

**Table B-36. R&D expenditures at public universities and colleges,
by source of funds: fiscal year 1998**

[Dollars in thousands]

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Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
Total, all institutions	17,391,022	9,016,467	1,757,863	1,267,036	4,218,736	1,130,920
1 University of Michigan	496,761	311,450	3,962	33,029	107,004	41,316
2 U CA Los Angeles	447,367	233,702	8,676	27,817	114,359	62,813
3 U WI Madison	443,695	240,513	38,627	14,371	97,481	52,703
4 U of Washington	432,383	336,748	9,314	38,370	40,182	7,769
5 U CA Berkeley	420,435	171,135	47,961	20,483	144,016	36,840
6 U CA San Diego	418,790	262,303	19,548	26,814	70,535	39,590
7 Texas A&M University	393,720	144,938	90,685	33,674	117,593	6,830
8 U CA San Francisco	379,970	219,912	16,024	34,267	64,241	45,526
9 Pennsylvania State U	362,643	186,274	13,075	63,319	99,975	0
10 University of Minnesota	360,323	204,741	47,080	24,094	55,465	28,943
Total, 1st 10 institutions	4,156,087	2,311,716	294,952	316,238	910,851	322,330
11 U of Illinois Urbana	338,841	168,871	35,493	13,917	106,797	13,763
12 University of Colorado	311,203	228,342	5,139	9,963	32,795	34,964
13 University of Arizona	302,328	161,999	8,874	16,392	103,059	12,004
14 Ohio State University	301,518	124,177	53,987	40,401	59,746	23,207
15 U CA Davis	288,796	114,912	19,249	14,077	117,639	22,919
16 University of Florida	274,862	106,510	56,713	21,393	79,558	10,688
17 Georgia Institute of Tech	259,233	113,643	13,400	58,377	73,813	0
18 NC State University	254,254	79,533	88,497	31,429	49,831	4,964
19 U TX Austin	244,843	165,082	15,094	31,326	28,445	4,896
20 U of NC Chapel Hill	235,296	171,505	29,691	4,860	29,240	0
Total, 1st 20 institutions	6,967,261	3,746,290	621,089	558,373	1,591,774	449,735
21 U of Alabama Birmingham	227,720	166,830	614	16,842	18,086	25,348
22 U MD College Park	223,190	129,198	37,382	2,127	48,705	5,778
23 University of Georgia	217,945	54,712	42,801	10,534	108,701	1,197
24 Purdue University	216,479	92,844	23,614	26,988	72,735	298
25 University of Pittsburgh	213,842	168,511	534	10,436	19,163	15,198
26 Louisiana St U, All Camp	208,928	67,090	69,790	12,157	45,479	14,412
27 U of Iowa	199,063	115,312	5,898	17,262	45,687	14,904
28 Rutgers the State U NJ	197,053	69,829	23,662	9,038	78,879	15,645
29 Michigan State University	193,611	81,146	35,752	7,250	61,514	7,949
30 Indiana University	171,754	95,840	1,683	6,333	48,713	19,185
Total, 1st 30 institutions	9,036,846	4,787,602	862,819	677,340	2,139,436	569,649
31 VA Polytech Inst & St U	167,118	82,734	32,883	12,132	35,379	3,990
32 University of Kentucky	161,346	60,760	12,762	13,668	71,635	2,521
33 University of Cincinnati	159,695	90,307	4,256	24,388	35,241	5,503
34 Iowa State University	156,766	51,196	46,802	13,717	41,836	3,215
35 U TX SW Med Ctr Dallas	153,711	97,200	5,601	13,926	839	36,145
36 University of IL Chicago	151,739	73,797	3,262	9,424	54,353	10,903
37 SUNY Buffalo	151,650	76,037	3,913	3,021	39,879	28,800
38 U of Tennessee System	150,694	69,793	27,176	12,551	28,297	12,877
39 Univ of Hawaii Manoa	148,007	86,886	37,002	10,949	13,170	0
40 U of MD Baltimore	143,321	78,037	19,311	20,783	12,209	12,981
Total, 1st 40 institutions	10,580,893	5,554,349	1,055,787	811,899	2,472,274	686,584
41 University of Utah	142,956	100,722	856	10,007	23,498	7,873
42 SUNY Stony Brook	141,766	91,531	2,241	6,908	34,179	6,907
43 U TX MD Anderson Cntr	141,260	63,074	0	0	48,260	29,926
44 Colorado State University	140,179	80,451	19,168	6,155	34,271	134
45 Wayne State University	138,456	57,646	12,978	11,207	41,231	15,394
46 Oregon State University	138,240	82,416	28,017	518	14,558	12,731
47 U of Missouri Columbia	136,061	45,448	16,978	4,348	63,165	6,122
48 University of Connecticut	134,448	53,189	11,902	9,905	49,404	10,048
49 University of Virginia	133,049	93,328	4,159	12,400	11,810	11,352
50 U CA Irvine	130,415	65,902	5,700	15,712	27,607	15,494
Total, 1st 50 institutions	11,957,723	6,288,056	1,157,786	889,059	2,820,257	802,565

See explanatory information and SOURCE at end of table.

**Table B-36. R&D expenditures at public universities and colleges,
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[Dollars in thousands]

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Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
51 University of Oklahoma	126,861	54,451	13,063	7,661	37,494	14,192
52 University of New Mexico	125,910	84,365	3,490	3,331	30,492	4,232
53 U of Nebraska Lincoln	118,857e	41,888e	39,208e	4,721e	31,243e	1,797e
54 University of Kansas	117,115	50,567	9,662	8,281	35,467	13,138
55 U Med & Dent NJ	114,491	59,828	6,242	8,841	28,983	10,597
56 Oregon Health Sciences U ...	105,208 i	71,054 i	3,206 i	7,680 i	14,534 i	8,734 i
57 U of South Florida	104,325	35,930	7,833	5,397	44,613	10,552
58 UT-Houston Hlth Sci Ctr	101,993	70,446	818	11,106	6,626	12,997
59 Mississippi State U	100,410	42,004	24,227	7,470	26,709	0
60 U CA Santa Barbara	96,034	68,408	1,789	3,666	15,789	6,382
Total, 1st 60 institutions	13,068,927	6,866,997	1,267,324	957,213	3,092,207	885,186
61 Washington State U	95,422	44,510	3,302	3,158	34,430	10,022
62 Florida State University	94,463	50,451	1,659	1,159	36,595	4,599
63 Utah State University	94,228	54,903	16,424	2,744	18,005	2,152
64 U of South Carolina	92,785	42,586	4,390	2,022	40,891	2,896
65 Arizona State University	92,019	41,359	1,628	4,609	41,121	3,302
66 Clemson University	90,150	28,199	20,835	6,641	29,689	4,786
67 U MA Amherst	89,970	43,196	7,072	6,236	26,967	6,499
68 Auburn University	87,768	27,706	1,312	4,452	50,639	3,659
69 U TX Med Br Galveston	86,488	48,588	11,506	5,319	10,341	10,734
70 U TX Hlth Sci Ctr San Ant	85,407	55,004	6,638	10,845	8,138	4,782
Total, 1st 70 institutions	13,977,627	7,303,499	1,342,090	1,004,398	3,389,023	938,617
71 U MA Worcester	82,950	53,766	15,811	2,631	6,495	4,247
72 Kansas State University	81,233	27,001	32,599	3,445	15,799	2,389
73 Virginia Commonwealth U	80,538	48,167	3,440	8,478	15,552	4,901
74 U CA Riverside	79,775	22,988	4,419	2,001	42,729	7,638
75 New Mexico State Univ	77,370	56,587	7,165	2,843	10,014	761
76 U of Alaska Fairbanks	75,606	31,505	3,680	16,081	24,340	0
77 U Arkansas Main	71,686	16,156	31,935	5,145	15,523	2,927
78 Oklahoma State University ...	71,466	23,220	23,412	2,887	21,381	566
79 University of Delaware	69,896	33,688	4,600	3,859	19,222	8,527
80 Temple University	63,024	28,793	933	8,855	19,831	4,612
Total, 1st 80 institutions	14,731,171	7,645,370	1,470,084	1,060,623	3,579,909	975,185
81 West Virginia University	62,362	24,985	2,954	4,547	25,951	3,925
82 University of Idaho	58,967	18,352	19,069	6,496	14,252	798
83 University of Vermont	57,832	31,460	2,648	5,513	11,920	6,291
84 U CA Santa Cruz	56,533	29,849	1,665	1,458	18,800	4,761
85 Med U of South Carolina	55,937	36,473	1,844	2,737	11,993	2,890
86 Texas Tech University	53,126	17,481	15,896	5,549	11,466	2,734
87 U of New Hampshire	52,359	25,913	5,473	3,635	9,064	8,274
88 Montana St U Bozeman	52,292	23,982	12,517 i	7,378 i	8,415 i	0 i
89 U PR Mayaguez	51,181	21,903	21,975	2,701	2,800	1,802
90 SUNY Albany	50,568	33,894	2,909	1,426	5,083	7,256
Total, 1st 90 institutions	15,282,328	7,909,662	1,557,034	1,102,063	3,699,653	1,013,916
91 U of NE Med Ctr Omaha	50,453	15,663	6,055	5,471	20,070	3,194
92 University of Wyoming	48,500	17,806	5,366	3,114	21,275	939
93 U of Nevada Reno	45,476	20,383	1,485	1,394	19,624	2,590
94 University of Houston	42,297	22,018	9,249	1,707	5,428	3,895
95 San Diego St University	41,915	19,721	3,156	853	13,459	4,726
96 NJ Inst of Technology	40,982	21,127	6,968	1,258	10,854	775
97 North Dakota State U	40,007	9,787	1,068	1,449	25,558	2,145
98 Medical Col of Georgia	39,806	13,127	1,415	3,072	20,493	1,699
99 U Arkansas Medical Sci	39,487	21,857	543	3,040	9,820	4,227
100 University of Louisville	39,147	15,067	1,492	4,800	11,566	6,222
Total, 1st 100 institutions	15,710,398	8,086,218	1,593,831	1,128,221	3,857,800	1,044,328

See explanatory information and SOURCE at end of table.

**Table B-36. R&D expenditures at public universities and colleges,
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[Dollars in thousands]

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Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
101 U of Rhode Island	37,940	33,308	2,800	442	1,390	0
102 U of Alabama Huntsville	36,946	23,772	1,300	5,883	5,991	0
103 U of Central Florida	35,530	13,502	4,329	4,019	13,680	0
104 US Naval Postgrad School ...	34,095	33,308	210	287	0	290
105 University of Oregon	33,315	27,041	247	135	3,625	2,267
106 U of Maine	33,106	13,028	1,796	7,074	10,810	398
107 U MD Biotechnology Inst	31,861	11,789	581	986	15,955	2,550
108 Georgia State University	31,153	11,284	4,144	832	13,397	1,496
109 Sthm IL U Carbondale	30,490	7,801	7,114	2,306	10,325	2,944
110 U Mississippi, All Camp	28,079	16,463	4,293	1,887	3,505	1,931
Total, 1st 110 institutions	16,042,913	8,277,514	1,620,645	1,152,072	3,936,478	1,056,204
111 SUNY Hlth Sci Ctr Brklyn	27,517	18,318	36	3,045	4,136	1,982
112 Michigan Tech University	26,522	13,938	1,417	3,747	5,738	1,682
113 Col of William & Mary	25,966	11,097	2,963	571	10,790	545
114 U of Southwestern LA	24,768	5,834	2,321	0	15,446	1,167
115 The University of Alabama ...	24,043	14,909	2,818	1,301	5,011	4
116 U MD Ctr for Environ Sci	24,038	7,440	3,017	79	11,082	2,420
117 NM Inst Mining & Tech	22,791	8,959	1,900	6,385	5,274	273
118 George Mason University	22,543	17,268	1,155	210	606	3,304
119 The University of Memphis ...	22,486	5,849	4,497	784	9,831	1,525
120 SUNY Col Env Sci Frstry	22,036	2,715	1,785	1,768	15,242	526
Total, 1st 120 institutions	16,285,623	8,383,841	1,642,554	1,169,962	4,019,634	1,069,632
121 U of Missouri Rolla	21,740	7,934	182	1,361	10,838	1,425
122 Desert Research Institute	21,500	15,400	1,500	1,500	1,500	1,600
123 Ohio University	21,469	10,323	1,862	1,948	6,089	1,247
124 CUNY City College	21,147	14,437	2,910	950	0	2,850
125 San Jose State University	21,005e	11,825e	2,537e	4,324e	1,655e	664e
126 U WI Milwaukee	20,807	8,936	4,192	554	6,039	1,086
127 SUNY Binghamton	20,754	6,205	2,616	2,726	6,848	2,359
128 Colorado School of Mines	20,681	8,694	1,347	9,877	763	0
129 Unif Svcs U of Hlth Sci	20,309	7,547	0	0	12,762	0
130 Old Dominion University	20,150	12,346	3,858	1,974	1,972	0
Total, 1st 130 institutions	16,495,185	8,487,488	1,663,558	1,195,176	4,068,100	1,080,863
131 The University of Montana	20,133	11,748	1,267	1,059	5,020	1,039
132 U PR Med Sci Campus	19,830	11,843	57	2,548	5,382	0
133 Wright State University	19,676	10,832	1,756	1,325	5,378	385
134 U MA Lowell	19,372	12,259	530	5,099	1,484	0
135 U TX Arlington	19,075	11,294	1,833	2,642	3,306	0
136 Florida A&M University	19,066	15,726	3,340	0	0	0
137 U MD Baltimore County	18,155	12,618	1,553	2,858	1,126	0
138 Florida International U	17,880	14,243	1,474	559	1,171	433
139 Univ of North Dakota	16,938	13,404	55	2,357	533	589
140 U of Nevada Las Vegas	16,912	9,713	1,548	2,461	3,190	0
Total, 1st 140 institutions	16,682,222	8,611,168	1,676,971	1,216,084	4,094,690	1,083,309

See explanatory information and SOURCE at end of table.

**Table B-36. R&D expenditures at public universities and colleges,
by source of funds: fiscal year 1998**

[Dollars in thousands]

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Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
141 University of Akron	16,326	4,042	1,296	2,767	5,288	2,933
142 Western Illinois U	15,882	10,867	2,686	315	1,304	710
143 South Dakota State U	15,631	5,812	6,994	443	1,294	1,088
144 U TX Dallas	15,211	8,115	1,538	981	3,346	1,231
145 NC A&T State University	14,816	12,924	46	239	1,229	378
146 Florida Atlantic U	14,265	9,582	702	3,981	0	0
147 Alabama A&M University	14,143	10,518	417	22	2,335	851
148 U TX El Paso	14,092	10,758	1,483	776	1,075	0
149 SUNY Hlth Sci Ctr Syrcse	14,089	6,487	234	241	614	6,513
150 CUNY Hunter College	13,497	6,414	342	571	4,496	1,674
Total, 1st 150 institutions	16,830,174	8,696,687	1,692,709	1,226,420	4,115,671	1,098,687
Total, all other sampled insts	560,848	319,780	65,154	40,616	103,065	32,233

NOTE: Because of rounding, detail may not add to totals.

KEY: -- = not available
e = estimated
i = imputed

SOURCE: National Science Foundation/SRS, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 1998