0
9 Baylor Col of Medicine	334,175	0	0	0	0	334,175	0	0	0
10 Columbia U in City of NY	319,693	16,393	26,104	49,198	6,963	212,281	3,066	5,413	275
Total, 1st 10 institutions	4,337,536	620,321	420,294	147,687	206,059	2,721,811	31,318	124,890	65,156
11 U of Southern California	300,445	46,319	10,177	14,394	53,132	162,756	3,965	7,640	2,062
12 Yale University	296,706	7,766	18,830	2,530	3,981	257,472	4,162	1,965	0
13 Northwestern University	245,774	44,685	20,408	859	4,929	153,243	2,952	8,260	10,438
14 California Inst of Tech	222,666	43,320	118,664	13,846	4,673	31,932	0	439	9,792
15 Emory University	206,070	0	8,355	3	961	192,492	967	3,292	0
16 University of Rochester	197,335	46,494	13,461	707	2,650	124,571	7,975	1,387	90
17 Case Western Reserve U	193,057	25,518	6,496	438	374	153,776	682	5,773	0
18 New York University	182,205	0	5,200	922	11,475	147,489	9,909	5,566	1,644
19 Vanderbilt University	171,926	12,223	12,865	269	870	137,734	2,674	5,291	0
20 University of Chicago	170,678	0	35,534	5,663	3,242	121,687	2,306	2,246	0
Total, 1st 20 institutions	6,524,398	846,646	670,284	187,318	292,346	4,204,963	66,910	166,749	89,182
21 Boston University	154,029	17,455	12,569	3,370	2,299	103,731	3,349	1,934	9,322
22 Mt Sinai Sch Med	149,846	0	0	0	0	149,846	0	0	0
23 University of Miami	145,795	1,344	2,268	28,353	179	103,472	6,893	3,286	0
24 Yeshiva University	139,618	0	0	0	0	139,618	0	0	0
25 Carnegie Mellon U	137,980	36,892	7,942	3,038	58,595	14,578	5,880	9,193	1,862
26 Princeton University	134,875	41,026	27,100	12,946	8,815	23,185	5,259	16,544	0
27 Georgetown University	133,211	0	4,969	186	160	119,611	93	7,500	692
28 Rockefeller U, The	124,138	0	4,066	0	2,993	117,079	0	0	0
29 Tufts University	105,783	7,342	3,838	1,438	1,399	83,227	2,933	5,606	0
30 Tulane University	89,785	6,697	2,784	1,448	730	70,301	358	2,097	5,370
Total, 1st 30 institutions	7,839,458	957,402	735,820	238,097	367,516	5,129,611	91,675	212,909	106,428
31 Thomas Jefferson U	89,626	0	0	0	0	89,626	0	0	0
32 Wake Forest University	86,840	0	621	0	158	85,675	0	0	386
33 Woods Hole Oceanogr Inst	81,547	16,637	0	64,910	0	0	0	0	0
34 Brown University	81,476	9,958	8,806	5,370	12,085	38,501	2,143	4,613	0
35 Dartmouth College	78,874	8,691	2,888	751	2,156	59,803	3,100	667	818
36 Medical Col of Wisconsin	70,581	0	0	0	0	70,581	0	0	0
37 George Washington U	69,300	8,536	1,974	43	16,276	23,310	790	8,827	9,544
38 Rush University	68,189	0	0	0	0	67,122	1,067	0	0
39 Brandeis University	47,658	0	4,666	0	1,546	20,159	1,712	19,575	0
40 Rice University	41,840	9,031	11,909	1,354	13,399	5,364	374	409	0
Total, 1st 40 institutions	8,555,389	1,010,255	766,684	310,525	413,136	5,589,752	100,861	247,000	117,176
41 MCP Hahnemann University ..	41,670	0	0	0	0	41,267	403	0	0
42 Rensselaer Polytech Inst	40,762	31,036	5,061	1,209	1,799	1,067	13	113	464
43 Syracuse University	39,468	10,653	5,358	1,184	12,058	4,502	1,865	2,784	1,064
44 University of Dayton	39,345	36,325	1,432	219	99	337	300	5	628
45 Northeastern University	35,340	11,680	12,507	13	1,851	6,838	1,281	1,170	0
46 University of Notre Dame	34,524	9,449	15,252	0	1,596	5,801	1,355	537	534
47 C R Drew U of Med & Sci	31,045	0	0	0	0	31,045	0	0	0
48 Saint Louis University	31,002	0	30	570	137	29,888	64	0	313
49 Loyola U of Chicago	30,034	0	2,155	30	88	25,087	1,227	1,447	0
50 Boston College	27,767	0	7,638	450	12,182	2,876	417	4,204	0
Total, 1st 50 institutions	8,906,346	1,109,398	816,117	314,200	442,946	5,738,460	107,786	257,260	120,179

See explanatory information and SOURCE at end of table.

**Table B-44. R&D expenditures at private 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 Howard University	27,254	1,772	3,925	97	2,530	16,400	360	2,119	51
52 Lehigh University	25,506	19,503	3,158	1,247	362	1,075	126	35	0
53 Drexel University	24,876	15,828	1,583	452	2,519	527	927	3,040	0
54 Loma Linda University	24,369	0	0	0	0	21,488	0	826	2,055
55 New York Medical College	23,348	0	0	0	0	23,348	0	0	0
56 Eastern VA Med School	23,299	0	0	0	0	23,299	0	0	0
57 OR Grad Inst Sci & Tech	18,856	3,613	3,414	3,582	8,194	0	0	53	0
58 Mercer University	18,138	13,639	2,098	0	69	2,300	22	10	0
59 Brigham Young University	17,237	6,251	3,163	447	1,381	3,415	488	1,868	224
60 Clark Atlanta University	16,891	1,479	4,092	0	1,293	2,616	393	549	6,469
Total, 1st 60 institutions	9,126,120	1,171,483	837,550	320,025	459,294	5,832,928	110,102	265,760	128,978
61 Morehouse School of Med	16,889	0	0	0	0	16,889	0	0	0
62 Stevens Inst of Tech	15,879	8,010	1,660	2,942	776	0	0	2,491	0
63 Creighton University	15,841	0	252	87	0	15,464	0	38	0
64 Polytechnic University	15,500	8,109	168	0	1,402	0	0	0	5,821
65 Illinois Inst of Tech	13,734	4,443	1,203	0	262	7,142	684	0	0
66 Albany Medical College	11,522	0	0	0	0	11,522	0	0	0
67 Inst of Paper Sci & Tech	10,533e	5,310i	4,358i	0i	0i	865i	0i	0i	0i
68 Worcester Polytech Inst	10,315	8,543	570	0	1,058	142	0	2	0
69 University of Tulsa	10,054	5,839	1,671	854	408	1,080	129	73	0
70 Southern Methodist U	9,713	2,345	1,244	2,344	1,118	1,669	163	450	380
Total, 1st 70 institutions	9,256,100	1,214,082	848,676	326,252	464,318	5,887,701	111,078	268,814	135,179
71 Meharry Medical College	9,460e	0e	0e	320e	7e	9,133e	0e	0e	0e
72 Catholic U of America	9,329	1,371	6,628	0	0	499	476	349	6
73 Hampton University	9,323	1,266	3,826	3,687	345	0	0	199	0
74 Tuskegee University	8,893	907	166	0	0	6,024	0	1,796	0
75 Teachers Col, Columbia U	8,561	0	0	0	417	660	2,992	4,492	0
76 University of Denver	8,383	1,568	2,835	12	420	910	1,916	431	291
77 Clarkson University	7,751	5,313	2,001	0	296	69	72	0	0
78 Marquette University	7,653	2,804	1,222	0	330	2,164	137	996	0
79 Finch U Hlth Sci Chicago	7,587	0	0	0	0	7,000	587	0	0
80 Alfred University	6,442	6,442	0	0	0	0	0	0	0
Total, 1st 80 institutions	9,339,482	1,233,753	865,354	330,271	466,133	5,914,160	117,258	277,077	135,476
81 Florida Inst of Tech	6,058	1,651	1,044	1,052	1,035	1,030	246	0	0
82 Harvey Mudd College	5,699e	1,541i	865i	58i	206i	2,461i	41i	236i	291i
83 U Ctrl Del Caribe Esc Med	5,677	0	0	0	0	5,677	0	0	0
84 Wesleyan University	5,673	0	2,232	177	66	1,806	1,097	295	0
85 Villanova University	5,280	3,345	1,345	60	150	300	80	0	0
86 New School University	5,209	0	0	0	0	661	101	4,447	0
87 Rose-Hulman Inst of Tech	4,994	3,691	659	0	644	0	0	0	0
88 Wellesley College	4,943i	0i	972i	0i	225i	2,696i	0i	1,050i	0i
89 Rochester Inst of Tech	4,755	472	2,311	448	0	1,480	0	0	44
90 Fordham University	3,584	0	114	102	2	780	1,234	1,352	0
Total, 1st 90 institutions	9,391,354	1,244,453	874,896	332,168	468,461	5,931,051	120,057	284,457	135,811

See explanatory information and SOURCE at end of table.

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[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
91 Xavier University of LA	3,425	0	677	0	0	1,919	0	0	829
92 Ponce School of Medicine	3,403	0	0	0	0	3,403	0	0	0
93 Fisk University	3,401	0	3,326	0	75	0	0	0	0
94 Baylor University	3,307	1	1,067	284	95	340	4	110	1,406
95 Texas Christian U	3,050	171	750	8	27	37	2,043	14	0
96 Nova Southeastern U	2,919	0	0	1,571	0	197	1,151	0	0
97 Clark University	2,908	0	867	1,484	5	190	330	32	0
98 Morehouse College	2,853e	0e	293e	0e	63e	1,097e	273e	213e	914e
99 Bryn Mawr College	2,791	0	1,190	211	212	427	172	579	0
100 Baylor Col of Dentistry	2,718	0	0	0	0	2,718	0	0	0
Total, 1st 100 institutions	9,422,129	1,244,625	883,066	335,726	468,938	5,941,379	124,030	285,405	138,960
Total, all other sampled institutions	122,806	17,067	24,512	5,192	9,316	39,624	11,117	11,743	4,235

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