

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 2005
(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	11,290,836	398,629	7,310,282	580,753	1,025,541	176,469	158,171	98,441	1,542,550
1	Johns Hopkins U., The ^a	1,277,292	40,230	548,516	94,092	143,656	5,134	3,552	23,266	418,846
2	Stanford U.	574,675	16,881	312,619	23,393	86,352	6,438	6,185	0	122,807
3	U. PA	465,284	124	386,272	8,892	25,902	5,537	16,834	3,939	17,784
4	MA Institute of Technology	457,235	24,097	141,176	34,079	99,707	857	2,093	5,959	149,267
5	Columbia U. in the City of NY	453,188	58,432	309,787	9,985	38,206	4,113	6,226	1,777	24,662
6	Washington U. St. Louis	400,699	3,313	365,868	3,983	10,983	4,780	3,161	0	8,611
7	Harvard U.	395,906	23,765	288,385	2,759	44,859	7,096	9,755	0	19,287
8	Duke U.	376,568	7,641	304,532	7,885	14,513	1,514	19,034	0	21,449
9	Cornell U. all campuses	365,694	3,951	230,308	19,475	55,723	2,670	7,833	0	45,734
10	Yale U.	332,702	3,740	293,504	4,943	15,766	4,610	1,033	0	9,106
11	U. Southern CA	330,126	15,438	175,724	87,301	6,564	3,099	3,717	896	37,387
12	Baylor C. of Medicine	300,638	0	300,638	0	0	0	0	0	0
13	Vanderbilt U.	281,694	247	228,670	1,139	13,376	7,701	2,533	1,292	26,736
14	Scripps Research Institute, The	272,969	0	272,969	0	0	0	0	0	0
15	Emory U.	266,868	78	255,557	483	8,817	1,590	343	0	0
16	U. Rochester	257,497	767	160,824	3,254	9,881	10,609	451	487	71,224
17	CA Institute of Technology	249,371	14,232	40,582	13,583	137,909	0	0	4,330	38,735
18	U. Chicago	245,679	4,992	176,068	15,450	37,961	6,570	4,469	0	169
19	Northwestern U.	244,113	1,013	163,230	5,293	21,612	2,896	3,635	3,284	43,150
20	Boston U.	228,842	3,876	154,782	4,024	20,776	7,298	852	13,884	23,350
21	Case Western Reserve U.	212,485	444	179,810	561	6,965	779	1,536	0	22,390
22	NY U.	191,782	72	150,029	13,326	10,164	12,256	5,147	788	0
23	Mt. Sinai School of Medicine	191,326	0	191,326	0	0	0	0	0	0
24	Carnegie Mellon U.	173,902	676	5,177	100,518	8,925	4,648	8,738	419	44,801
25	Yeshiva U.	160,894	0	160,894	0	0	0	0	0	0
26	U. Miami	156,059	40,726	98,491	579	1,984	8,974	3,026	0	2,279
27	Wake Forest U.	141,685	0	138,951	749	1,948	0	37	0	0
28	Dartmouth C.	122,329	686	89,953	2,918	4,853	3,601	416	5,408	14,494
29	Princeton U.	120,042	10,916	27,757	8,200	23,850	7,199	6,577	0	35,543
30	Medical C. WI	102,859	0	102,859	0	0	0	0	0	0
31	Woods Hole Oceanographic Institution	100,747	80,539	0	0	0	0	0	0	20,208
32	Georgetown U.	100,328	0	95,516	372	2,489	888	1,063	0	0
33	Tufts U.	98,200	204	82,608	1,192	4,030	2,936	181	0	7,049
34	Tulane U.	94,628	402	82,388	1,793	1,310	339	2,835	0	5,561
35	Brown U.	90,857	4,136	54,082	8,716	7,427	1,151	1,627	0	13,718

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 2005
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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	Thomas Jefferson U.	86,171	0	86,171	0	0	0	0	0	0
37	Rockefeller U.	85,552	0	80,161	1,205	4,186	0	0	0	0
38	George Washington U.	78,779	214	26,500	34,530	2,811	1,554	5,427	0	7,743
39	Drexel U.	62,606	0	30,620	1,909	2,480	988	0	0	26,609
40	U. Dayton	58,782	30	461	327	127	0	0	0	57,837
41	Rice U.	54,735	1,969	9,584	11,206	16,180	830	373	0	14,593
42	U. of Notre Dame	51,072	0	10,849	3,960	15,252	3,922	1,227	5,357	10,505
43	Rush U.	49,150	0	47,398	0	0	1,752	0	0	0
44	Syracuse U. all campuses	46,945	1,669	3,044	5,364	4,759	3,975	7,709	11,008	9,417
45	St. Louis U. all campuses	44,757	855	43,332	81	289	0	78	0	122
46	Hampton U.	42,792	87	1,197	1,958	815	0	0	4,475	34,260
47	Rensselaer Polytechnic Institute	42,338	2,376	967	4,268	5,378	1,044	504	0	27,801
48	Charles R. Drew U. of Medicine and Science	41,207	0	41,207	0	0	0	0	0	0
49	Howard U.	40,020	0	28,628	2,502	2,708	1,261	234	235	4,452
50	Brandeis U.	39,788	0	24,115	1,714	4,988	2,472	6,499	0	0
51	Northeastern U.	36,524	0	7,906	1,982	10,168	2,013	680	0	13,775
52	Loyola U. Chicago	30,584	0	26,984	30	251	345	106	2,868	0
53	Meharry Medical C.	27,408	0	27,408	0	0	0	0	0	0
54	Loma Linda U.	26,855	0	26,855	0	0	0	0	0	0
55	NY Medical C.	25,242	0	25,242	0	0	0	0	0	0
56	Morehouse School of Medicine	24,213	0	24,213	0	0	0	0	0	0
57	Lehigh U.	21,061	1,960	1,894	772	4,123	115	0	0	12,197
58	Eastern VA Medical School	19,969	0	19,969	0	0	0	0	0	0
59	Stevens Institute of Technology	18,626	5,154	357	5,021	807	0	0	320	6,967
60	Boston C.	17,801	5,370	3,539	546	5,726	420	2,200	0	0
61	Brigham Young U. all campuses	16,878	215	3,755	864	3,557	264	565	0	7,658
62	IL Institute of Technology	16,493	0	4,645	1,463	4,753	528	0	2	5,102
63	Catholic U. America, The	16,252	0	1,906	0	12,333	694	173	20	1,126
64	Creighton U.	12,683	148	12,166	0	369	0	0	0	0
65	Rochester Institute of Technology	11,620	488	1,265	284	4,817	0	205	0	4,561
66	Albany Medical C.	11,525	0	11,525	0	0	0	0	0	0
67	Clark Atlanta U.	11,346	0	3,061	845	3,746	300	155	1,290	1,949
68	Mercer U. all campuses	11,235	0	1,592	0	190	0	14	0	9,439
69	Rosalind Franklin U. of Medicine and Science	9,974	0	9,723	0	0	251	0	0	0
70	Worcester Polytechnic Institute	9,424	0	489	2,044	551	0	184	0	6,156

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71	U. Denver	9,017	60	2,076	89	2,110	2,032	44	0	2,606
72	U. Tulsa	8,969	163	849	3,275	992	125	343	0	3,222
73	Polytechnic U.	8,623	0	0	2,200	2,399	0	0	0	4,024
74	Universidad Central del Caribe	8,543	0	8,543	0	0	0	0	0	0
75	Tuskegee U.	8,478	0	5,972	0	185	0	1,463	0	858
76	Southern Methodist U.	8,415	2,149	1,640	676	1,668	1,254	225	0	803
77	Marquette U.	6,979	0	3,414	188	662	260	74	0	2,381
78	Clarkson U.	6,890	0 i	321 i	138 i	1,638 i	0 i	0 i	0 i	4,793 i
79	Ponce School of Medicine	6,715	0	6,715	0	0	0	0	0	0
80	Embry-Riddle Aeronautical U.	6,642	1,097	0	18	0	0	0	2,437	3,090
81	Teachers C. Columbia U.	6,187	0	2,210	38	0	3,250	689	0	0
82	Fisk U.	6,000	0	0	0	6,000	0	0	0	0
83	Xavier U. LA	5,508 i	278 i	3,266 i	200 i	1,577 i	0 i	0 i	0 i	187 i
84	Wesleyan U.	5,180	198	2,464	110	1,701	707	0	0	0
85	FL Institute of Technology	5,170	558	748	901	1,839	157	0	243	724
86	St. Francis U. (Loretto, PA)	4,981	87	4,894	0	0	0	0	0	0
87	Villanova U.	4,921 i	161 i	458 i	256 i	453 i	124 i	0 i	0 i	3,469 i
88	Wheeling Jesuit U.	4,265 i	363 i	1,995 i	164 i	785 i	415 i	222 i	144 i	177 i
89	DePaul U.	3,776	49	112	439	86	2,818	270	2	0
90	Duquesne U.	3,717	0	2,493	136	1,047	0	41	0	0
91	Morehouse C.	3,196	0	625	36	597	394	1,544	0	0
92	TX Christian U.	3,068	0	168	44	387	2,462	6	0	1
93	New School, The	2,960	0	250	2,536	0	157	17	0	0
94	Carleton C.	2,896	1,270	999	83	454	90	0	0	0
95	Universidad Metropolitana	2,677 i	228 i	1,252 i	103 i	493 i	260 i	139 i	90 i	112 i
96	Clark U.	2,611	640	700	33	717	378	143	0	0
97	St. Joseph's U.	2,596	0	506	422	3	0	0	1,665	0
98	Spelman C.	2,576	0	1,507	136	585	348	0	0	0
99	Alfred U. all campuses	2,454	0	0	0	0	482	0	0	1,972
100	Wellesley C.	2,429	12	561	34	451	13	162	1,196	0
	All other sampled institutions	98,827	9,163	36,964	6,686	20,840	12,732	3,567	1,360	7,515

i = data point imputed.

nec = not elsewhere classified.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$649 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 2005.