

Table B-45. Federally financed R&D expenditures at private 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	6,855,593	935,634	774,131	278,739	382,417	4,203,975	102,197	125,109	53,391
1 Johns Hopkins U ¹	793,266	247,231	95,181	35,596	93,316	305,404	3,453	8,019	5,066
2 Stanford University	367,127	91,593	48,463	6,029	16,245	199,299	3,830	1,668	0
3 U of Pennsylvania	312,434	9,651	22,163	92	8,699	259,136	2,564	8,585	1,544
4 MA Institute of Tech	306,668	106,362	89,453	20,410	27,459	55,109	1,008	1,954	4,913
5 Columbia U in City of NY	283,163	13,068	25,462	46,838	6,578	185,106	2,865	3,216	30
6 Harvard University	281,699	4,009	29,920	12,362	3,455	213,775	4,059	14,119	0
7 Washington University	254,148	4,120	7,848	2,757	6,817	228,233	1,469	2,904	0
8 Yale University	232,019	4,704	15,835	2,317	2,569	202,801	2,698	1,095	0
9 Cornell University	229,872	30,977	53,842	2,098	11,670	125,344	2,083	3,858	0
10 U of Southern California	210,872	34,857	7,862	9,513	48,514	103,260	3,394	3,009	463
Total, 1st 10 institutions	3,271,268	546,572	396,029	138,012	225,322	1,877,467	27,423	48,427	12,016
11 Duke University	204,180	11,358	11,171	4,638	3,344	159,656	3,089	10,924	0
12 Baylor Col of Medicine	193,249	0	0	0	0	193,249	0	0	0
13 California Inst of Tech	176,177	25,010	109,631	8,910	1,140	27,468	0	219	3,799
14 University of Rochester	150,593	40,942	12,455	671	2,557	88,295	4,761	912	0
15 Case Western Reserve U	150,586	17,301	4,297	339	228	125,924	466	2,031	0
16 Northwestern University	150,238	30,492	14,565	642	2,813	96,823	1,836	2,725	342
17 Emory University	144,914	0	5,658	0	652	137,489	631	484	0
18 University of Chicago	140,872	0	31,905	5,111	3,105	97,251	1,383	2,117	0
19 Boston University	133,730	15,274	12,004	2,918	2,146	88,405	3,295	1,231	8,457
20 Vanderbilt University	129,986	8,667	10,673	207	731	103,565	2,264	3,879	0
Total, 1st 20 institutions	4,845,793	695,616	608,388	161,448	242,038	2,995,592	45,148	72,949	24,614
21 New York University	117,163	0	3,897	96	8,466	93,890	7,874	2,013	927
22 University of Miami	106,633	944	2,134	25,388	129	68,262	6,725	3,051	0
23 Yeshiva University	101,631	0	0	0	0	101,631	0	0	0
24 Georgetown University	98,836	0	3,980	167	144	92,084	0	2,440	21
25 Mt Sinai Sch Med	98,188	0	0	0	0	98,188	0	0	0
26 Carnegie Mellon U	91,191	24,754	6,276	1,092	40,204	7,760	4,095	6,750	260
27 Princeton University	74,681	21,220	18,039	8,035	4,528	15,571	3,743	3,545	0
28 Thomas Jefferson U	67,448	0	0	0	0	67,448	0	0	0
29 Woods Hole Oceanogr Inst	67,036	12,801	0	54,235	0	0	0	0	0
30 Wake Forest University	65,585	0	332	0	157	65,094	0	0	2
Total, 1st 30 institutions	5,734,185	755,335	643,046	250,461	295,666	3,605,520	67,585	90,748	25,824
31 Tufts University	64,677	3,935	2,703	211	1,023	54,306	1,312	1,187	0
32 Dartmouth College	56,369	7,112	2,266	454	1,800	41,537	2,431	308	461
33 Medical Col of Wisconsin	55,034	0	0	0	0	55,034	0	0	0
34 Tulane University	52,080	3,300	1,337	1,329	564	40,122	106	1,656	3,666
35 Brown University	49,943	5,626	4,771	3,377	7,658	26,011	1,400	1,100	0
36 George Washington U	49,627	7,195	1,736	39	15,835	14,073	619	2,403	7,727
37 Rockefeller U, The	45,211	0	2,357	0	745	42,109	0	0	0
38 Rice University	35,144	6,057	9,784	1,354	12,911	4,415	339	284	0
39 Rush University	32,573	0	0	0	0	32,178	395	0	0
40 University of Dayton	31,717	29,831	1,279	177	49	176	205	0	0
Total, 1st 40 institutions	6,206,560	818,391	669,279	257,402	336,251	3,915,481	74,392	97,686	37,678
41 Syracuse University	29,630	6,844	4,736	888	9,670	3,202	1,400	2,090	800
42 MCP Hahnemann University ..	27,379	0	0	0	0	27,127	252	0	0
43 University of Notre Dame	27,362	7,346	13,117	0	1,329	4,237	1,084	85	164
44 Northeastern University	26,916	8,250	11,091	13	1,296	5,057	935	274	0
45 Saint Louis University	26,453	0	13	458	137	25,809	36	0	0
46 Brandeis University	26,444	0	3,493	0	1,484	14,241	1,641	5,585	0
47 Rensselaer Polytech Inst	25,555	17,616	4,402	1,064	1,512	694	5	106	156
48 Howard University	25,292	1,689	3,695	97	2,135	15,284	360	1,987	45
49 C R Drew U of Med & Sci	21,969	0	0	0	0	21,969	0	0	0
50 Loyola U of Chicago	20,695	0	1,778	20	55	16,720	1,142	980	0
Total, 1st 50 institutions	6,464,255	860,136	711,604	259,942	353,869	4,049,821	81,247	108,793	38,843

See explanatory information and SOURCE at end of table.

Table B-45. Federally financed R&D expenditures at private 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 Loma Linda University	18,811	0	0	0	0	15,930	0	826	2,055
52 New York Medical College	17,975	0	0	0	0	17,975	0	0	0
53 Boston College	16,673	0	5,424	377	7,373	1,115	343	2,041	0
54 Clark Atlanta University	16,170	1,403	4,060	0	1,287	2,583	97	494	6,246
55 Morehouse School of Med	15,419	0	0	0	0	15,419	0	0	0
56 Drexel University	14,292	9,795	1,137	452	1,198	353	178	1,179	0
57 OR Grad Inst Sci & Tech	13,743	1,217	3,170	2,949	6,380	0	0	27	0
58 Lehigh University	12,726	8,460	2,295	1,033	195	620	123	0	0
59 Eastern VA Med School	12,114	0	0	0	0	12,114	0	0	0
60 Mercer University	11,350	10,049	356	0	0	935	0	10	0
Total, 1st 60 institutions	6,613,528	891,060	728,046	264,753	370,302	4,116,865	81,988	113,370	47,144
61 Illinois Inst of Tech	10,926	3,465	916	0	230	5,832	483	0	0
62 Brigham Young University	10,378	4,355	2,053	345	589	2,127	141	582	186
63 Meharry Medical College	9,192e	0e	0e	320e	7e	8,865e	0e	0e	0e
64 Hampton University	8,994	1,266	3,547	3,637	345	0	0	199	0
65 Stevens Inst of Tech	8,785	5,069	1,240	880	313	0	0	1,283	0
66 Polytechnic University	8,200	3,579	36	0	923	0	0	0	3,662
67 Albany Medical College	7,691	0	0	0	0	7,691	0	0	0
68 Catholic U of America	7,680	1,036	5,737	0	0	407	465	30	5
69 University of Denver	7,439	1,514	2,214	12	420	808	1,907	351	213
70 Tuskegee University	6,694	662	146	0	0	4,732	0	1,154	0
Total, 1st 70 institutions	6,699,507	912,006	743,935	269,947	373,129	4,147,327	84,984	116,969	51,210
71 Southern Methodist U	6,302	1,016	610	2,117	727	1,439	115	278	0
72 Teachers Col, Columbia U	5,613	0	0	0	414	504	2,471	2,224	0
73 Creighton University	5,541	0	251	87	0	5,203	0	0	0
74 University of Tulsa	5,498	2,620	1,295	630	184	644	54	71	0
75 U Ctrl Del Caribe Esc Med	5,347	0	0	0	0	5,347	0	0	0
76 Finch U Hlth Sci Chicago	5,117	0	0	0	0	4,655	462	0	0
77 Worcester Polytech Inst	4,219	3,160	331	0	594	134	0	0	0
78 Wesleyan University	4,058	0	1,650	82	17	1,251	962	96	0
79 Villanova University	4,035	2,720	825	10	150	250	80	0	0
80 Clarkson University	3,837	2,577	895	0	231	63	71	0	0
Total, 1st 80 institutions	6,749,074	924,099	749,792	272,873	375,446	4,166,817	89,199	119,638	51,210
81 Inst of Paper Sci & Tech	3,398e	1,151 i	2,247 i	0 i	0 i	0 i	0 i	0 i	0 i
82 Ponce School of Medicine	3,257	0	0	0	0	3,257	0	0	0
83 Xavier University of LA	3,174	0	636	0	0	1,710	0	0	828
84 Marquette University	3,085	888	636	0	189	1,143	100	129	0
85 Florida Inst of Tech	2,980	867	551	452	525	580	5	0	0
86 Rochester Inst of Tech	2,664	106	1,376	187	0	995	0	0	0
87 Fisk University	2,652	0	2,652	0	0	0	0	0	0
88 Texas Christian U	2,441	68	328	3	0	5	2,037	0	0
89 Wellesley College	2,304 i	0 i	455 i	0 i	103 i	1,287 i	0 i	459 i	0 i
90 Ithaca College	2,131	0	0	0	1,767	257	107	0	0
Total, 1st 90 institutions	6,777,160	927,179	758,673	273,515	378,030	4,176,051	91,448	120,226	52,038

See explanatory information and SOURCE at end of table.

Table B-45. Federally financed 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
91 Fordham University	2,101	0	13	85	0	228	1,232	543	0
92 Nova Southeastern U	2,060	0	0	1,131	0	118	811	0	0
93 Spelman College	1,978	0	995	0	25	873	74	11	0
94 Duquesne University	1,902	0	704	0	25	1,088	28	57	0
95 American University	1,886	146	923	10	262	4	321	204	16
96 Morehouse College	1,843e	0e	263e	0e	63e	954e	257e	94e	212e
97 Le Moyne-Owen Coll	1,700	700	0	0	1,000	0	0	0	0
98 Gallaudet University	1,682	0	0	0	0	133	216	1,333	0
99 Clark University	1,652	0	529	679	5	187	237	15	0
100 Embry-Riddle Aero Univ	1,551e	198i	76i	360i	58i	0i	0i	0i	859i
Total, 1st 100 institutions	6,795,515	928,223	762,176	275,780	379,468	4,179,636	94,624	122,483	53,125
Total, all other sampled institutions	60,078	7,411	11,955	2,959	2,949	24,339	7,573	2,626	266

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