

TABLE 41. R&D expenditures at private universities and colleges, ranked by all R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006

(Dollars in thousands)

Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	15,403,697	497,726	10,185,743	726,313	1,203,139	222,704	347,086	185,430	2,035,556
1	Johns Hopkins U., The ^a	1,499,977	40,256	702,207	97,431	140,183	7,674	5,051	39,945	467,230
2	Stanford U.	679,196	19,803	389,093	29,549	73,010	6,701	12,352	0	148,688
3	U. PA	676,052	760	546,624	10,808	33,236	6,267	30,809	14,769	32,779
4	Duke U.	657,080	13,530	553,834	10,614	17,594	3,004	23,312	0	35,192
5	Cornell U. all campuses	648,802	6,383	411,148	31,825	89,517	5,875	26,863	0	77,191
6	MA Institute of Technology	600,748	27,267	172,631	53,872	98,367	1,263	7,098	20,207	220,043
7	Washington U. St. Louis	547,674	4,927	490,846	8,020	16,880	5,948	5,985	43	15,025
8	Columbia U. in the City of NY	529,945	57,799	367,877	10,850	34,271	3,053	14,344	4,229	37,522
9	Baylor C. of Medicine	462,375	0	462,375	0	0	0	0	0	0
10	Yale U.	460,075	4,785	402,060	6,283	21,867	7,847	3,890	0	13,343
11	Harvard U.	453,156	26,616	312,303	3,666	57,415	7,660	22,645	0	22,851
12	U. Southern CA	450,173	18,225	256,515	100,879	9,336	5,341	7,715	2,715	49,447
13	Northwestern U.	419,985	3,690	300,157	3,642	25,473	3,733	7,936	10,563	64,791
14	Vanderbilt U.	376,893	431	303,452	1,186	20,719	10,606	4,137	2,938	33,424
15	Case Western Reserve U.	369,264	685	312,695	1,953	8,872	870	1,976	1,891	40,322
16	Scripps Research Institute, The	367,375	0	367,375	0	0	0	0	0	0
17	U. Rochester	366,658	914	234,547	2,936	12,137	14,556	459	1,308	99,801
18	Emory U.	345,989	2	330,039	604	10,627	2,008	2,709	0	0
19	U. Chicago	305,301	4,848	216,635	22,033	49,120	7,304	5,361	0	0
20	NY U.	284,164	0	229,797	12,874	13,765	14,589	10,832	2,307	0
21	Mt. Sinai School of Medicine	273,216	0	273,216	0	0	0	0	0	0
22	CA Institute of Technology	270,269	16,357	44,259	11,301	148,686	0	1,339	11,463	36,864
23	Boston U.	255,615	4,857	169,662	3,702	24,799	7,687	1,337	18,599	24,972
24	Rockefeller U.	215,417	0	198,779	7,745	8,893	0	0	0	0
25	U. Miami	213,516	49,485	147,260	510	2,404	8,316	2,368	0	3,173
26	Carnegie Mellon U.	212,506	929	5,767	120,498	12,034	5,454	8,656	2,344	56,824
27	Dartmouth C.	200,277	1,260	140,264	5,576	6,938	7,967	910	16,555	20,807
28	Yeshiva U.	189,416	0	189,416	0	0	0	0	0	0
29	Princeton U.	188,165	17,909	38,653	14,375	28,357	8,854	24,469	0	55,548
30	Wake Forest U.	183,129	0	178,074	590	3,945	292	228	0	0
31	Brown U.	157,926	7,998	82,681	17,174	13,546	2,560	12,937	0	21,030
32	Medical C. WI	147,140	0	147,140	0	0	0	0	0	0
33	Tufts U.	128,965	864	101,279	1,893	4,542	4,966	4,472	0	10,949
34	Woods Hole Oceanographic Institution	121,888	100,258	0	0	0	0	0	0	21,630
35	Georgetown U.	118,558	0	105,029	157	3,278	1,386	8,708	0	0

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Rank	Institution	All R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Tulane U.	114,397	498	101,539	1,572	1,987	265	3,251	0	5,285
37	George Washington U.	113,982	117	44,856	41,325	4,094	1,820	11,842	23	9,905
38	Thomas Jefferson U.	106,986	0	106,986	0	0	0	0	0	0
39	Drexel U.	96,687	0	48,341	7,149	3,150	1,314	0	0	36,733
40	Rush U.	83,194	0	81,159	0	0	2,035	0	0	0
41	U. of Notre Dame	78,553	0	14,692	4,798	19,026	4,756	6,793	12,538	15,950
42	Rensselaer Polytechnic Institute	70,576	1,545	3,573	6,115	9,094	1,572	435	0	48,242
43	U. Dayton	69,080	118	1,437	703	543	16	10	464	65,789
44	Rice U.	66,564	2,096	10,546	13,688	16,089	743	1,205	0	22,197
45	Northeastern U.	66,495	425	17,354	2,764	13,189	2,373	3,496	0	26,894
46	Brandeis U.	57,017	0	27,465	1,923	8,408	2,972	16,249	0	0
47	St. Louis U. all campuses	48,133	913	46,044	174	669	14	22	59	238
48	Charles R. Drew U. of Medicine and Science	47,188	0	47,188	0	0	0	0	0	0
49	Loyola U. Chicago	37,669	0	35,999	35	239	508	186	702	0
50	Howard U.	36,465	0	25,284	173	2,809	120	898	2,380	4,801
51	Syracuse U. all campuses	36,100	3,267	2,748	4,342	6,173	4,644	2,673	21	12,232
52	Boston C.	35,659	7,432	4,885	5,937	8,377	1,136	7,892	0	0
53	NY Medical C.	34,397	0	34,397	0	0	0	0	0	0
54	Lehigh U.	33,469	1,055	2,255	1,459	4,297	355	31	0	24,017
55	Eastern VA Medical School	33,013	0	33,013	0	0	0	0	0	0
56	Meharry Medical C.	32,878	0	32,878	0	0	0	0	0	0
57	Loma Linda U.	32,451	0	32,234	0	0	0	217	0	0
58	Hampton U.	28,705	16,791	2,405	219	5,133	0	0	2,985	1,172
59	Morehouse School of Medicine	28,378	0	28,378	0	0	0	0	0	0
60	Brigham Young U. all campuses	25,973	342	7,189	1,169	4,617	620	1,209	0	10,827
61	Stevens Institute of Technology	25,848	4,671	338	2,930	1,094	0	0	1,730	15,085
62	Creighton U.	25,615	96	24,782	45	573	43	76	0	0
63	IL Institute of Technology	22,646	0	7,549	2,253	3,754	1,024	0	0	8,066
64	Rochester Institute of Technology	22,107	1,250	1,962	382	8,469	69	602	0	9,373
65	Mercer U. all campuses	19,529	0	4,420	0	119	0	41	0	14,949
66	Catholic U. America, The	17,662	0	1,502	0	14,026	492	179	7	1,456
67	Albany Medical C.	16,227	0	16,227	0	0	0	0	0	0
68	Clarkson U.	16,143	0	826	415	3,887	4	28	0	10,983
69	Worcester Polytechnic Institute	14,483	0	434	2,129	934	0	267	0	10,719
70	Polytechnic U.	14,479	0	0	2,734	2,400	0	145	0	9,200

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71	Embry-Riddle Aeronautical U.	13,957 i	1,343 i	0 i	336 i	56 i	72 i	72 i	3,305 i	8,773 i
72	Southern Methodist U.	12,475	2,821	2,207	1,293	2,087	1,215	587	329	1,936
73	U. Tulsa	12,358	195	884	3,369	947	470	423	0	6,070
74	Tuskegee U.	11,651	0	7,923	0	233	0	2,330	0	1,165
75	Teachers C. Columbia U.	11,411	0	2,959	100	0	4,032	4,320	0	0
76	Clark Atlanta U.	11,155	0	3,452	1,214	4,326	99	473	795	796
77	Rosalind Franklin U. of Medicine and Science	10,981	0	10,963	0	0	18	0	0	0
78	U. Denver	10,581	12	2,788	56	2,895	2,124	190	0	2,516
79	Marquette U.	10,445	0	4,720	445	1,318	192	146	0	3,624
80	Universidad Central del Caribe	8,790	0	8,790	0	0	0	0	0	0
81	Duquesne U.	8,345	0	5,327	351	2,522	0	145	0	0
82	Wesleyan U.	8,170	439	3,724	172	2,433	995	407	0	0
83	FL Institute of Technology	7,684	1,064	1,296	942	2,404	135	0	0	1,843
84	Villanova U.	7,122 i	164 i	548 i	428 i	703 i	144 i	76 i	0 i	5,059 i
85	New School, The	6,950	0	0	5,026	0	214	1,710	0	0
86	Nova Southeastern U.	6,445	3,579	2,024	0	0	701	0	141	0
87	Alfred U. all campuses	6,347	127	0	0	166	880	0	0	5,174
88	Baylor U.	6,133	1,086	2,036	332	1,610	287	209	0	573
89	Fordham U.	6,033	64	2,317	180	13	907	2,552	0	0
90	Morehouse C.	6,008	0	1,081	24	733	483	3,687	0	0
91	Fisk U.	6,000	0	0	0	6,000	0	0	0	0
92	Ponce School of Medicine	5,573	0	5,573	0	0	0	0	0	0
93	Clark U.	5,304	1,804	1,455	0	858	658	424	105	0
94	Rose-Hulman Institute of Technology	4,700	0	0	1,073	1,791	0	0	0	1,836
95	Wheeling Jesuit U.	4,499 i	382 i	2,105 i	173 i	829 i	438 i	235 i	151 i	186 i
96	Bryn Mawr C.	4,254	529	625	377	1,115	597	1,011	0	0
97	U. of the Pacific	4,161	0	2,369	57	505	0	0	0	1,230
98	St. Francis U. (Loretto, PA)	4,114	168	3,946	0	0	0	0	0	0
99	TX Christian U.	4,090	112	303	34	1,156	2,393	18	0	74
100	Williams C.	4,074	103 i	934 i	340 i	723 i	68 i	274 i	160 i	1,472 i
	All other sampled institutions	188,254	12,280	70,820	13,012	34,755	16,906	11,152	9,659	19,670

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$709 million in total R&D expenditures.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2006.