

TABLE 47. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2007 total: FY 2004–07  
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2004	2005	2006	2007	2004	2005	2006	2007
	All institutions	1,404,139	1,405,693	1,437,863	1,416,852	1,025,138	1,022,274	1,017,103	1,013,649
1	Carnegie Mellon U.	100,324	106,527	117,865	99,279	90,589	97,313	109,615	89,678
2	U. Southern CA	85,367	88,861	93,573	78,502	80,199	82,915	86,580	72,227
3	Johns Hopkins U., The <sup>a</sup>	73,123	69,653	70,268	76,125	72,265	68,146	69,254	75,277
4	U. IL Urbana-Champaign	113,320	104,792	81,675	73,848	75,934	78,081	55,422	50,005
5	U. CA, San Diego	85,259	65,271	64,466	55,791	65,816	44,146	43,245	36,886
6	GA Institute of Technology all campuses	54,756	54,788	47,560	52,455	39,462	39,080	30,541	32,105
7	MA Institute of Technology	44,543	44,693	49,500	45,762	28,050	30,628	33,158	30,102
8	PA State U. all campuses	31,575	28,576	32,371	41,862	25,968	21,739	24,196	31,582
9	U. TX Austin	29,259	39,405	41,897	37,688	25,778	31,461	33,842	34,545
10	U. HI Manoa	18,143	18,922	21,252	34,176	18,110	18,767	21,057	33,735
11	U. MD College Park	27,990	29,641	37,605	33,720	16,293	17,715	21,554	19,385
12	OH State U. all campuses	23,397	35,998	33,693	29,255	6,523	12,778	14,854	12,349
13	Cornell U. all campuses	27,124	27,601	28,081	23,304	15,722	16,403	16,418	14,468
14	U. Chicago	8,478	10,879	18,144	22,037	8,403	10,841	17,490	21,334
15	OR Health & Science U.	17,805	18,630	16,702	20,850	16,007	16,063	13,687	17,324
16	Stanford U.	18,579	19,610	21,922	19,959	16,413	17,397	18,647	17,432
17	U. MA Amherst	16,312	18,160	17,404	17,660	10,495	9,841	8,523	9,084
18	U. UT	17,098	16,457	15,020	16,273	10,704	9,973	11,171	9,948
19	U. CA, Los Angeles	16,433	15,734	15,992	16,005	12,717	11,740	12,510	11,858
20	U. MN all campuses	13,655	13,987	16,060	15,951	10,269	9,501	10,190	9,704
21	U. WI Madison	13,457	14,454	14,624	14,827	10,607	11,791	11,600	10,830
22	U. IL Chicago	9,144	12,999	12,594	13,067	5,875	6,344	4,786	4,503
23	U. CA, Santa Barbara	11,893	10,537	10,671	11,821	8,887	8,664	8,345	8,470
24	U. NC Chapel Hill	8,555	11,214	11,764	11,422	5,927	8,378	9,454	8,944
25	IN U. all campuses	12,596	8,370	12,397	10,921	6,955	4,749	6,545	4,799
26	U. CA, Irvine	12,234	11,506	11,699	10,787	6,495	6,728	6,505	6,630
27	U. AL Huntsville, The	8,420	8,079	8,615	10,742	7,249	6,840	7,335	7,790
28	VA Polytechnic Institute and State U.	14,858	9,005	10,032	10,662	2,601	3,003	3,691	3,610
29	Purdue U. all campuses	16,642	9,523	8,232	10,597	6,536	5,449	4,732	6,233
30	CA Institute of Technology	12,177	12,199	9,136	10,492	12,177	12,157	8,904	9,552
31	AZ State U.	5,228	5,877	10,409	10,076	2,970	3,149	3,782	4,350
32	Brown U.	7,038	7,568	8,839	9,841	4,636	4,683	5,313	5,622
33	Princeton U.	8,226	9,199	9,779	9,771	4,706	5,629	6,644	6,404
34	U. LA Lafayette	5,091	7,967	6,037	9,496	543	402	552	1,006
35	Columbia U. in the City of NY	9,443	9,613	9,174	9,331	8,879	8,476	8,085	8,114
36	FL State U.	8,087	11,675	8,565	9,206	4,838	4,892	4,523	5,156
37	MS State U.	10,168	7,313	8,824	8,664	4,377	4,000	5,688	5,789
38	U. TN all campuses	12,736	9,386	9,256	8,662	6,930	4,911	6,564	6,098
39	SUNY Buffalo all campuses	8,933	9,214	9,657	8,522	5,104	4,881	5,128	3,726
40	U. NE all campuses	6,300	7,726	7,460	8,512	3,801	4,784	4,357	5,040
41	U. CO all campuses	7,289	7,295	7,641	8,497	6,475	6,485	6,612	6,775
42	Drexel U.	1,396	2,027	6,763	8,034	1,056	1,684	5,040	6,190
43	U. AL, The	2,743	4,018	6,467	7,682	1,024	1,910	3,685	6,130
44	Naval Postgraduate School	12,667 i	5,170	3,573	7,600	11,717 i	4,913	3,543	7,482
45	Syracuse U. all campuses	6,037	8,247	3,439	7,587	3,723	4,559	2,798	3,878
46	TX A&M U.	7,204	8,070	6,574	7,560	3,658	3,924	3,840	4,025
47	Rice U.	9,202	8,490	9,732	7,383	8,126	7,928	8,690	6,461

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(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2004	2005	2006	2007	2004	2005	2006	2007
48	Rutgers, The State U. NJ all campuses	8,378	7,600	8,814	7,329	2,946	3,412	4,732	3,721
49	U. PA	8,120	8,203	7,166	7,202	6,096	5,739	5,227	5,602
50	U. TX Dallas	3,023	8,340	6,631	7,020	1,761	3,478	2,613	2,753
51	Washington U. St. Louis	5,432	7,154	7,262	6,993	3,897	3,491	3,600	3,683
52	Wright State U. all campuses	5,096	4,524	6,499	6,990	2,339	1,592	1,480	1,237
53	U. MI all campuses	9,840	5,888	7,190	6,946	4,041	4,231	4,707	4,828
54	George Mason U.	4,418	5,977	5,791	6,829	4,161	5,874	4,484	6,061
55	U. CA, Davis	3,575	4,921	7,795	6,743	2,264	3,662	4,135	4,218
56	U. VA all campuses	7,236	6,940	6,151	6,466	6,472	6,180	5,643	5,896
57	SUNY Stony Brook all campuses	6,101	4,695	8,366	6,423	3,852	3,242	3,103	3,704
58	U. AK Fairbanks all campuses	12,616	10,245	6,216	6,176 i	10,354	8,674	4,432	4,488 i
59	U. Houston	4,453	5,893	5,441	6,066	2,444	2,761	2,695	3,942
60	NJ Institute of Technology	3,924	3,757	4,944	6,045	1,041	940	1,782	2,053
61	Rockefeller U.	4,270	4,459	4,968	5,942	40	0	0	0
62	FL International U.	3,750	4,525	4,201	5,788	2,828	3,030	3,132	4,155
63	U. NC Charlotte	3,316	4,051	4,154	5,753	3,027	2,106	1,868	2,380
64	New School, The	1,269	2,994	5,026	5,692	460	2,536	4,547	5,690
65	NY U.	7,993	6,461	5,175	5,483	6,342	5,664	4,156	4,090
66	Dartmouth C.	4,195	3,862	4,821	5,243	2,727	2,480	3,071	3,718
67	IA State U.	5,721	5,818	7,508	5,115	2,010	2,350	3,223	3,131
68	NC State U.	4,412	4,428	4,907	5,072	3,234	3,543	3,888	3,445
69	U. Pittsburgh all campuses	3,237	4,013	4,688	4,608	2,828	3,084	3,743	3,883
70	Jackson State U.	3,180	3,698	2,939	4,409	2,895	3,140	2,364	3,703
71	U. FL	3,250	4,498	5,479	4,108	2,818	2,985	3,655	2,876
72	Duke U.	4,696	3,678	3,927	3,786	4,276	3,380	3,122	2,861
73	Clemson U.	2,078	2,260	10,226	3,730	703	710	540	545
74	U. AZ	5,585	7,904	5,971	3,687	4,516	5,640	3,545	2,384
75	U. MD Baltimore County	5,080	588	1,345	3,684	3,147	489	1,015	2,848
76	Yale U.	5,307	4,766	4,940	3,621	4,193	3,857	4,059	3,145
77	Rensselaer Polytechnic Institute	1,938	2,314	3,079	3,606	1,246	1,929	2,490	2,996
78	U. Memphis, The	1,769	1,566	2,977	3,561	0	0	759	953
79	LA State U. all campuses	3,163	2,939	2,895	3,548	557	976	1,144	1,419
80	U. NM main campus	3,404	3,889	3,798	3,525	3,189	3,496	3,484	3,265
81	MI State U.	4,292	4,062	3,921	3,477	2,307	2,022	2,151	1,716
82	U. TX San Antonio	2,091	3,299	3,189	3,466	1,955	3,171	2,985	3,185
83	Villanova U.	305 i	345 i	385 i	3,457	218 i	250 i	280 i	3,438
84	OR State U.	2,309	2,687	3,664	3,128	1,851	2,386	3,387	2,794
85	U. CA, Santa Cruz	2,296	1,890	2,285	3,054	1,589	1,376	1,494	1,252
86	U. GA	2,957	3,045	3,406	3,029	635	684	763	779
87	U. Tulsa	3,694	3,439	3,369	2,956	3,525	3,270	2,997	2,825
88	U. KY all campuses	4,153	3,801	3,354	2,942	2,573	2,102	1,688	1,397
89	U. OR	3,719	2,730	3,341	2,829	3,592	2,576	3,105	2,576
90	U. ME	1,553	1,977	1,677	2,753	518	256	166	101
91	U. CA, Riverside	2,982	2,778	2,532	2,681	2,401	1,641	1,340	1,621
92	SUNY Binghamton	940	1,046	1,320	2,662	316	383	482	1,201
93	U. CT all campuses	2,939	3,326	3,662	2,592	2,057	2,427	1,616	1,645
94	Northeastern U.	2,053	2,456	2,089	2,551	1,428	1,546	1,196	1,639
95	U. of Notre Dame	2,307	2,797	3,346	2,466	2,170	2,700	3,172	2,368
96	Polytechnic U.	1,951	2,525	2,409	2,410	1,078	1,900	1,150	1,892
97	Portland State U.	1,544 e	2,587	3,519	2,407	1,132 e	2,011	2,790	1,930

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		2004	2005	2006	2007	2004	2005	2006	2007
98	U. Rochester	3,560	3,152	2,714	2,405	3,266	2,911	2,259	1,947
99	U. DE	2,034	1,792	1,790	2,360	1,699	1,510	1,564	1,862
100	U. CA Office of the President	2,164	2,174	2,243	2,294	0	0	0	0
101	Wayne State U.	2,283	1,578	1,447	2,259	1,181	730	781	1,175
102	Old Dominion U.	1,193	2,517	2,306	2,241	796	573	976	1,025
103	NM State U. main campus	2,645	2,718	1,994	2,071	2,628	2,366	1,468	1,449
104	U. SC all campuses	1,790	1,344	1,964	2,025	1,094	1,011	1,466	1,505
105	Air Force Institute of Technology	1,249	1,408	3,074	1,988	676	543	661	797
106	U. TX El Paso	960	1,361	1,837	1,962	655	856	1,553	1,854
107	U. MA Boston	44	305	502	1,952	4	174	316	1,193
108	SUNY Albany	3,896	3,529	2,964	1,943	2,158	2,064	1,630	1,553
109	Bowie State U.	1,507	1,835	1,827	1,904	1,507	1,835	1,827	1,904
110	IL Institute of Technology	1,009	1,704	1,904	1,798	888	1,359	1,567	1,674
111	U. WA	980	1,986	1,328	1,766	930	1,901	1,135	1,417
112	KS State U.	3,022	3,214	1,783	1,754	2,693	2,497	1,323	1,023
113	U. TX Arlington	0	0	0	1,675	0	0	0	1,039
114	U. NV, Las Vegas	1,911 i	158	693	1,653	1,461 i	143	634	1,553
115	Boston U.	2,656	2,301	1,738	1,643	2,573	2,287	1,692	1,610
116	FL Atlantic U.	602	1,534	1,832	1,590	162	502	1,005	646
117	CO State U.	1,565	1,895	1,856	1,528	1,368	1,329	1,407	1,307
118	George Washington U.	2,788	3,711	1,174	1,492	2,528	3,014	1,055	1,324
119	UT State U.	875	682	804	1,483	524	502	405	473
120	U. West FL	3,974	6,388	1,514	1,480	3,777	6,295	1,505	1,398
121	Lehigh U.	992	1,030	1,320	1,462	791	653	1,089	1,151
122	U. MO-Columbia	1,608	1,850	1,756	1,439	1,277	1,471	1,507	1,270
123	Monmouth U.	442 i	665	1,359	1,402	442 i	665	1,359	1,402
124	U. OK all campuses	1,910	2,457	2,579	1,354	533	670	821	728
125	Northwestern U.	3,505	3,907	1,560	1,333	2,560	3,030	935	731
126	LA Tech U.	828	1,197	1,204	1,332	93	197	456	490
127	James Madison U.	2,535	2,510	1,345	1,322	1,340	1,892	1,345	1,322
128	Brandeis U.	1,401	1,549	1,487	1,309	1,109	1,237	1,261	1,162
129	Worcester Polytechnic Institute	829	1,022	993	1,297	704	927	806	1,043
130	Wilberforce U.	0 i	0 i	0 i	1,280	0 i	0 i	0 i	1,280
131	Stevens Institute of Technology	4,217	5,194	2,817	1,265	3,584	4,925	2,780	1,208
132	MI Technological U.	1,179	1,708	1,373	1,262	775	1,078	411	180
133	U.S. Military Academy	0 i	0 i	0 i	1,245	0 i	0 i	0 i	1,052
134	U. MA Lowell	361	524	600	1,177	312	299	434	746
135	CUNY Brooklyn C.	971	857	1,081	1,153	731	657	811	954
136	Norfolk State U.	1,099	1,198	603	1,116	1,099	989	588	1,091
137	Temple U.	534	607	656	1,069	337	448	589	910
138	U. AR Little Rock	612	205	1,011 i	1,054 i	288	0	0 i	0 i
139	U. ID	1,465	1,409	1,105	1,053	1,238	1,187	906	779
140	U. Louisville	380	454	776	1,043	239	233	474	889
141	OH U. all campuses	328	287	170	1,013	134	108	0	623
142	Clark Atlanta U.	501	608	1,214	999	501	589	1,214	999
143	U. NV, Reno	748	1,354	994	998	527	1,070	704	672
144	Harvard U.	1,037	395	771	989	1,016	393	771	989
145	DePaul U.	393	540	900	973	339	438	761	779
146	Ball State U.	1,194	831	680	970	244	561	302	722
147	GA State U.	1,517	2,226	1,935	960	836	653	338	166
148	U. CA, Berkeley	2,448	1,694	1,254	916	1,724	1,083	910	580

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		2004	2005	2006	2007	2004	2005	2006	2007
149	Rose-Hulman Institute of Technology	1,876	1,405	1,073	906	0	28	54	0
150	TX Tech U.	705	543	1,104	882	662	315	635	716
151	Brigham Young U. all campuses	963	715	799	842	902	642	738	672
152	Oakland U.	553	360	722	823	223	204	450	338
153	WA State U.	289	320	505	795	0	0	0	113
154	WV U.	596	535	694	792	193	149	279	430
155	U. NH	260	249	605	784	233	191	302	679
156	U. IA	755	497	619	771	651	386	413	527
157	CA State Polytechnic U. San Luis Obispo	781	796	628	770	0	782	594	47
158	Kent State U. all campuses	454	532	288	739	428	390	246	572
159	NM Institute of Mining and Technology	337	491 i	854	723	150	334 i	821	468
160	U. North TX	486	426	423	718	308	308	259	510
161	Tufts U.	884	902	1,010	710	564	572	755	452
162	San Diego State U.	493	653	676	706	86	228	202	214
163	Claremont Graduate U.	361	298	508	697	289	124	115	267
164	U. Southern ME	263 i	312 i	362	619	16 i	9 i	0	41
165	FL Institute of Technology	2,290	1,164	889	616	1,829	802	812	610
166	St. Joseph's U.	155	358	562	589	126	347	551	589
167	U. RI	562	672	672	589	501	645	628	568
168	U. WY	310 e	539	522	576	160 e	238	138	67
169	ID State U.	38	791	683	572	0	752	683	537
170	OK State U. all campuses	123	217	364	565	78	178	256	482
171	Southern IL U. Carbondale	637	354	441	543	0	0	22	93
172	U. Central AR	287 i	315 i	529 i	523 i	199 i	199 i	218 i	178 i
173	NC Agricultural and Technical State U.	509	574	564	495	462	512	563	454
174	U. Dayton	327	382	646	494	244	285	562	484
175	Southern Methodist U.	735	675	687	478	422	372	271	190
176	Southern IL U. Edwardsville	345	436	1,701	475	33	47	239	91
177	TX A&M U. Corpus Christi	903	707	407	464	724	526	270	300
178	C. of William and Mary all campuses	1,187	1,150	853	453	1,116	1,096	780	383
179	U.S. Air Force Academy	3,740	2,903	252	450	1,962	1,125	252	450
180	CUNY The City C.	528	579	467	430	485	445	271	174
181	VA State U.	0	16	7	425	0	0	0	425
182	U. WI Milwaukee	487	268	525	416	256	94	233	140
183	Smith C.	267	301	313	411	267	301	313	397
184	Baylor U.	323	222	259	386	64	70	85	191
185	San Jose State U.	234	334	304	386	44	0	39	141
186	TN Technological U.	59	160	91	386	29	141	50	17
187	CUNY Hunter C.	331	341	379	380	216	219	264	181
188	CUNY Graduate Ctr.	1,634	1,109	626	378	1,010	1,018	465	374
189	CA State U. Dominguez Hills	235	274	335	366	154	214	322	216
190	Harvey Mudd C.	68 i	42 i	395	363	32 i	30 i	259	268
191	U. KS all campuses	782	458	298	354	474	456	296	351
192	U. Central FL	0	398	9,668	350	0	0	93	0
193	U. MO-Rolla	277	429	190	345	94	310	122	275
194	U. AR main campus	825	987	1,047	340	0	0	23	7
195	Spelman C.	20	62	239	329	20	62	239	329

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		2004	2005	2006	2007	2004	2005	2006	2007
196	Western MI U.	263	245	422	329	185	234	119	63
197	Towson U.	171	198	285	325	40	100	265	277
198	U. MA Dartmouth	72	86	162	323	39	34	67	229
199	CA State U. San Bernardino	1,226	1,181	785	317	764	1,127	703	150
200	TX A&M U. Commerce	3	2	195	315	1	0	82	15
201	ND State U. all campuses	2,302	1,244	524	314	2,028	921	447	194
202	MS Valley State U.	218	157	191	313	218	157	191	313
203	Sam Houston State U.	0 i	2	47	311	0 i	2	47	311
204	Case Western Reserve U.	221	186	1,230	309	221	161	1,065	177
205	TX State U. San Marcos	191	353	437	302	0	241	175	231
206	U. Denver	115	89	56	298	78	89	56	298
207	Mt. Holyoke C.	313	493	281	297	80	153	75	26
208	U. VT	0	0	0	287	0	0	0	249
209	Loyola C.	131	401	359 i	282	118	317	266 i	264
210	Boston C.	135 e	20	115	275	135 e	0	0	3
211	Humboldt State U.	171 i	175 i	91	267	83 i	82 i	74	206
212	Wake Forest U.	0	168	297	254	0	132	180	141
213	U. SD	140	172	38	245	140	169	38	192
214	U. Southern MS	132	272	273	236	131	272	267	224
215	U. TX Tyler	ne	15	230	234	ne	0	223	234
216	Hope C.	111	116	205	220	102	108	201	220
217	Winona State U.	ne	ne	ne	214	ne	ne	ne	1
218	Northern IL U.	382	153	294	213	274	122	277	200
219	FL A&M U.	358	136	965	205	350	122	175	118
220	U. Hartford	27	69	125	204	0	62	125	204
221	Rochester Institute of Technology	418	1,404	328	202	187	253	150	137
222	TX A&M U. Kingsville	0	0	0	200	0	0	0	200
223	Wellesley C.	1	0	0	198	0	0	0	198
224	Western Carolina U.	189	153	41	196	138	106	41	138
225	Xavier U. LA	194	166 i	261	182	190	165 i	258	177
226	Pomona C.	11	121	258	178	0	8	83	168
227	Winston-Salem State U.	172 e	181 i	155 i	173 i	172 e	181 i	155 i	173 i
228	U. NC Asheville	2	205	400	169	0	0	0	0
229	Bryn Mawr C.	180	353	150	168	47	0	42	0
230	U. Northern IA	86	73	34	168	49	61	33	50
231	U. of St. Thomas (St. Paul, MN)	0	0	94	167	0	0	94	167
232	Williams C.	133 i	134 i	153 i	164 i	25 i	34 i	41 i	32 i
233	Colgate U.	75	101	95	159	0	0	0	79
234	Colby C.	11	115	171	146	0	115	168	146
235	Middle TN State U.	262	90	55	146	261	43	44	132
236	Millersville U. PA	110 i	120 i	130 i	146	88 i	96 i	104 i	117
237	U. MS all campuses	192	192	48	144	177	167	47	127
238	CUNY Queens C.	375	206	45	143	350	206	32	121
239	Dowling C.	ne	ne	ne	143	ne	ne	ne	129
240	U. MT-Missoula, The	824	155	171	138	700	97	148	129
241	MT State U. Bozeman	224	174	419	133	144	85	58	123
242	Clarkson U.	0	0 i	0	132	0	0 i	0	61
243	U. South FL	0	478	187	132	0	0	0	0
244	Grinnell C.	0	35	32	130	0	0	0	50
245	East TN State U.	127	130	128	129	45	121	83	102
246	U. Houston-Clear Lake	258	177	49	128	59	105	19	15

TABLE 47. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2007 total: FY 2004–07  
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2004	2005	2006	2007	2004	2005	2006	2007
247	C. Charleston	37	64	69	121	4	26	39	98
248	Ithaca C.	0	0	140	119	0	0	140	119
249	Vassar C.	28 i	25 i	103	118	11 i	18	103	118
250	Central State U.	99 i	79	116	116	99 i	79	116	116
251	U. ND all campuses	230	80	27	113	160	29	0	24
252	Bradley U.	125	20	23	109	123	16	0	0
253	Southern U. and A&M C. all campuses	0	0 i	54	109	0	0 i	54	69
254	U. North FL	88	131	175	109	0	0	0	32
255	U. Miami	0	75	76	106	0	74	76	106
256	U.S. Naval Academy	224	196	268	105	224	196	268	75
257	Governors State U.	0 i	0	53	104	0 i	0	53	104
258	Kennesaw State U.	40	0	175	104	0	0	138	0
259	U. IL Springfield	0	0	0	104	0	0	0	104
260	U. WI La Crosse	294	297	247	103	217	265	131	103
261	CUNY Herbert H. Lehman C.	164	84	235	102	161	84	231	0
262	Augsburg C.	107	95	76	99	107	95	76	99
263	Appalachian State U.	8	1	13	94	0	0	0	89
264	OR Institute of Technology	428	130	206	93	329	107	88	42
265	Union C. (Schenectady, NY)	112	73	48	91	4	0	1	54
266	CA State U. Chico	1,118 i	85	90 i	90 i	443 i	85	90 i	90 i
267	American U.	0	0	55	80	0	0	55	57
268	Wichita State U.	221	101	61	77	164	72	59	59
269	Augustana C. (Sioux Falls, SD)	69	106	18	73	69	53	18	73
270	Bowling Green State U. all campuses	22	490	180	72	0	415	137	59
271	SUNY C. Oswego	195	45	1	68	123	45	0	0
272	Macalester C.	114	67	54	67	0	0	0	0
273	U. NC Wilmington	0	243	420	65	0	213	120	32
274	GA Southern U.	0	36	31	64	0	35	28	13
275	U. Houston-Downtown	325	73	58	64	192	70	0	14
276	Fordham U.	0	0	114	63	0	0	0	0
277	Morgan State U.	340	323	50	61	340	286	41	32
278	Santa Clara U.	ne	60 i	61 i	61 i	ne	60 i	61 i	61 i
279	Western KY U.	0	9	43	59	0	0	40	59
280	Lewis and Clark C.	52	85	101	58	0	0	16	12
281	U. San Francisco	0	77	27	57	0	59	15	0
282	U. TX-Pan American	468	414	188	57	468	414	169	38
283	CA State U. Long Beach	21	14	767	56	21	8	767	56
284	Southern Polytechnic State U.	ne	ne	ne	53	ne	ne	ne	41
285	U. South AL	138	121	5	52	0	0	0	0
286	Georgetown U.	227	250	12	51	217	250	11	46
287	Washington and Lee U.	46 i	50	29	51	46 i	50	29	51
288	Dickinson C.	8	8	0	50	8	8	0	44
289	Eastern MI U.	11	0	34	50	0	0	0	0
290	San Francisco State U.	0 i	116	238	50	0 i	79	225	50
291	Evergreen State C.	46	107	75	47	46	107	75	47
292	Lamar U.	39	50	17	47	28	40	7	12
293	Morehouse C.	76 i	32	16	44	76 i	32	16	44
294	St. Cloud State U.	80	51	28	44	0	0	0	0
295	Lake Forest C.	0	0	46	39	0	0	0	0

TABLE 47. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2007 total: FY 2004–07  
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2004	2005	2006	2007	2004	2005	2006	2007
296	Mills C.	ne	ne	38 i	39 i	ne	ne	38 i	39 i
297	Pace U. all campuses	30	15	0	37	18	15	0	22
298	U. AL Birmingham, The	807	271	444	37	728	261	274	37
299	U. PR Rio Piedras Campus	5	72	10	37	0	0	0	0
300	Miles C.	ne	ne	ne	36	ne	ne	ne	36
301	MN State U. Mankato	149 i	20	98	36	8 i	14	6	0
302	Northern AZ U.	286	42	64	36	145	33	23	4
303	Prairie View A&M U.	1,139	131	89	35	1,139	131	89	12
304	Benedict C.	0	0	42	34	0	0	42	34
305	Montclair State U.	81 i	68 i	28 i	34 i	0 i	0 i	0 i	0 i
306	CA State U. East Bay	161 i	8	0	33	134 i	0	0	0
307	Calvin C.	168	100	48	33	146	14	0	3
308	Northern KY U.	29	70	30	33	0	0	0	0
309	U. LA Monroe	83	0	0	33	0	0	0	0
310	Claremont McKenna C.	ne	ne	ne	31 i	ne	ne	ne	31 i
311	Trinity C. (Hartford, CT)	6	19	55	31	6	19	54	30
312	U. Akron all campuses	177	14	4	31	119	0	0	0
313	U. Toledo	0	0	0	31	0	0	0	14
314	CA State U. Bakersfield	282 i	200	110	30	71 i	200	0	0
315	SUNY C. Brockport	0	0	0	30	0	0	0	30
316	Bowdoin C.	36	59	52	29	35	57	45	29
317	SUNY C. Geneseo	27	172	112	29	22	172	112	27
318	Teachers C. Columbia U.	0	90	100	29	0	38	1	0
319	Furman U.	39	41	57	28	32	37	51	24
320	U. West GA	28	28	28	28	28	28	28	28
321	Trinity U.	0	0	0	27	0	0	0	27
322	Auburn U. all campuses	235	285	13	26	44	10	13	4
323	U. WI Oshkosh	1	25	24	26	1	21	22	21
324	CUNY John Jay C. of Criminal Justice	74	51	17	25	0	0	0	0
325	McNeese State U.	0	0	23	25	0	0	0	0
326	AR State U. main campus	0	0	1	24	0	0	1	17
327	Haverford C.	39 i	30 i	19 i	23 i	35 i	28 i	17 i	21 i
328	Tarleton State U.	0	30	3	23	0	30	0	0
329	Hamilton C. (Clinton, NY)	0	0	12	21	0	0	12	0
330	Hampton U.	0	0	0	21	0	0	0	21
331	SD State U.	53	18	22	20	14	18	22	18
332	Troy U. main campus	ne	ne	37	20	ne	ne	36	0
333	IL State U.	119	63	54	19	0	0	0	0
334	Central MI U.	57	23	11	18	0	0	0	0
335	TN State U.	251	52	36	18	251	44	23	14
336	C. NJ, The	197 i	159 i	12	17	68 i	47 i	0	0
337	CT C.	5 i	4	3	17	5 i	4	3	17
338	TX A&M U. System Health Science Ctr.	0	0	0	15	0	0	0	6
339	Southern OR U.	20	16	7	14	0	0	0	0
340	Bard C.	ne	3 i	ne	13 i	ne	3 i	ne	13 i
341	Hampshire C.	414	208	17	13	414	208	17	13
342	Saginaw Valley State U.	3	11	17	13	0	7	0	0
343	U. of the South	ne	30	42	12	ne	25	39	10
344	Drake U.	0	0	0	11	0	0	0	0
345	Loyola U. New Orleans	2 i	2	2	10	0 i	0	0	0

TABLE 47. Total and federally financed R&D expenditures in the computer sciences at universities and colleges, ranked by FY 2007 total: FY 2004–07  
(Dollars in thousands)

Rank	Institution	Total				Federally financed			
		2004	2005	2006	2007	2004	2005	2006	2007
346	SD School of Mines and Technology	0	0	8	10	0	0	8	10
347	Southwest MO State U.	0	5	0	10	0	0	0	10
348	U. WI Eau Claire	36	93	5	10	35	93	5	9
349	U. WI Green Bay	6	11	6	9	0	0	0	0
350	U. WI Parkside	30	143	21	9	30	143	13	0
351	Allegheny C.	0	0	0	8	0	0	0	0
352	Kalamazoo C.	2	11	2	8	0	0	0	0
353	U. of the Pacific	0	0	0	8	0	0	0	8
354	FL Gulf Coast U.	0	0	0	7	0	0	0	7
355	Marshall U.	0	0	36	7	0	0	0	0
356	TX Christian U.	41	46	34	7	41	44	34	7
357	Angelo State U.	ne	ne	15 i	6	ne	ne	5 i	0
358	CUNY York C.	0	3	4	6	0	0	0	0
359	Gettysburg C.	ne	5	6	6	ne	0	0	0
360	Sarah Lawrence C.	ne	ne	0	6	ne	ne	0	6
361	Youngstown State U.	0	0	1	6	0	0	0	0
362	CA State U. Fresno	0	0	15	5 i	0	0	0	0 i
363	CA State U. Monterey Bay	63	237	30	5	55	218	27	0
364	Cleveland State U.	92	45	53	5	60	23	23	0
365	CUNY Baruch C.	3	2	0	5	0	0	0	0
366	DePauw U.	5 i	5 i	5 i	5 i	5 i	5 i	5 i	5 i
367	Edward Waters C.	ne	ne	ne	5 i	ne	ne	ne	0 i
368	Fairleigh Dickinson U. all campuses	ne	ne	ne	5 i	ne	ne	ne	0 i
369	Mercy C.	ne	28 i	0	5	ne	0 i	0	5
370	Morehead State U.	8	15	0	5	0	0	0	0
371	Seattle Pacific U.	ne	ne	ne	5 i	ne	ne	ne	0 i
372	U. MO-Kansas City	477	159	106	5	297	158	102	0
373	Hofstra U.	0 i	0 i	5	4	0 i	0 i	3	0
374	Indiana U. PA all campuses	222	108	9	4	216	102	9	0
375	William Paterson U. NJ	ne	ne	ne	4 i	ne	ne	ne	3 i
376	Siena C.	ne	ne	4 i	3 i	ne	ne	4 i	3 i
377	VA Commonwealth U.	72	30	0	3	0	0	0	0
378	CUNY C. Staten Island	0	25	0	2	0	0	0	0
379	Western IL U.	0	2	0	2	0	0	0	0
380	Swarthmore C.	34	22	4	1	31	19	4	0
	All other surveyed institutions	5,690	4,830	1,402	0	4,921	3,973	804	0

e = estimated; data were not provided by institution; prior-year data were used or current-year estimates were reported. i = imputed. ne = not eligible; institution did not meet the criteria for inclusion.

<sup>a</sup> The Johns Hopkins University includes the Applied Physics Laboratory, with \$73,477 in total and \$72,985 in federally financed R&D expenditures in the computer sciences in FY 2007.

NOTES: Institutions reporting zero expenditures in the ranked total for FY 2007 are not included in this table. 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 2007.