

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
	All institutions	31,097,709	968,224	1,795,294	18,554,835	417,951	2,625,714	631,135	804,111	354,247	4,145,464
1	Johns Hopkins U., The <sup>a</sup>	1,425,100	2,143	19,328	530,906	1,304	27,102	3,946	2,025	5,088	44,458
2	U. WA	614,069	1,597	84,950	415,014	4,634	31,747	7,969	7,811	0	60,347
3	U. MI all campuses	592,768	4,484	6,799	352,868	4,388	29,039	8,750	68,210	0	118,230
4	Stanford U.	509,477	14,604	11,133	306,079	7,261	47,886	8,089	7,855	0	106,570
5	MA Institute of Technology	495,008	32,396	23,558	172,723	4,912	99,609	739	3,124	7,268	150,679
6	U. CA, San Diego	490,963	29,680	80,541	289,372	2,725	38,731	6,823	3,787	1,339	37,965
7	U. PA	482,321	6,388	391	406,199	1,671	24,332	4,722	15,291	389	22,938
8	U. WI Madison	474,440	12,542	54,812	270,530	3,997	40,757	5,868	32,543	0	53,391
9	U. CA, San Francisco	472,642	0	0	457,660	0	14,982	0	0	0	0
10	U. CA, Los Angeles	471,932	12,289	7,440	352,417	4,989	48,924	8,758	4,404	4,794	27,917
11	Columbia U. in the City of New York	461,029	8,520	52,655	312,111	1,965	31,872	5,220	12,500	2,529	33,657
12	U. Pittsburgh all campuses	456,172	4,375	1,143	402,404	1,547	16,552	6,620	3,073	5,623	14,835
13	Duke U.	451,317	3,320	9,582	373,306	5,975	14,454	1,616	16,001	0	27,063
14	U. CO all campuses	437,393	6,820	72,181	240,518	2,369	65,148	11,218	4,446	1,568	33,125
15	PA State U. all campuses	406,528	35,184	26,021	101,595	9,456	34,140	18,082	11,374	0	170,676
16	Washington U. St. Louis	393,918	4,260	2,966	354,747	530	12,024	4,318	3,718	0	11,355
17	Harvard U.	383,330	510	23,598	273,576	4,668	46,090	7,333	8,100	0	19,455
18	Yale U.	374,551	3,088	3,620	333,691	1,119	18,764	3,676	986	0	9,607
19	U. NC Chapel Hill	373,098	7,097	13,769	287,371	1,908	23,811	6,649	32,493	0	0
20	U. MN all campuses	364,137	7,541	5,697	269,096	6,753	18,034	9,129	11,779	0	36,108
21	Cornell U. all campuses	358,944	10,545	5,772	220,725	4,307	58,558	2,191	7,885	218	48,743
22	U. Southern CA	348,713	72,327	11,276	206,180	6,078	8,436	7,705	5,270	30	31,411
23	OH State U. all campuses	335,121	9,955	6,970	203,888	8,247	22,609	4,910	25,500	4,846	48,196
24	Vanderbilt U.	331,296	0	552	267,232	1,335	15,889	9,100	4,245	1,517	31,426
25	U. TX Austin	324,287	70,746	15,789	32,938	16,078	61,796	7,923	12,646	6,961	99,410
26	Case Western Reserve U.	305,483	0	1,311	265,707	529	5,797	1,577	1,809	0	28,753
27	U. AL Birmingham, The	303,084	278	0	286,705	2,423	4,208	2,814	117	0	6,539
28	Emory U.	291,126	0	0	269,470	854	6,795	1,969	502	0	11,536
29	U. Chicago	284,616	22,643	5,026	208,785	3,710	35,385	5,738	3,329	0	0
30	GA Institute of Technology all campuses	281,184	34,484	10,276	8,172	2,676	19,714	3,192	4,021	1,510	197,139
31	U. AZ	277,897	3,045	8,187	131,505	2,588	97,961	3,100	6,106	1,427	23,978
32	U. Rochester	276,268	1,949	776	183,245	568	10,051	10,413	166	0	69,100
33	U. CA, Davis	268,957	4,775	6,333	207,315	2,678	15,895	1,590	5,370	897	24,104
34	U. IL Urbana-Champaign	266,912	42,933	15,376	64,334	3,692	41,426	7,926	5,483	1,921	83,821
35	Scripps Research Institute, The	265,657	0	0	265,657	0	0	0	0	0	0
36	Northwestern U.	264,984	596	733	182,338	2,521	19,979	2,711	3,741	6,523	45,842
37	Baylor C. of Medicine	262,498	0	0	262,498	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
38	Mt. Sinai School of Medicine	253,319	0	0	253,319	0	0	0	0	0	0
39	U. CA, Berkeley	249,163	0	6,771	92,159	5,943	59,011	5,789	7,844	23,814	47,832
40	TX A&M U.	245,607	4,184	88,677	62,641	5,792	17,048	2,036	4,437	2,665	58,127
41	CA Institute of Technology	243,624	7,164	14,447	40,833	1,966	144,182	0	0	1,488	33,544
42	U. MD College Park	236,417	17,159	11,767	29,516	5,298	56,409	4,859	55,360	0	56,049
43	Boston U.	235,153	1,261	4,022	148,088	1,249	29,679	8,818	637	17,415	23,984
44	OR Health & Science U.	232,208	18,888	0	213,320	0	0	0	0	0	0
45	U. FL	230,999	3,007	5,963	148,041	4,087	18,427	5,486	3,421	0	42,567
46	U. IA	229,903	597	729	183,085	1,140	16,536	6,934	1,590	100	19,192
47	U. Cincinnati all campuses	221,186	0	369	198,579	162	4,038	522	2,339	0	15,177
48	U. VA all campuses	219,429	5,300	4,152	154,941	858	14,934	6,581	454	702	31,507
49	CO State U.	208,925	1,107	90,687	79,402	2,689	8,513	3,855	3,765	930	17,977
50	U. TX Southwestern Medical Ctr. Dallas	201,480	0	0	201,480	0	0	0	0	0	0
51	NY U.	199,363	4,685	0	158,104	8,110	8,954	13,641	3,593	2,276	0
52	U. IL Chicago	196,520	4,657	1,890	161,345	1,538	6,731	2,571	3,862	3,508	10,418
53	U. TX M. D. Anderson Cancer Ctr.	194,889	0	0	169,922	5,149	6,977	6,912	5,076	0	853
54	U. HI Manoa	194,508	24,134	54,384	69,163	15	26,145	131	4,914	7,818	7,804
55	IN U. all campuses	186,711	4,691	3,039	137,976	2,632	17,935	10,205	6,130	184	3,919
56	U. CA, Irvine	178,299	7,046	4,337	120,319	2,424	21,925	2,106	3,570	83	16,489
57	Purdue U. all campuses	176,592	7,139	3,569	67,141	3,691	22,318	4,031	4,412	1,127	63,164
58	U. UT	171,737	9,950	4,300	121,533	2,084	14,081	1,475	771	0	17,543
59	Carnegie Mellon U.	170,978	87,561	1,705	4,125	3,256	9,135	6,291	4,554	2,245	52,106
60	U. South FL	169,911	0	15,355	129,120	297	3,022	2,876	2,848	463	15,930
61	U. MD Baltimore	169,026	0	0	169,026	0	0	0	0	0	0
62	U. Miami	165,986	8	38,989	110,440	475	2,105	10,315	1,220	38	2,396
63	SUNY Buffalo all campuses	157,578	4,398	1,603	100,383	1,890	8,244	4,562	1,695	0	34,803
64	U. KY all campuses	154,811	1,551	2,081	105,014	3,521	5,063	7,309	1,995	4,145	24,132
65	MI State U.	152,907	1,658	412	85,529	3,605	31,158	3,316	12,321	27	14,881
66	LA State U. all campuses	150,298	2,197	14,761	102,724	1,362	13,491	872	2,862	1,502	10,527
67	Wake Forest U.	146,298	235	0	143,511	3	2,254	224	71	0	0
68	U. MA Worcester	145,113	0	0	145,113	0	0	0	0	0	0
69	Yeshiva U.	143,866	0	0	143,866	0	0	0	0	0	0
70	Rutgers, The State U. NJ all campuses	140,399	2,174	14,885	64,918	6,875	24,322	3,657	5,692	0	17,876
71	U. NE all campuses	136,317	6,095	3,772	83,388	1,506	9,083	7,350	4,431	2,685	18,007
72	VA Polytechnic Institute and State U.	135,578	4,162	2,825	52,620	2,046	7,775	2,686	1,515	533	61,416
73	U. NM main campus	134,783	3,012	4,361	81,014	1,842	15,917	7,668	3,681	1,949	15,339
74	NC State U.	131,412	4,149	5,975	53,632	8,437	12,252	12	6,428	1,193	39,334
75	U. TX Health Science Ctr. Houston	129,277	0	0	129,277	0	0	0	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
76	AZ State U.	125,558	4,694	16,185	29,430	4,919	11,794	11,123	9,416	258	37,739
77	Princeton U.	125,102	6,468	11,982	26,501	4,862	22,883	7,646	6,565	0	38,195
78	U. KS all campuses	122,401	171	7,234	88,862	644	8,184	520	5,976	1,375	9,435
79	U. of Medicine and Dentistry NJ	122,061	0	0	122,061	0	0	0	0	0	0
80	U. TX Medical Branch	122,009	0	0	121,182	0	0	0	0	0	827
81	U. TX Health Science Ctr. San Antonio	121,758	0	0	121,758	0	0	0	0	0	0
82	Dartmouth C.	121,306	3,591	433	86,230	524	4,979	2,371	275	11,541	11,362
83	U. TN all campuses	120,289	7,478	4,888	63,968	775	11,065	90	3,455	369	28,201
84	U. CT all campuses	119,915	1,724	5,961	79,259	577	4,709	14,587	1,700	70	11,328
85	George Washington U.	119,100	1,360	0	26,458	75,675	2,809	2,522	3,336	0	6,940
86	Woods Hole Oceanographic Institution	117,587	0	92,192	0	0	0	0	0	0	25,395
87	Wayne State U.	115,904	1,708	3	91,114	435	9,018	3,308	1,996	29	8,293
88	OR State U.	113,614	2,691	35,033	51,848	658	1,843	240	973	5,471	14,857
89	Medical C. WI	111,602	0	0	111,602	0	0	0	0	0	0
90	U. CA, Santa Barbara	111,601	7,703	8,918	4,550	1,152	23,106	5,221	1,785	10,245	48,921
91	Georgetown U.	111,590	184	0	105,524	163	3,087	1,165	1,467	0	0
92	FL State U.	110,618	6,573	12,327	17,556	1,680	31,149	10,383	6,048	0	24,902
93	Tulane U.	109,152	0	991	95,637	1,342	1,769	537	4,894	0	3,982
94	SUNY Albany	108,747	1,564	2,829	93,142	63	2,713	1,944	4,040	0	2,452
95	U. MO-Columbia	108,131	684	2,115	81,647	1,417	5,540	3,329	3,756	0	9,643
96	SUNY Stony Brook all campuses	106,419	4,742	11,878	54,748	3,162	16,632	3,993	682	0	10,582
97	MS State U.	105,327	7,270	9,049	34,057	512	1,698	815	6,063	5,484	40,379
98	U. GA	102,817	583	4,483	76,798	720	5,571	9,281	1,879	0	3,502
99	IA State U.	102,771	3,315	4,872	43,261	5,213	5,640	155	12,097	270	27,948
100	Medical U. SC	102,187	0	0	102,100	0	0	0	0	0	87
101	U. SC all campuses	98,576	1,605	17,946	31,353	1,927	12,334	8,609	4,934	1,398	18,470
102	WA State U.	97,668	99	1,895	49,181	697	11,247	352	18,370	3,490	12,337
103	Tufts U.	95,620	696	462	77,572	644	5,696	2,145	223	0	8,182
104	VA Commonwealth U.	95,369	114	233	81,952	1,652	3,779	2,568	1,129	0	3,942
105	Brown U.	95,145	4,868	7,520	54,289	5,633	9,026	1,522	2,874	667	8,746
106	U. OK all campuses	91,578	596	15,139	59,517	257	5,666	1,878	992	0	7,533
107	U. AK Fairbanks all campuses	90,280	14,451	28,103	22,555	8	10,172	40	1,037	4,368	9,546
108	U. VT	89,717	195	3,429	77,602	1,023	836	1,648	9	3,165	1,810
109	UT State U.	88,884	1,259	4,168	22,376	202	2,685	3,305	267	0	54,622
110	NM State U. main campus	86,636	807	389	12,582	886	8,783	1,211	785	1,723	59,470
111	U. DE	84,628	1,949	7,981	14,733	1,149	10,642	2,267	3,908	4,938	37,061
112	U. NH	83,769	378	50,818	13,344	161	2,477	181	3,524	1,483	11,403
113	Naval Postgraduate School	82,302	6,154	12,467	0	5,310	7,832	0	6,631	31,599	12,309

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
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114	Rockefeller U.	81,557	0	0	75,267	1,485	4,597	0	208	0	0
115	U. MA Amherst	79,736	9,867	1,956	30,031	2,223	10,987	2,433	1,352	0	20,887
116	Thomas Jefferson U.	76,034	0	0	76,034	0	0	0	0	0	0
117	U. Louisville	72,711	1,022	124	55,067	203	3,200	4,553	620	0	7,922
118	MT State U. Bozeman	70,386	270	1,440	32,770	704	14,111	72	1,110	6,361	13,548
119	U. CA, Santa Cruz	69,742	1,498	11,427	8,478	365	15,418	410	1,362	0	30,784
120	WV U.	68,147	364	4,775	39,249	118	2,805	382	1,340	2,121	16,993
121	Uniformed Services U. of the Health Sciences	67,345	0	0	63,895	0	0	3,450	0	0	0
122	U. of Notre Dame	66,812	2,360	0	10,497	1,366	15,647	3,570	524	4,799	28,049
123	U. NV, Reno	66,165	724	12,514	28,620	219	10,367	1,169	1,469	2,092	8,991
124	U. MS all campuses	65,799	131	6,489	39,015	43	14,297	62	248	0	5,514
125	Drexel U.	65,198	6,618	0	33,820	300	2,505	1,801	0	0	20,154
126	U. Dayton	64,515	674	2	707	74	236	44	0	610	62,168
127	NM Institute of Mining and Technology	64,322	620	32	307	53	18,567	17	0	4,132	40,594
128	U. AR for Medical Sciences	62,035	0	0	62,035	0	0	0	0	0	0
129	Temple U.	58,686	774	148	41,344	347	4,842	8,100	944	0	2,187
130	Clemson U.	56,535	2,858	0	16,954	646	6,054	798	3,099	1	26,125
131	U. Central FL	55,771	0	6,996	2,338	288	12,805	599	1,463	14,227	17,055
132	U. OR	55,190	3,307	2,019	23,517	562	12,360	7,936	5,381	0	108
133	Rice U.	54,959	5,538	1,846	5,719	3,112	16,844	644	440	1	20,815
134	Auburn U. all campuses	54,748	52	2,593	17,836	191	4,338	181	3,206	983	25,368
135	U. CA, Riverside	53,780	1,582	3,046	19,928	345	9,824	2,731	1,160	0	15,164
136	FL International U.	52,838	3,523	2,536	15,165	193	4,935	1,566	8,060	3,013	13,847
137	U. MD Baltimore County	50,561	3,668	24,220	3,958	742	7,353	2,017	1,624	1,009	5,970
138	George Mason U.	50,392	7,284	7,205	5,427	5,747	3,532	3,268	13,065	0	4,864
139	U. RI	50,377	544	20,061	17,042	68	1,013	224	0	6,720	4,705
140	ND State U. all campuses	50,038	254	245	12,538	64	16,671	1,909	7,381	1,448	9,528
141	St. Louis U. all campuses	49,434	0	603	47,853	22	507	146	0	0	303
142	Rensselaer Polytechnic Institute	47,109	2,995	946	2,168	1,946	8,340	1,766	182	0	28,766
143	U. AL Huntsville, The	47,068	10,998	8,226	1,023	234	6,998	22	3,350	0	16,217
144	U. ND all campuses	46,620	24	7,368	12,329	0	826	22	56	412	25,583
145	U. ID	45,301	489	1,787	25,816	886	2,718	25	1,233	1,861	10,486
146	U.S. Air Force Academy	43,787	1,226	0	291	223	4,818	0	1,580	0	35,649
147	U. Houston	43,162	3,662	1,606	10,496	1,302	4,213	11,993	1,733	0	8,157
148	U. Southern MS	42,540	264	12,215	6,957	224	10,444	550	372	11,437	77
149	U. NV, Las Vegas	41,505	1,347	13,426	4,501	142	9,028	499	2,111	0	10,451
150	OK State U. all campuses	41,051	710	708	16,254	92	3,121	27	1,376	6,469	12,294

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151	Rush U.	40,942	0	0	39,654	0	0	1,288	0	0	0
152	U. ME	40,931	152	11,667	9,891	33	1,510	1,163	4,032	3,358	9,125
153	NJ Institute of Technology	40,087	2,457	0	119	2,220	7,396	0	180	5,893	21,822
154	Medical C. GA	39,486	0	0	39,486	0	0	0	0	0	0
155	Brandeis U.	38,204	1,529	0	20,689	517	5,625	2,536	7,308	0	0
156	Northeastern U.	36,497	1,670	72	8,832	495	7,478	1,440	1,733	0	14,777
157	San Diego State U.	36,267	208	3,028	17,120	838	1,528	7,988	937	0	4,620
158	Jackson State U.	35,221	161	1,527	5,477	600	5,591	206	2,043	17,288	2,328
159	Howard U.	34,630	2,300	3,268	21,411	86	571	54	2,745	0	4,195
160	U. MT-Missoula, The	34,407	338	2,121	26,411	482	3,407	404	1,244	0	0
161	TX A&M U. System Health Science Ctr.	33,044	133	0	32,699	0	0	86	0	0	126
162	Loma Linda U.	32,350	0	2	32,348	0	0	0	0	0	0
163	U. AR main campus	31,531	0	775	12,339	193	8,468	155	596	0	9,005
164	Meharry Medical C.	31,035	0	0	31,035	0	0	0	0	0	0
165	Desert Research Institute	30,703	0	29,472	1,056	0	0	0	175	0	0
166	MI Technological U.	29,868	199	8,587	281	406	1,564	0	207	29	18,595
167	U. Toledo	29,201	0	2,086	17,494	47	4,579	274	11	0	4,710
168	U. PR Medical Sciences Campus	28,481	0	0	28,481	0	0	0	0	0	0
169	U. WY	28,372	61	5,083	16,419	147	1,833	179	864	1,315	2,471
170	Old Dominion U.	28,298	974	3,800	1,838	625	3,133	507	538	0	16,883
171	U. TX El Paso	26,902	2,530	4,100	8,741	2,894	2,603	510	949	0	4,575
172	GA State U.	26,257	203	63	11,436	150	3,913	3,564	5,106	1,822	0
173	C. of William and Mary all campuses	25,645	668	16,015	1,473	218	3,978	221	336	2,736	0
174	SUNY Health Science Ctr. Brooklyn	25,299	0	0	25,299	0	0	0	0	0	0
175	Morehouse School of Medicine	24,985	0	0	24,985	0	0	0	0	0	0
176	Syracuse U. all campuses	24,207	4,105	965	1,396	644	4,676	4,283	1,556	0	6,582
177	U. AL, The	23,394	4,287	698	2,349	41	2,834	1,982	957	59	10,187
178	SUNY Upstate Medical U.	23,117	0	0	23,117	0	0	0	0	0	0
179	NY Medical C.	23,107	0	0	23,107	0	0	0	0	0	0
180	Loyola U. Chicago	23,034	15	0	21,592	0	356	726	295	50	0
181	U. MA Lowell	22,406	1,212	2,542	2,870	72	6,634	19	876	10	8,171
182	U. MO-Rolla	22,353	546	2,459	130	0	2,484	0	14	0	16,720
183	Stevens Institute of Technology	22,182	1,329	3,262	2,232	115	764	0	0	719	13,761
184	San Jose State U.	22,173	245	7,735	436	238	2,632	7,440	28	573	2,846
185	FL A&M U.	22,154	263	2,836	13,298	196	2,115	99	0	0	3,347
186	Lehigh U.	22,044	1,597	886	1,005	74	4,580	197	283	0	13,422
187	CUNY The City C.	21,739	288	152	6,625	309	4,239	149	0	0	9,977
188	U. TX San Antonio	21,523	3,631	554	11,552	126	1,875	222	882	0	2,681

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
189	U. TX Dallas	21,383	2,874	229	5,023	140	4,997	1,970	605	493	5,052
190	Wright State U. all campuses	21,315	862	488	12,811	248	1,974	873	60	413	3,586
191	Boston C.	21,099	20	7,362	3,423	326	5,756	912	3,300	0	0
192	SD State U.	20,912	43	1,452	15,749	0	591	0	440	0	2,637
193	Hampton U.	20,910	19	11,440	923	637	5,794	0	0	975	1,122
194	U. TX Arlington	20,721	1,253	125	1,270	357	5,490	988	80	0	11,158
195	CO School of Mines	20,072	0	1,298	0	286	5,127	0	0	1,551	11,810
196	U. North TX Health Science Ctr. Ft. Worth	19,818	0	0	19,818	0	0	0	0	0	0
197	TX Tech U.	19,698	410	2,739	3,427	365	2,769	446	1,915	0	7,627
198	IL Institute of Technology	18,888	1,420	0	9,508	88	2,218	400	0	0	5,254
199	Portland State U.	18,743	2,411	1,984	2,630	217	4,124	537	3,361	0	3,479
200	Marshall U.	18,492	0	99	11,509	0	12	0	0	0	6,872
201	NC Agricultural and Technical State U.	18,405	384	0	5,576	0	3,217	0	7	188	9,033
202	OH U. all campuses	18,204	50	490	4,600	149	3,365	740	223	0	8,587
203	U. MD Biotechnology Institute	17,952	0	5,385	12,357	0	0	0	210	0	0
204	FL Atlantic U.	17,642	639	65	5,165	977	1,452	1,532	156	706	6,950
205	U. SD	17,569	245	79	15,740	0	1,110	118	177	0	100
206	Eastern VA Medical School	17,499	0	0	17,499	0	0	0	0	0	0
207	Southern IL U. Carbondale	17,499	79	298	12,570	210	2,186	670	241	390	855
208	Brigham Young U. all campuses	17,128	784	201	4,773	671	3,467	459	129	0	6,644
209	U. WI Milwaukee	16,895	153	2,446	4,941	675	4,336	925	1,893	0	1,526
210	U. PR Rio Piedras Campus	16,811	0	1,093	3,116	427	10,943	1,120	62	50	0
211	U. MO-Kansas City	16,765	453	41	14,243	26	1,073	671	99	0	159
212	U. South AL	15,746	72	2,688	11,082	167	194	146	32	0	1,365
213	U. Memphis, The	15,393	2,339	1,203	1,800	314	966	3,165	2,672	154	2,780
214	U. Southern ME	15,138	137	1,186	10,723	0	0	0	2,986	0	106
215	Catholic U. America, The	15,020	0	0	921	0	11,630	352	86	0	2,031
216	CUNY Hunter C.	14,978	132	104	5,537	10	3,596	4,177	1,422	0	0
217	SUNY Binghamton	14,402	848	562	500	167	2,322	3,228	2,422	12	4,341
218	Rochester Institute of Technology	14,370	372	805	1,561	221	5,639	192	73	0	5,507
219	U. NC Wilmington	13,949	267	8,689	3,442	20	866	665	0	0	0
220	SD School of Mines and Technology	13,866	68	1,451	0	0	1,957	0	0	0	10,390
221	Wichita State U.	13,485	0	0	1,155	172	558	2,665	852	0	8,083
222	Northern AZ U.	13,298	3	1,447	10,965	37	333	0	119	15	379
223	U. MA Dartmouth	13,087	391	6,941	1,244	1,077	1,252	0	5	13	2,164
224	ID State U.	13,002	439	1,326	4,891	2	4,802	11	824	0	707
225	U. of the VI	12,770	0	0	5,332	0	0	0	7,438	0	0
226	CA State U. Long Beach	12,702	0	144	2,215	79	945	1,777	0	484	7,058

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
227	Kent State U. all campuses	12,476	623	357	1,839	154	5,512	3,545	441	0	5
228	U. LA Lafayette	12,426	1,972	42	5,691	165	54	1,889	130	1,760	723
229	U. MD Ctr. for Environmental Science	12,019	0	12,019	0	0	0	0	0	0	0
230	Mercer U. all campuses	12,012	0	0	823	0	9	0	5	0	11,175
231	U. MA Boston	12,001	695	1,457	3,809	0	186	3,854	1,920	0	80
232	Northern IL U.	11,566	268	1,123	1,953	36	2,582	1,539	275	0	3,790
233	Tuskegee U.	11,522	0	0	8,065	0	230	0	1,959	0	1,268
234	Morgan State U.	10,978	0	0	1,153	595	383	0	1,742	0	7,105
235	Miami U. all campuses	10,872	NA	NA	NA	NA	NA	NA	NA	NA	NA
236	East Carolina U.	10,807	16	497	8,757	426	421	192	330	12	156
237	Creighton U.	10,722	0	98	10,157	0	422	45	0	0	0
238	U. NC Charlotte	10,635	2,513	285	2,351	786	1,017	301	615	0	2,767
239	Southern Methodist U.	10,612	184	2,948	1,539	523	1,915	344	134	0	3,025
240	Albany Medical C.	10,239	0	0	10,239	0	0	0	0	0	0
241	San Francisco State U.	10,143	28	2,314	3,631	339	2,105	518	1,047	0	161
242	Worcester Polytechnic Institute	9,977	1,552	0	853	935	600	0	230	0	5,807
243	Alcorn State U.	9,525	0	0	9,525	0	0	0	0	0	0
244	U.S. Military Academy	9,293	2,381	133	0	447	333	597	1,368	0	4,034
245	U. Akron all campuses	9,272	0	149	1,340	191	3,048	4	944	0	3,596
246	SUNY C. of Environmental Science and Forestry	9,239	0	1,741	4,059	0	1,488	0	33	0	1,918
247	U. Denver	9,212	545	0	867	0	2,066	3,786	20	0	1,928
248	Boise State U.	9,124	0	1,418	1,864	22	1,193	86	314	0	4,227
249	TX Tech U. Health Science Ctr.	8,995	0	0	8,995	0	0	0	0	0	0
250	CUNY Queens C.	8,940	43	165	6,290	0	870	1,392	180	0	0
251	CA State U. Los Angeles	8,848	0	681	3,303	235	2,920	137	336	0	1,236
252	Western MI U.	8,591	101	692	2,543	1,871	1,253	198	328	0	1,605
253	U.S. Naval Academy	8,463	179	54	0	762	1,662	0	668	0	5,138
254	Clarkson U.	8,269	20	0	160	179	1,000	0	0	0	6,910
255	Air Force Institute of Technology	8,244	1,439	62	0	1,142	2,411	0	0	0	3,190
256	U. North TX	8,241	845	247	1,946	206	1,809	0	329	0	2,859
257	MO State U.	7,747	0	157	1,341	0	5,568	22	13	0	646
258	Prairie View A&M U.	7,659	0	0	4,189	52	921	0	0	66	2,431
259	Teachers C. Columbia U.	7,622	66	0	1,533	0	0	3,667	2,356	0	0
260	CA State Polytechnic U. San Luis Obispo	7,603	710	998	977	37	349	5	20	2,597	1,910
261	TN State U.	7,576	18	131	5,462	174	352	10	0	0	1,429
262	U. LA Monroe	7,429	0	27	2,963	0	0	0	4,439	0	0
263	CA State U. Northridge	7,381	0	867	913	1,039	1,904	627	80	1,369	582

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
264	Universidad Central del Caribe	7,304	0	0	7,304	0	0	0	0	0	0
265	Norfolk State U.	7,287	984	0	181	12	4,636	0	74	0	1,400
266	DE State U.	7,097	0	0	4,043	1,701	1,353	0	0	0	0
267	Marquette U.	7,075	0	0	2,714	351	1,293	23	0	222	2,472
268	Rosalind Franklin U. of Medicine and Science	6,936	0	0	6,541	0	0	395	0	0	0
269	Clark Atlanta U.	6,784	464	0	2,635	49	3,365	72	31	27	141
270	FL Institute of Technology	6,706	1,119	1,029	1,240	68	2,173	0	0	0	1,077
271	Western KY U.	6,536	21	790	1,493	10	4,017	201	0	0	4
272	LA Tech U.	6,399	538	176	1,183	153	1,081	73	0	0	3,195
273	U. NC Greensboro	6,336	27	2	3,545	254	325	1,609	574	0	0
274	U. Tulsa	6,331	2,130	52	807	0	865	451	312	0	1,714
275	NC Central U.	6,323	0	1,143	3,843	507	383	0	447	0	0
276	SC State U.	6,252	0	723	4,347	0	192	0	0	0	990
277	Polytechnic U.	6,050	1,872	0	0	305	2,067	0	0	0	1,806
278	TX A&M U. Corpus Christi	6,015	334	1,874	3,214	113	123	0	0	288	69
279	VA State U.	5,973	0	0	5,523	0	0	184	0	0	266
280	Bowling Green State U. all campuses	5,918	5	466	839	9	2,698	298	1,401	0	202
281	U. HI Hilo	5,877	0	719	4,778	0	42	136	50	0	152
282	Ponce School of Medicine	5,707	0	0	5,707	0	0	0	0	0	0
283	U. MD Eastern Shore	5,648	0	169	5,370	0	109	0	0	0	0
284	Southern U. and A&M C. all campuses	5,593	59	3,088	387	190	921	0	366	0	582
285	AL A&M U.	5,566	0	0	2,889	0	1,364	0	0	613	700
286	U. GU	5,550	0	1,053	4,475	0	0	0	22	0	0
287	U. MO-St. Louis	5,424	0	0	1,568	218	1,529	461	1,648	0	0
288	Villanova U.	5,388	257	0	332	65	398	100	80	0	4,156
289	Oakland U.	5,357	474	0	1,428	153	1,943	30	0	0	1,329
290	U. AK Anchorage all campuses	5,258	0	1,007	2,826	0	95	0	565	570	195
291	TN Technological U.	5,094	231	0	568	54	208	168	3	0	3,862
292	Cleveland State U.	5,027	0	162	694	0	361	337	793	0	2,680
293	CA State U. Fullerton	4,980	0	188	2,474	0	249	0	1,777	6	286
294	East TN State U.	4,911	99	0	4,511	0	110	80	40	71	0
295	U. CA, Merced	4,852	0	701	1,622	63	306	0	251	0	1,909
296	Humboldt State U.	4,723	423	353	2,756	0	0	0	1,172	0	19
297	Tarleton State U.	4,701	0	5	4,609	87	0	0	0	0	0
298	MT Tech of the U. MT	4,694	0	1,052	439	0	393	0	0	0	2,810
299	Morehouse C.	4,650	25	0	1,283	45	655	529	2,113	0	0
300	Lincoln U. (Jefferson City, MO)	4,574	0	699	1,833	0	156	41	1,019	826	0



TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
301	Embry-Riddle Aeronautical U.	4,572	295	470	0	0	538	109	0	1,898	1,262
302	AR State U. main campus	4,542	18	0	1,135	0	3,078	281	0	2	28
303	CA State U. San Bernardino	4,447	12	115	489	79	272	834	876	1,441	329
304	Duquesne U.	4,377	0	0	2,683	187	1,488	0	19	0	0
305	U. TX Brownsville	4,371	0	92	2,265	0	1,692	0	40	0	282
306	CUNY Graduate Ctr.	4,304	329	41	24	1,072	0	738	1,409	691	0
307	Nova Southeastern U.	4,294	0	2,198	1,539	0	0	557	0	0	0
308	Xavier U. LA	4,280	6	0	2,546	85	1,630	5	0	8	0
309	U. DC	4,211	0	107	1,893	0	455	0	1,011	0	745
310	Wesleyan U.	4,133	0	156	1,890	113	1,148	616	210	0	0
311	IL State U.	3,996	0	30	2,286	461	981	23	215	0	0
312	TX Southern U.	3,955	0	0	2,052	16	1,874	0	13	0	0
313	C. Charleston	3,943	111	1,326	1,018	218	379	0	118	748	25
314	KY State U.	3,849	0	0	3,769	63	0	0	0	0	17
315	U. AR Pine Bluff	3,788	0	0	3,155	411	202	0	20	0	0
316	U. TX-Pan American	3,768	0	127	1,582	41	373	0	527	0	1,118
317	CA State U. Fresno	3,684	0	0	2,853	0	0	0	536	2	293
318	James Madison U.	3,650	1,183	416	900	244	463	124	90	0	230
319	Stephen F. Austin State U.	3,606	0	0	701	65	0	0	25	2,815	0
320	CA State U. Monterey Bay	3,596	0	3,078	518	0	0	0	0	0	0
321	Langston U.	3,489	0	0	3,489	0	0	0	0	0	0
322	Smith C.	3,429	313	0	864	298	638	683	37	0	596
323	U. West FL	3,426	1,132	0	1,095	38	0	0	188	0	973
324	Ball State U.	3,423	530	58	2,082	30	130	88	408	83	14
325	TX A&M U. Kingsville	3,364	0	228	1,611	0	112	0	0	0	1,413
326	CUNY Brooklyn C.	3,329	612	0	1,063	0	1,056	598	0	0	0
327	CA State U. Sacramento	3,299	0	2,072	28	0	130	0	983	0	86
328	Ft. Valley State U.	3,297	0	0	3,297	0	0	0	0	0	0
329	Baylor U.	3,220	58	478	706	29	657	387	589	0	316
330	St. Francis U. (Loretto, PA)	3,147	0	47	3,100	0	0	0	0	0	0
331	Western WA U.	3,100	0	786	1,450	68	458	49	237	38	14
332	Wellesley C.	3,083	45	30	778	62	666	0	307	1,195	0
333	CA State U. Dominguez Hills	3,036	181	198	716	1,423	202	216	100	0	0
334	Elizabeth City State U.	2,979	1,931	397	197	0	360	92	0	0	2
335	Clark U.	2,878	0	902	495	55	442	805	179	0	0
336	Fisk U.	2,851	0	0	0	0	2,851	0	0	0	0
337	Fordham U.	2,774	0	0	871	0	0	1,571	332	0	0
338	WV State U.	2,723	32	161	2,456	0	0	0	0	0	74

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
339	FL Gulf Coast U.	2,719	72	1,531	986	0	36	0	0	94	0
340	La Salle U.	2,714	0	0	0	0	0	0	0	2,714	0
341	Rowan U.	2,709	8	0	67	818	192	776	0	0	848
342	Lamar U.	2,692	158	15	0	5	117	0	0	0	2,397
343	CUNY Herbert H. Lehman C.	2,689	36	0	1,790	182	216	416	49	0	0
344	TX Christian U.	2,685	0	16	69	0	608	1,957	0	0	35
345	Southern IL U. Edwardsville	2,668	76	289	1,145	69	297	0	12	458	322
346	AL State U.	2,461	0	0	2,461	0	0	0	0	0	0
347	Northeastern OH Universities C. of Medicine	2,417	0	0	2,417	0	0	0	0	0	0
348	Barnard C.	2,411	0	375	211	158	253	1,371	43	0	0
349	Eastern MI U.	2,381	80	1,302	155	0	620	83	25	0	116
350	Central State U.	2,376	128	128	255	0	128	0	128	0	1,609
351	Oakwood C.	2,271	0	0	0	0	75	0	0	0	2,196
352	West TX A&M U.	2,242	0	228	647	0	91	0	14	0	1,262
353	DePaul U.	2,240	711	8	63	37	191	1,186	33	11	0
354	Western Carolina U.	2,225	757	778	240	0	0	0	433	0	17
355	Central WA U.	2,174	0	1,620	356	13	98	0	87	0	0
356	CUNY John Jay C. of Criminal Justice	2,162	0	0	57	98	0	1,516	491	0	0
357	CUNY York C.	2,160	0	0	2,160	0	0	0	0	0	0
358	Black Hills State U.	2,148	0	0	1,733	0	0	150	245	20	0
359	TX State U. San Marcos	2,146	99	1,066	539	0	294	57	0	91	0
360	U. PR Humacao	2,104	0	0	321	260	1,523	0	0	0	0
361	Long Island U. all campuses	2,094	0	0	1,986	0	108	0	0	0	0
362	Kettering U.	2,035	0	0	0	0	9	0	0	0	2,026
363	West Chester U. PA	2,015	0	0	1,643	0	372	0	0	0	0
364	Spelman C.	2,005	77	0	1,499	24	405	0	0	0	0
365	Shaw U.	1,997	0	254	1,572	0	171	0	0	0	0
366	SUNY C. of Optometry	1,982	0	0	1,982	0	0	0	0	0	0
367	Mt. Holyoke C.	1,947	0	838	137	121	703	124	24	0	0
368	Tougaloo C.	1,936	23	0	1,913	0	0	0	0	0	0
369	Chicago State U.	1,926	0	0	0	0	1,145	0	0	781	0
370	Savannah State U.	1,864	0	1,194	144	166	0	0	0	0	360
371	U. Richmond	1,864	0	0	403	472	770	219	0	0	0
372	Calvin C.	1,855	185	0	1,331	78	152	31	78	0	0
373	Morehead State U.	1,788	0	21	494	15	129	263	866	0	0
374	PA C. of Optometry	1,776	0	0	1,776	0	0	0	0	0	0
375	U. TX Tyler	1,771	15	53	195	11	0	17	0	0	1,480

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
376	CA State Polytechnic U. Pomona	1,750	0	14	1,688	0	0	0	0	0	48
377	Fairmont State U.	1,718	0	0	659	0	343	0	0	716	0
378	Middlebury C.	1,710	80	188	642	71	423	63	47	196	0
379	U. North FL	1,702	97	0	748	21	465	66	104	0	201
380	U. AK Southeast all campuses	1,695	0	242	430	0	435	0	159	429	0
381	Palmer C. of Chiropractic	1,640	0	0	1,640	0	0	0	0	0	0
382	Harvey Mudd C.	1,637	288	0	222	370	525	0	0	9	223
383	Sam Houston State U.	1,625	0	0	0	197	28	111	0	0	1,289
384	U. NC Asheville	1,619	0	728	1	43	625	0	161	59	2
385	U. WI Superior	1,599	0	649	0	4	0	0	945	1	0
386	Clafin U.	1,592	100	0	1,022	0	470	0	0	0	0
387	Bucknell U.	1,539	0	0	161	44	556	0	0	0	778
388	Monmouth U.	1,538	1,093	373	60	0	12	0	0	0	0
389	American U.	1,494	0	0	96	23	844	228	303	0	0
390	St. Joseph's U.	1,486	333	0	289	0	10	0	96	758	0
391	Appalachian State U.	1,485	27	202	486	0	677	29	64	0	0
392	Carleton C.	1,485	5	692	181	334	211	62	0	0	0
393	Dillard U.	1,473	0	0	1,473	0	0	0	0	0	0
394	Milwaukee School of Engineering	1,465	0	0	594	0	40	0	0	0	831
395	Coastal Carolina U.	1,445	0	1,154	48	0	243	0	0	0	0
396	U. WI Stevens Point	1,410	0	684	592	0	112	0	22	0	0
397	Central MI U.	1,390	0	135	240	269	671	46	29	0	0
398	Seton Hall U.	1,374	0	0	852	0	19	0	0	503	0
399	St. John's U. (Jamaica, NY)	1,364	0	0	444	0	163	757	0	0	0
400	Northwestern Health Sciences U.	1,361	0	0	1,361	0	0	0	0	0	0
401	U. WI La Crosse	1,329	35	514	399	21	159	0	7	0	194
402	U. New England	1,319	0	316	1,003	0	0	0	0	0	0
403	CA State U. East Bay	1,287	0	92	559	135	366	21	114	0	0
404	U. Northern CO	1,283	0	9	409	209	367	22	147	120	0
405	Benedict C.	1,281	63	63	830	63	74	0	0	0	188
406	Bowdoin C.	1,271	34	192	634	55	216	19	104	17	0
407	Fayetteville State U.	1,270	0	0	677	89	356	0	0	148	0
408	SUNY C. Buffalo	1,259	0	185	55	0	142	135	742	0	0
409	OR Institute of Technology	1,250	4	10	0	0	0	0	0	0	1,236
410	Governors State U.	1,243	0	0	1,243	0	0	0	0	0	0
411	Colgate U.	1,235	184	265	427	0	272	0	87	0	0
412	U. of the Pacific	1,213	49	20	642	0	427	0	0	0	75
413	Ithaca C.	1,197	102	0	430	350	307	8	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
414	Amherst C.	1,194	0	36	498	57	531	72	0	0	0
415	CUNY C. Staten Island	1,191	0	0	0	234	957	0	0	0	0
416	Bryn Mawr C.	1,180	0	82	140	155	426	377	0	0	0
417	U. Redlands	1,165	0	1,110	0	0	55	0	0	0	0
418	TX Woman's U.	1,146	0	0	1,011	0	70	0	65	0	0
419	Hobart and William Smith Colleges	1,145	0	422	0	0	580	24	119	0	0
420	Lawrence Technological U.	1,129	0	0	0	0	0	0	0	0	1,129
421	NM Highlands U.	1,115	0	96	130	0	889	0	0	0	0
422	Sinte Gleska U.	1,115	0	182	428	0	168	337	0	0	0
423	U. IL Springfield	1,113	42	0	0	0	71	0	1,000	0	0
424	Alfred U. all campuses	1,110	0	66	0	0	41	129	0	0	874
425	New England C. of Optometry	1,101	0	0	1,101	0	0	0	0	0	0
426	Franklin & Marshall C.	1,095	0	280	174	0	591	0	50	0	0
427	Sul Ross State U.	1,094	0	371	560	0	0	0	163	0	0
428	IN State U. all campuses	1,079	0	380	249	0	162	208	5	0	75
429	Whitman C.	1,064	0	352	180	0	426	51	55	0	0
430	Lafayette C.	1,063	0	98	55	166	51	43	0	7	643
431	Northern KY U.	1,062	0	0	445	11	246	221	139	0	0
432	Wheeling Jesuit U.	1,062	NA	NA	NA	NA	NA	NA	NA	NA	NA
433	Youngstown State U.	1,059	0	0	86	1	972	0	0	0	0
434	U. of the Sciences Philadelphia	1,054	0	0	431	0	557	0	43	23	0
435	Vassar C.	1,052	237	200	384	0	48	0	160	0	23
436	Southeastern LA U.	1,045	0	0	829	0	216	0	0	0	0
437	Furman U.	1,042	10	35	125	0	673	199	0	0	0
438	U. Hartford	1,028	265	0	0	0	1	0	0	0	762
439	Pomona C.	1,016	43	21	146	135	152	430	24	65	0
440	U. West GA	998	28	210	131	5	624	0	0	0	0
441	IL Wesleyan U.	993	0	0	0	0	479	514	0	0	0
442	SUNY C. Geneseo	987	28	0	115	311	496	37	0	0	0
443	New School, The	980	767	0	0	0	0	178	35	0	0
444	Trinity U.	979	41	16	218	84	479	78	12	0	51
445	Hope C.	972	187	0	261	58	303	0	0	0	163
446	U. WI Oshkosh	972	1	127	747	0	96	0	0	1	0
447	Loyola Marymount U.	962	0	0	194	264	59	328	0	94	23
448	MS Valley State U.	951	345	0	34	0	15	0	0	0	557
449	Towson U.	936	198	0	132	2	199	0	405	0	0
450	Union C. (Schenectady, NY)	930	71	52	86	0	268	5	33	0	415
451	St. Olaf C.	919	40	0	453	10	201	215	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
452	Albany State U.	896	0	27	817	0	0	0	0	52	0
453	Plymouth State U.	892	0	785	98	0	0	0	9	0	0
454	Hamilton C. (Clinton, NY)	888	0	160	74	0	437	81	136	0	0
455	St. Cloud State U.	883	0	16	498	0	25	0	273	0	71
456	SUNY C. Old Westbury	878	0	0	610	2	219	0	47	0	0
457	MT State U. Billings	865	0	0	317	0	523	0	25	0	0
458	Claremont Graduate U.	858	344	0	0	31	0	396	87	0	0
459	U. Northern IA	858	34	0	326	0	390	0	108	0	0
460	Wilberforce U.	854	718	0	136	0	0	0	0	0	0
461	Washington and Jefferson C.	846	0	0	0	0	0	846	0	0	0
462	U. Central OK	843	21	0	60	0	0	0	0	642	120
463	SUNY C. Oswego	838	0	38	0	0	234	545	21	0	0
464	Bates C.	831	0	58	523	0	231	0	19	0	0
465	Pittsburg State U.	830	0	0	64	0	41	0	0	0	725
466	GA Southern U.	829	0	174	492	7	136	0	20	0	0
467	Western States Chiropractic C.	825	0	0	825	0	0	0	0	0	0
468	Swarthmore C.	812	0	0	9	37	581	183	0	0	2
469	Occidental C.	802	0	77	182	0	437	0	106	0	0
470	Davidson C.	799	0	0	12	376	0	213	198	0	0
471	Western U. of Health Sciences	786	0	0	786	0	0	0	0	0	0
472	St. Mary's U. (San Antonio, TX)	785	0	0	0	0	0	0	0	562	223
473	Roger Williams U. Bristol	783	0	142	351	0	290	0	0	0	0
474	Lincoln U. (Lincoln University, PA)	774	0	0	247	0	527	0	0	0	0
475	U. PR Cayey	766	0	0	420	35	119	60	132	0	0
476	Augustana C. (Sioux Falls, SD)	763	77	0	586	0	100	0	0	0	0
477	Colby C.	731	42	16	267	96	293	17	0	0	0
478	Barry U.	697	0	0	697	0	0	0	0	0	0
479	C. of the Holy Cross	691	0	0	88	124	230	242	7	0	0
480	Haskell Indian Nations U.	687	0	188	0	499	0	0	0	0	0
481	Augsburg C.	680	109	0	0	0	507	64	0	0	0
482	U. Baltimore	674	0	0	0	0	0	0	674	0	0
483	Reed C.	663	0	0	323	0	61	279	0	0	0
484	U. WI Eau Claire	662	0	93	300	57	212	0	0	0	0
485	CT C.	651	19	0	102	0	437	92	1	0	0
486	U. WI Green Bay	646	0	646	0	0	0	0	0	0	0
487	Valparaiso U.	642	0	0	38	90	425	0	0	0	89
488	Christopher Newport U.	630	0	0	147	0	483	0	0	0	0
489	Grambling State U.	628	0	0	272	0	356	0	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
490	Grand Valley State U.	610	0	200	282	0	33	0	0	0	95
491	Hendrix C.	605	0	7	118	0	281	0	0	5	194
492	U.S. Coast Guard Academy	604	0	30	0	0	18	0	8	0	548
493	CO C.	602	0	59	3	65	475	0	0	0	0
494	Pace U. all campuses	602	28	5	367	0	0	0	0	202	0
495	Eastern WA U.	596	0	22	325	0	0	0	249	0	0
496	C. NJ, The	594	0	0	0	0	296	0	85	213	0
497	Millsaps C.	589	0	0	548	0	3	0	38	0	0
498	Murray State U.	588	0	48	287	128	69	0	0	0	56
499	Oberlin C.	585	0	129	59	0	316	43	38	0	0
500	Albany C. of Pharmacy	582	0	0	582	0	0	0	0	0	0
501	Evergreen State C.	579	28	413	138	0	0	0	0	0	0
502	Seattle U.	567	0	0	84	2	461	0	0	0	20
503	Siena C.	567	0	0	78	0	482	0	7	0	0
504	Philadelphia C. of Osteopathic Medicine	563	0	0	563	0	0	0	0	0	0
505	Kenyon C.	558	0	0	538	0	20	0	0	0	0
506	Gonzaga U.	550	69	0	171	0	303	0	0	0	7
507	Lewis & Clark C.	550	24	39	364	41	82	0	0	0	0
508	Midwestern U. (Chicago, IL)	543	0	0	543	0	0	0	0	0	0
509	Northwestern State U.	535	0	0	0	0	0	0	535	0	0
510	Universidad del Turabo	532	0	396	92	0	0	0	0	44	0
511	Macalester C.	528	0	139	80	66	166	51	26	0	0
512	Providence C.	525	0	0	511	0	14	0	0	0	0
513	Western IL U.	517	21	137	73	0	268	0	18	0	0
514	Southern OR U.	506	0	106	260	0	28	0	112	0	0
515	Universidad Metropolitana	505	0	367	134	0	0	0	0	2	2
516	Hofstra U.	498	0	0	272	0	78	46	0	0	102
517	Northeastern IL U.	485	0	0	0	144	229	112	0	0	0
518	MN State U. Mankato	481	0	90	106	0	52	0	0	183	50
519	Sonoma State U.	472	0	0	307	0	0	0	165	0	0
520	U. of St. Thomas (St. Paul, MN)	472	74	8	92	29	220	0	41	0	8
521	Middle TN State U.	468	44	8	221	11	91	0	35	0	58
522	Rose-Hulman Institute of Technology	463	0	0	0	0	451	0	0	0	12
523	Bridgewater State C.	459	0	138	302	0	10	0	9	0	0
524	Eastern KY U.	440	0	144	276	7	0	0	13	0	0
525	Philadelphia U.	440	0	0	0	0	0	0	0	440	0
526	Southern Polytechnic State U.	439	6	0	0	0	0	0	0	297	136
527	Eckerd C.	437	47	326	0	20	44	0	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
528	TX A&M U. Commerce	421	13	0	17	0	284	67	0	0	40
529	Salish Kootenai C.	419	0	0	239	0	180	0	0	0	0
530	Universidad del Este	416	0	0	416	0	0	0	0	0	0
531	Rhodes C.	411	0	0	209	0	94	108	0	0	0
532	NY Institute of Technology all campuses	410	0	0	5	0	0	0	0	0	405
533	CUNY Baruch C.	409	0	0	0	64	0	179	166	0	0
534	Indiana U. PA all campuses	407	0	45	293	0	8	2	59	0	0
535	Muhlenberg C.	403	0	0	336	0	42	0	25	0	0
536	SUNY C. Plattsburgh	401	0	89	0	0	312	0	0	0	0
537	Truman State U.	399	0	0	332	0	67	0	0	0	0
538	Eastern OR U.	396	0	0	220	0	162	0	14	0	0
539	Kennesaw State U.	383	0	0	250	0	83	0	50	0	0
540	John Carroll U.	374	0	0	71	303	0	0	0	0	0
541	Northern MI U.	368	0	93	87	0	158	30	0	0	0
542	Dickinson C.	365	0	45	133	0	117	70	0	0	0
543	Rider U.	365	0	0	342	0	1	22	0	0	0
544	Ursinus C.	362	0	28	236	0	43	55	0	0	0
545	Andrews U.	360	0	0	34	58	59	0	209	0	0
546	Bradley U.	359	5	0	185	0	128	0	0	0	41
547	Adelphi U.	349	161	0	188	0	0	0	0	0	0
548	Hampshire C.	349	20	35	80	0	7	0	3	204	0
549	Trinity C. (Hartford, CT)	346	150	0	63	0	24	65	0	38	6
550	U. San Diego	346	0	46	91	0	158	0	0	0	51
551	Grinnell C.	343	50	0	199	26	0	0	68	0	0
552	Central CT State U.	341	0	0	50	0	220	0	71	0	0
553	Loyola U. New Orleans	337	0	0	127	112	98	0	0	0	0
554	U. San Francisco	335	55	6	13	0	64	138	59	0	0
555	Mercy C.	330	0	0	215	0	0	115	0	0	0
556	Northeastern State U.	329	0	0	329	0	0	0	0	0	0
557	Eastern IL U.	322	0	3	283	19	3	9	0	0	5
558	Drake U.	320	0	1	119	0	188	0	0	12	0
559	Gettysburg C.	319	0	10	0	0	215	10	84	0	0
560	U. Portland	318	0	5	161	38	19	0	0	0	95
561	Luther C.	313	0	33	78	1	201	0	0	0	0
562	Mt. St. Mary's C. (Los Angeles, CA)	307	0	0	307	0	0	0	0	0	0
563	SUNY C. Brockport	307	0	200	48	0	54	0	0	5	0
564	Concordia C. (Moorhead, MN)	305	0	0	19	0	286	0	0	0	0
565	Mesa State C.	293	0	81	39	0	64	0	23	86	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
566	Goucher C.	292	0	0	239	0	53	0	0	0	0
567	International American U. PR central office	292	0	0	0	0	0	0	0	0	292
568	U. WI Whitewater	290	0	0	197	30	63	0	0	0	0
569	Southeastern OK State U.	282	0	0	32	0	250	0	0	0	0
570	Skidmore C.	270	0	0	215	0	53	2	0	0	0
571	Pacific U.	268	0	0	188	0	0	0	80	0	0
572	West Liberty State C.	268	0	0	268	0	0	0	0	0	0
573	Wiley C.	264	0	0	0	0	264	0	0	0	0
574	Western CT State U.	262	0	0	200	0	62	0	0	0	0
575	Vanguard U. Southern CA	261	0	0	261	0	0	0	0	0	0
576	U. Puget Sound	258	0	0	258	0	0	0	0	0	0
577	Allegheny C.	250	0	21	27	0	202	0	0	0	0
578	CO State U. Pueblo	249	13	0	158	13	28	0	0	0	37
579	National U. of Health Sciences	245	0	0	245	0	0	0	0	0	0
580	Coe C.	244	0	0	0	0	244	0	0	0	0
581	MA C. of Pharmacy and Health Sciences	241	0	0	156	0	85	0	0	0	0
582	U. NC Pembroke	239	0	27	0	0	129	0	83	0	0
583	Fairfield U.	237	0	0	149	0	34	0	0	0	54
584	Wabash C.	235	0	0	17	81	137	0	0	0	0
585	Lawrence U.	234	0	48	59	0	127	0	0	0	0
586	DePauw U.	230	30	0	30	0	120	50	0	0	0
587	U. TX of the Permian Basin	229	0	0	52	0	126	0	51	0	0
588	Mayville State U.	224	0	0	224	0	0	0	0	0	0
589	Chapman U.	219	0	0	138	0	81	0	0	0	0
590	Juniata C.	219	0	0	59	0	160	0	0	0	0
591	Abilene Christian U.	217	0	0	0	0	217	0	0	0	0
592	Oglala Lakota C.	204	0	71	133	0	0	0	0	0	0
593	Manhattan C.	198	0	0	0	0	0	0	0	0	198
594	Washington and Lee U.	197	48	2	22	0	125	0	0	0	0
595	McNeese State U.	195	0	84	0	0	4	0	107	0	0
596	Sarah Lawrence C.	191	27	36	1	0	127	0	0	0	0
597	Southern U. New Orleans	191	0	0	0	0	0	0	0	191	0
598	LeTourneau U.	189	0	0	0	0	8	0	0	0	181
599	Daemen C.	187	0	0	187	0	0	0	0	0	0
600	U. WI Stout	187	0	0	73	56	43	0	0	12	3
601	Birmingham Southern C.	180	77	0	50	0	53	0	0	0	0
602	U. Houston-Downtown	179	27	0	137	15	0	0	0	0	0



TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008

(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
603	Simmons C.	177	9	0	15	0	45	0	41	67	0
604	AK Pacific U.	176	0	172	0	0	0	0	0	0	4
605	Pacific Lutheran U.	176	0	0	43	0	92	41	0	0	0
606	Point Loma Nazarene C.	169	0	0	122	0	47	0	0	0	0
607	TX A&M International U.	168	0	51	97	0	20	0	0	0	0
608	Wilkes U.	166	0	9	142	0	0	0	0	0	15
609	Willamette U.	164	0	0	0	153	0	0	0	11	0
610	CUNY Medgar Evers C.	157	0	16	84	0	57	0	0	0	0
611	C. Wooster	150	0	18	46	0	86	0	0	0	0
612	U. Scranton	145	0	0	142	0	3	0	0	0	0
613	CA State U. Bakersfield	139	0	0	75	64	0	0	0	0	0
614	William Paterson U. NJ	139	22	37	66	0	0	0	14	0	0
615	SUNY C. Oneonta	137	0	0	107	0	30	0	0	0	0
616	Pepperdine U.	135	0	0	134	1	0	0	0	0	0
617	Radford U.	134	0	0	49	0	1	50	34	0	0
618	OH Wesleyan U.	121	0	0	36	0	57	28	0	0	0
619	Kalamazoo C.	120	0	0	62	0	58	0	0	0	0
620	VA Military Institute	119	0	0	0	0	104	0	0	0	15
621	Winona State U.	116	16	0	100	0	0	0	0	0	0
622	Cheyney U. PA	111	0	0	111	0	0	0	0	0	0
623	Lake Forest C.	107	0	0	107	0	0	0	0	0	0
624	U. CA Office of the President	101	0	0	101	0	0	0	0	0	0
625	Canisius C.	99	0	0	9	53	37	0	0	0	0
626	U. Houston-Clear Lake	98	25	29	17	23	0	4	0	0	0
627	Gustavus Adolphus C.	95	0	19	10	1	65	0	0	0	0
628	Saginaw Valley State U.	91	2	3	0	5	0	0	16	0	65
629	St. Mary's C. MD	86	0	0	41	8	37	0	0	0	0
630	U. WI Parkside	85	12	0	13	0	60	0	0	0	0
631	SUNY New Paltz	83	3	0	0	20	0	0	37	0	23
632	Polytechnic U. PR	80	0	0	0	0	0	0	0	0	80
633	Des Moines U.	75	0	0	75	0	0	0	0	0	0
634	U. WI River Falls	71	0	9	0	0	61	0	1	0	0
635	Mercyhurst C.	68	0	0	0	0	0	0	27	41	0
636	U. WI Platteville	53	0	0	0	0	4	0	0	2	47
637	Kansas City U. of Medicine and Biosciences	49	0	0	49	0	0	0	0	0	0
638	Nicholls State U.	43	0	0	27	0	0	0	0	0	16
639	SUNY C. Cortland	43	0	1	1	0	0	41	0	0	0

TABLE 71. Federally financed R&D expenditures at universities and colleges reporting federal agency detail, ranked by all federal R&D expenditures, by science and engineering field: FY 2008  
(Dollars in thousands)

Rank	Institution	All federal R&D expenditures	Computer sciences	Environmental sciences	Life sciences	Mathematical sciences	Physical sciences	Psychology	Social sciences	Sciences, nec	Engineering
640	CUNY New York City C. of Technology	39	12	0	0	27	0	0	0	0	0
641	Angelo State U.	30	0	0	7	0	23	0	0	0	0
642	Fuller Theological Seminary CA	23	0	0	0	0	0	23	0	0	0
643	Pitzer C.	15	0	0	0	15	0	0	0	0	0
644	Widener U. PA Campus	12	0	0	0	0	0	0	0	0	12
645	Jacksonville U.	10	0	0	10	0	0	0	0	0	0
646	Carlos Albizu U. (San Juan, PR)	8	0	0	0	0	0	8	0	0	0
647	A.T. Still U. of Health Sciences	7	0	0	7	0	0	0	0	0	0
648	SUNY Fredonia	5	0	0	0	0	5	0	0	0	0
649	WV School of Osteopathic Medicine	3	0	0	3	0	0	0	0	0	0
	Benedictine U.	0	0	0	0	0	0	0	0	0	0
	Cooper Union	0	0	0	0	0	0	0	0	0	0
	Marist C.	0	0	0	0	0	0	0	0	0	0
	Roanoke C.	0	0	0	0	0	0	0	0	0	0
	St. John's U. (Collegeville, MN)	0	0	0	0	0	0	0	0	0	0

NA = not available; data were not provided by institution.

nec = not elsewhere classified.

<sup>a</sup> Agency detail data represent the federally financed expenditures of The Johns Hopkins University, excluding its Applied Physics Laboratory (APL). With \$788,800 in total federally financed R&D expenditures, APL did not report federal agency details.

NOTES: Federal R&D expenditures total for all institutions is only those respondents who reported federal agency detail of zero or more and does not match total federal expenditures for all survey respondents in other tables. Field detail may not add to total federal expenditures in this table because some institutions were unable to provide complete agency data. Data are not adjusted for nonresponse. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2008.