

TABLE 42. Federally financed R&D expenditures at private universities and colleges, ranked by federal R&D expenditures for the first 100 institutions, by science and engineering field: FY 2006  
(Dollars in thousands)

Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	11,568,938	405,369	7,515,134	612,184	1,013,353	179,434	159,945	106,615	1,576,904
1	Johns Hopkins U., The <sup>a</sup>	1,307,453	38,434	559,286	95,783	136,988	6,391	3,274	22,890	444,407
2	Stanford U.	540,069	11,332	310,995	25,715	64,675	5,713	5,964	0	115,675
3	U. PA	478,773	278	392,441	8,351	27,710	5,535	16,011	7,465	20,982
4	MA Institute of Technology	476,362	23,717	145,487	37,104	94,818	1,118	3,026	6,246	164,846
5	Columbia U. in the City of NY	451,187	53,940	310,341	9,761	33,473	2,870	8,638	1,856	30,308
6	Duke U.	414,419	7,919	341,291	8,675	14,448	1,941	16,337	0	23,808
7	Washington U. St. Louis	408,402	3,169	371,552	4,192	13,120	4,369	3,721	0	8,279
8	Harvard U.	403,458	25,271	281,478	3,666	54,461	7,318	11,453	0	19,811
9	Cornell U. all campuses	390,043	3,984	245,421	19,382	60,332	2,939	10,026	0	47,959
10	Yale U.	348,500	3,686	308,984	4,936	16,320	4,640	1,062	0	8,872
11	U. Southern CA	333,378	14,405	178,546	91,999	6,356	4,054	3,920	376	33,722
12	Case Western Reserve U.	306,980	551	269,586	1,705	6,632	784	1,436	669	25,617
13	Vanderbilt U.	300,423	341	246,145	1,035	14,182	8,087	3,223	523	26,887
14	Baylor C. of Medicine	287,679	0	287,679	0	0	0	0	0	0
15	U. Rochester	278,399	819	167,170	2,461	10,479	11,469	337	335	85,329
16	Scripps Research Institute, The	268,533	0	268,533	0	0	0	0	0	0
17	Emory U.	267,894	0	255,575	594	9,326	1,891	508	0	0
18	U. Chicago	253,471	4,638	177,146	21,188	38,206	7,212	5,081	0	0
19	Northwestern U.	249,980	3,408	167,284	2,702	20,161	2,890	3,426	5,479	44,630
20	CA Institute of Technology	248,591	14,722	37,955	11,069	141,376	0	1,099	7,839	34,531
21	Boston U.	238,560	4,352	157,309	3,326	24,027	7,478	1,046	18,239	22,783
22	Mt. Sinai School of Medicine	224,911	0	224,911	0	0	0	0	0	0
23	NY U.	189,276	0	149,829	10,939	10,304	12,334	4,061	1,809	0
24	Carnegie Mellon U.	185,389	841	4,728	112,057	8,878	5,153	6,847	2,092	44,793
25	Yeshiva U.	153,785	0	153,785	0	0	0	0	0	0
26	U. Miami	150,408	39,090	95,935	510	2,201	7,936	2,247	0	2,489
27	Dartmouth C.	140,430	690	100,333	3,662	3,642	5,501	394	11,271	14,937
28	Wake Forest U.	139,549	0	135,557	276	3,372	266	78	0	0
29	Princeton U.	117,845	11,743	25,520	9,870	21,251	6,898	7,479	0	35,084
30	Woods Hole Oceanographic Institution	101,631	81,059	0	0	0	0	0	0	20,572
31	Medical C. WI	100,128	0	100,128	0	0	0	0	0	0
32	Brown U.	96,922	4,769	58,180	9,755	7,335	1,290	3,048	0	12,545
33	Tufts U.	95,964	224	78,944	1,437	4,189	2,682	283	0	8,205
34	Rockefeller U.	93,742	0	87,515	1,407	4,820	0	0	0	0
35	Georgetown U.	92,268	0	87,005	156	3,050	1,151	906	0	0

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Rank	Institution	Federal R&D expenditures	Environmental sciences	Life sciences	Math and computer sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
36	Tulane U.	84,052	319	73,191	1,319	1,469	218	3,179	0	4,357
37	Thomas Jefferson U.	82,551	0	82,551	0	0	0	0	0	0
38	George Washington U.	75,209	62	23,065	39,070	2,310	1,667	2,959	23	6,053
39	Drexel U.	68,499	0	34,728	5,321	2,672	1,062	0	0	24,716
40	U. Dayton	56,779	33	1,321	610	180	0	0	0	54,635
41	U. of Notre Dame	55,710	0	12,039	4,491	16,774	4,639	2,091	5,063	10,613
42	Rice U.	53,880	1,899	8,982	12,079	12,738	727	704	0	16,751
43	St. Louis U. all campuses	45,183	862	43,444	151	504	0	22	0	200
44	Rush U.	45,044	0	43,754	0	0	1,290	0	0	0
45	Rensselaer Polytechnic Institute	44,690	1,309	2,376	5,146	6,354	1,402	353	0	27,750
46	Charles R. Drew U. of Medicine and Science	44,394	0	44,394	0	0	0	0	0	0
47	Brandeis U.	41,184	0	22,277	1,654	7,089	2,610	7,554	0	0
48	Northeastern U.	36,071	122	8,709	1,470	6,829	1,714	451	0	16,776
49	Howard U.	34,959	0	24,297	173	2,705	111	890	2,312	4,471
50	Meharry Medical C.	30,914	0	30,914	0	0	0	0	0	0
51	Loma Linda U.	28,788	0	28,583	0	0	0	205	0	0
52	Hampton U.	28,584	16,791	2,405	219	5,133	0	0	2,864	1,172
53	NY Medical C.	26,579	0	26,579	0	0	0	0	0	0
54	Loyola U. Chicago	25,420	0	24,084	35	185	322	92	702	0
55	Syracuse U. all campuses	25,299	1,852	1,688	3,637	4,295	4,555	960	20	8,292
56	Morehouse School of Medicine	25,156	0	25,156	0	0	0	0	0	0
57	Stevens Institute of Technology	22,501	3,771	335	2,893	922	0	0	493	14,087
58	Eastern VA Medical School	19,399	0	19,399	0	0	0	0	0	0
59	IL Institute of Technology	19,121	0	7,255	1,865	3,241	875	0	0	5,885
60	Boston C.	18,344	6,288	2,330	600	5,833	471	2,822	0	0
61	Lehigh U.	18,248	999	1,911	1,228	2,959	336	9	0	10,806
62	Brigham Young U. all campuses	17,309	251	4,003	1,030	3,444	314	418	0	7,849
63	Rochester Institute of Technology	14,581	186	1,463	197	6,487	68	502	0	5,678
64	Catholic U. America, The	13,264	0	1,397	0	10,213	414	40	5	1,195
65	Mercer U. all campuses	11,741	0	1,762	0	11	0	41	0	9,927
66	Albany Medical C.	11,152	0	11,152	0	0	0	0	0	0
67	Creighton U.	10,505	96	9,834	1	531	43	0	0	0
68	Worcester Polytechnic Institute	10,193	0	397	1,793	872	0	15	0	7,116
69	Clark Atlanta U.	10,008	0	2,973	1,214	4,030	99	126	793	773
70	Rosalind Franklin U. of Medicine and Science	9,507	0	9,489	0	0	18	0	0	0

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71	Southern Methodist U.	9,303	2,488	1,907	730	1,495	1,088	162	0	1,433
72	Tuskegee U.	8,971	0	6,280	0	179	0	1,525	0	987
73	U. Denver	8,543	12	1,929	56	2,448	1,937	80	0	2,081
74	Clarkson U.	8,280	0	524	333	2,105	0	16	0	5,302
75	Universidad Central del Caribe	8,206	0	8,206	0	0	0	0	0	0
76	U. Tulsa	7,964	195	687	2,997	643	467	272	0	2,703
77	Marquette U.	7,566	0	3,805	347	847	186	68	0	2,313
78	Embry-Riddle Aeronautical U.	7,518 i	1,241 i	0 i	20 i	0 i	0 i	0 i	2,758 i	3,499 i
79	Polytechnic U.	7,486	0	0	1,475	1,900	0	0	0	4,111
80	Teachers C. Columbia U.	6,770	0	2,612	1	0	3,734	423	0	0
81	FL Institute of Technology	6,138	694	991	865	2,293	0	0	0	1,295
82	Fisk U.	6,000	0	0	0	6,000	0	0	0	0
83	Morehouse C.	5,378	0	719	20	543	483	3,613	0	0
84	Villanova U.	5,039 i	164 i	468 i	261 i	463 i	126 i	0 i	0 i	3,557 i
85	Ponce School of Medicine	5,022	0	5,022	0	0	0	0	0	0
86	New School, The	4,854	0	0	4,547	0	203	104	0	0
87	Wesleyan U.	4,744	105	2,253	67	1,478	637	204	0	0
88	Wheeling Jesuit U.	4,499 i	382 i	2,105 i	173 i	829 i	438 i	235 i	151 i	186 i
89	St. Francis U. (Loretto, PA)	4,114	168	3,946	0	0	0	0	0	0
90	Xavier U. LA	3,783	0	2,101	279	1,271	0	0	0	132
91	TX Christian U.	3,318	43	204	34	713	2,297	0	0	27
92	Nova Southeastern U.	3,204	1,276	1,281	0	0	647	0	0	0
93	Clark U.	3,192	908	992	0	587	438	267	0	0
94	Duquesne U.	3,171	0	1,973	219	957	0	22	0	0
95	DePaul U.	3,160	72	138	794	55	1,875	211	15	0
96	Spelman C.	2,901	0	1,706	385	643	159	8	0	0
97	Kettering U.	2,882	0	0	0	0	0	0	0	2,882
98	Wellesley C.	2,819	16	779	31	538	26	247	1,182	0
99	Smith C.	2,796	72	884	337	350	412	23	20	698
100	St. Joseph's U.	2,566	0	471	551	4	0	361	1,179	0
	All other sampled institutions	109,131	9,311	42,340	7,753	23,100	11,416	3,740	1,946	9,525

i = data point imputed.

nec = not elsewhere classified.

<sup>a</sup> The Johns Hopkins University includes the Applied Physics Laboratory, with \$672 million in federally financed R&D expenditures.

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