

**Table B-36. R&D expenditures at public universities and colleges,
by source of funds: fiscal year 1999**

[Dollars in thousands]

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Institution and ranking	Total	Federal govt.	State & local govt.	Industry	Institu- tional funds	Other
Total, all institutions	18,628,230	9,667,129	1,851,683	1,356,583	4,528,550	1,224,285
1 University of Michigan	508,619	334,226	4,810	34,432	103,072	32,079
2 U of Washington	482,659	368,112	11,636	51,319	42,516	9,076
3 U CA Los Angeles	477,620	251,999	10,004	34,404	108,089	73,124
4 U WI-Madison	462,725	249,961	39,308	14,172	102,342	56,942
5 U CA San Diego	461,632	292,007	22,003	31,356	71,671	44,595
6 U CA Berkeley	451,539	191,025	47,551	21,928	149,496	41,539
7 U CA San Francisco	417,095	233,181	19,355	36,830	71,744	55,985
8 Texas A&M University	402,203	149,151	94,660	34,722	115,069	8,601
9 Pennsylvania State U	379,402	199,105	16,069	65,698	98,530	0
10 University of Minnesota	371,384	207,761	49,079	23,933	61,579	29,032
Total, 1st 10 institutions	4,414,878	2,476,528	314,475	348,794	924,108	350,973
11 U of Illinois Urbana-Cham	358,247	185,767	38,122	12,864	106,848	14,646
12 Ohio State University	322,810	135,216	49,569	52,034	59,410	26,581
13 University of Arizona	320,245	178,126	7,842	16,660	104,499	13,118
14 University of Colorado	318,618	244,686	6,199	9,867	25,148e	32,718e
15 U CA Davis	307,950	124,463	22,210	16,242	120,267	24,768
16 University of Florida	304,447	122,296	65,859	28,183	77,719	10,390
17 NC State University	270,621	66,310	97,150	31,478	75,195	488
18 Georgia Institute of Tech	263,725	112,861	13,856	62,752	74,256	0
19 U TX at Austin	258,122	164,913	17,698	39,729	31,220	4,562
20 U MD at College Park	257,628	145,081	44,749	3,053	56,908	7,837
Total, 1st 20 institutions	7,397,291	3,956,247	677,729	621,656	1,655,578	486,081
21 U of NC Chapel Hill	252,767	182,935	14,571	5,886	49,375	0
22 University of Pittsburgh	249,477	194,618	1,413	12,990	22,403	18,053
23 University of Georgia	237,493	56,080	47,128	11,034	121,612	1,639
24 U of Alabama Birmingham	232,115	165,223	1,218	10,181	18,196	37,297
25 Purdue University	226,411	95,708	25,872	28,856	75,824	151
26 Louisiana State U System	225,808	75,831	69,063	13,187	53,522	14,205
27 Rutgers the State U NJ	213,838	75,664	25,334	9,833	85,061	17,946
28 Michigan State University	207,912	89,835	37,257	7,647	65,344	7,829
29 U of Iowa	207,135	122,638	5,191	20,778	48,095	10,433
30 Indiana University	194,790	102,262	1,728	4,820	68,679	17,301
Total, 1st 30 institutions	9,645,037	5,117,041	906,504	746,868	2,263,689	610,935
31 University of IL Chicago	175,093	86,406	5,752	9,683	58,693	14,559
32 University of Kentucky	174,034	66,184	11,297	15,109	78,808	2,636
33 VA Polytech Inst & St U	169,250	75,386	36,738	13,287	39,820	4,019
34 SUNY at Buffalo	166,823	85,490	4,806	5,485	41,885	29,157
35 U TX SW Med Ctr at Dallas	165,520	101,996	5,486	16,197	1,020	40,821
36 Iowa State University	161,301	54,179	47,923	14,905	41,309	2,985
37 U of Tennessee System	158,930	70,187	29,075	15,093	30,396	14,179
38 University of Virginia	157,487	108,495	6,311	12,989	16,056	13,636
39 Univ of Hawaii at Manoa	156,810	93,418	35,111	13,021	15,260	0
40 U TX MD Anderson Cnrc Ctr	155,126	69,413	0	0	50,557	35,156
Total, 1st 40 institutions	11,285,411	5,928,195	1,089,003	862,637	2,637,493	768,083
41 University of Utah	153,843	111,716	2,025	8,951	22,678	8,473
42 University of Cincinnati	153,002	100,325	4,053	5,989	32,880	9,755
43 Colorado State University	150,281	91,943	16,776	7,213	34,342	7
44 U of Missouri Columbia	149,002	53,875	17,031	3,832	67,631	6,633
45 SUNY at Stony Brook	148,982	93,937	3,164	7,416	38,384	6,081
46 Wayne State University	146,832	57,610	12,592	10,660	49,162	16,808
47 University of Oklahoma	142,085	57,589	15,803	7,756	45,402	15,535
48 U CA Irvine	141,842	75,505	4,418	16,539	28,079	17,301
49 U of MD Baltimore	140,903	84,516	24,396	11,572	9,418	11,001
50 Oregon State University	139,285	81,649	28,847	211	24,395	4,183
Total, 1st 50 institutions	12,751,468	6,736,860	1,218,108	942,776	2,989,864	863,860

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 govt.	Industry	Institu- tional funds	Other
51 University of Connecticut	134,986	55,496	10,224	10,355	48,089	10,822
52 University of Kansas	132,752	57,272	11,363	14,393	36,465	13,259
53 U of Nebraska at Lincoln	131,046	36,977	4,297	5,466	77,554	6,752
54 U Med & Dent of NJ	126,277	61,730	8,406	10,736	35,051	10,354
55 U of South Florida	123,961	42,005	7,499	6,236	57,058	11,163
56 University of New Mexico	115,850	84,976	2,307	2,940	21,869	3,758
57 Oregon Health Sciences U	112,197 i	76,033 i	3,366 i	7,854 i	15,483 i	9,461 i
58 Mississippi State U	110,896	46,528	26,461	7,892	30,015	0
59 Arizona State University	107,184	53,905	2,116	4,267	44,231	2,665
60 U of South Carolina	105,835	48,490	3,649	2,176	47,497	4,023
Total, 1st 60 institutions	13,952,452	7,300,272	1,297,796	1,015,091	3,403,176	936,117
61 UT Houston Hlth Sci Ctr	105,307	71,288	1,594	12,872	6,183	13,370
62 U CA Santa Barbara	104,561	74,026	1,823	4,742	15,781	8,189
63 Clemson University	99,341	27,064	21,063	8,445	38,341	4,428
64 Florida State University	97,673	55,666	1,947	988	36,736	2,336
65 Washington State U	96,943	44,610	3,583	3,158	34,556	11,036
66 Utah State University	95,364	54,433	16,547	3,998	16,784	3,602
67 U TX Med Br at Galveston	93,580	55,061	9,686	6,366	11,043	11,424
68 U of Alaska Fairbanks	88,825	34,647	3,913	19,340	30,908	17
69 U TX San An Hlth Sci Ctr	87,804	56,904	6,713	10,777	7,899	5,511
70 U MA Amherst	86,576	39,877	6,354	5,796	27,796	6,753
Total, 1st 70 institutions	14,908,426	7,813,848	1,371,019	1,091,573	3,629,203	1,002,783
71 Kansas State University	85,580	28,102	34,451	3,746	16,141	3,140
72 Oklahoma State University	83,108	23,179	24,896	3,447	30,459	1,127
73 U MA Worcester	83,040	55,516	18,308	4,265	0	4,951
74 Auburn University	80,544	27,058	782	3,649	44,944	4,111
75 New Mexico State Univ	79,877	56,875	7,832	2,892	11,274	1,004
76 Virginia Commonwealth U	79,785	48,175	2,391	8,062	16,279	4,878
77 U CA Riverside	75,821	19,994	3,319	3,893	40,525	8,090
78 University of Delaware	73,521	34,628	5,310	4,152	19,401	10,030
79 Temple University	66,777	29,734	135	1,284	25,380	10,244
80 SUNY at Albany	64,278	46,242	4,135	1,337	5,780	6,784
Total, 1st 80 institutions	15,680,757	8,183,351	1,472,578	1,128,300	3,839,386	1,057,142
81 University of Vermont	64,049	36,085	2,718	7,112	11,896	6,238
82 West Virginia University	63,392	26,264	3,149	5,532	24,203	4,244
83 University of Idaho	62,531	24,263	14,322	1,903	15,042	7,001
84 U Arkansas Main	61,585	15,851	30,966	6,198	5,228	3,342
85 Texas Tech University	58,488	20,242	16,358	5,682	12,577	3,629
86 U of New Hampshire	57,613	30,586	6,267	4,395	9,157	7,208
87 University of Louisville	57,051	15,536	1,144	6,100	28,159	6,112
88 Med U of South Carolina	55,819	30,997	1,881	2,202	14,986	5,753
89 U PR Mayaguez Campus	55,648	23,784	23,845	2,771	4,774	474
90 Montana St U Bozeman	55,475	26,231	12,661	7,079	9,504	0
Total, 1st 90 institutions	16,272,408	8,433,190	1,585,889	1,177,274	3,974,912	1,101,143
91 U of NE Med Ctr	54,205	17,167	4,970	5,445	20,126	6,497
92 U CA Santa Cruz	52,902	25,084	1,846	1,094	18,856	6,022
93 U of Nevada Reno	47,939	24,587	1,271	1,374	18,154	2,553
94 University of Wyoming	47,197	19,109	2,730	3,206	20,648	1,504
95 San Diego St University	45,579	19,724	5,113	1,021	15,344	4,377
96 North Dakota State U	44,696	12,308	1,938	1,300	27,310	1,840
97 U of Rhode Island	44,452	36,207	4,390	1,095	2,459	301
98 U Arkansas Medical Sci	44,066	26,392	793	3,889	9,237	3,755
99 University of Houston	43,370	20,443	10,121	1,762	6,704	4,340
100 U of Central Florida	42,466	16,048	5,303	4,873	16,242	0
Total, 1st 100 institutions	16,739,280	8,650,259	1,624,364	1,202,333	4,129,992	1,132,332

See explanatory information and SOURCE at end of table.

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[Dollars in thousands]

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Institution and ranking	Total	Federal govt.	State & local govt.	Industry	Institu- tional funds	Other
101 U of Maine	41,452	19,163	1,389	2,324	16,326	2,250
102 Medical Col of Georgia	41,103	13,991	916	3,603	20,982	1,611
103 NJ Inst of Technology	40,982	21,127	6,968	1,258	10,854	775
104 U of Alabama Huntsville	40,203	25,166	1,456	5,071	8,510	0
105 Eastern Kentucky U	36,708	7,403	28,838	431	36	0
106 Georgia State University	36,523	14,310	5,304	1,075	13,453	2,381
107 US Naval Postgrad School	34,095e	33,308e	210e	287e	0e	290e
108 Sthrn IL U Carbondale	33,169	7,660	8,305	2,462	11,275	3,467
109 University of Oregon	32,695	27,336	383	131	3,429	1,416
110 Col of William & Mary	31,322	11,892	3,072	1,178	14,206	974
Total, 1st 110 institutions	17,107,532	8,831,615	1,681,205	1,220,153	4,229,063	1,145,496
111 CA St U Long Beach	31,283	11,929	13,916	722	3,166	1,550
112 U MD Biotechnology Inst	31,172	13,911	499	848	13,721	2,193
113 U of LA at Lafayette	30,735	9,430	4,488	7,278	8,278	1,261
114 Univ of Alabama, The	28,909	17,601	4,375	1,577	5,356	0
115 SUNY Hlth Sci Ctr Brklyn	28,840	21,053	137	2,261	3,438	1,951
116 Michigan Tech University	28,074	16,107	1,154	3,578	5,818	1,417
117 U MD Ctr for Environ Sci	26,816	8,116	3,637	108	12,372	2,583
118 George Mason University	26,766	19,492	1,669	297	1,178	4,130
119 NM Inst Mining & Tech	26,061	10,719	2,103	7,034	6,117	88
120 U of Missouri Rolla	25,893	8,731	446	2,079	12,996	1,641
Total, 1st 120 institutions	17,392,081	8,968,704	1,713,629	1,245,935	4,301,503	1,162,310
121 SUNY Col Env Sci Frstry	25,385	3,874	2,908	2,037	16,033	533
122 Florida International U	25,061	15,757	6,033	729	1,890	652
123 Univ of Montana, The	24,372	14,627	1,058	1,247	6,024	1,416
124 Univ of Memphis, The	24,280	6,364	5,298	710	10,039	1,869
125 Desert Research Institute	23,376	16,552	2,193	1,226	1,982	1,423
126 Wright State University	23,131	12,365	1,884	1,717	7,006	159
127 Old Dominion University	23,030	13,706	4,035	2,787	2,502	0
128 Unif Svcs U of Hlth Sci	22,898	9,696	0	0	13,202	0
129 U WI-Milwaukee	22,207	9,409	4,510	535	6,534	1,219
130 U TX at El Paso	21,961	18,292	2,709	697	263	0
Total, 1st 130 institutions	17,627,782	9,089,346	1,744,257	1,257,620	4,366,978	1,169,581
131 U MD Baltimore County	21,854	15,624	1,576	2,649	1,714	291
132 Colorado School of Mines	21,715	10,704	1,570	9,292	149	0
133 Florida A&M University	21,622	20,693	929	0	0	0
134 Ohio University	21,437	10,544	1,444	2,843	5,916	690
135 San Jose State University	21,005e	11,825e	2,537e	4,324e	1,655e	664e
136 U of Nevada Las Vegas	20,170	10,248	1,978	2,596	5,348	0
137 U MA Lowell	19,413	10,354	1,156	6,234	1,669	0
138 SUNY at Binghamton	17,998	5,761	2,514	3,584	4,881	1,258
139 U Mississippi, All Camp	17,298	9,952	4,153	682	1,792	719
140 Florida Atlantic U	17,151	11,036	434	5,681	0	0
Total, 1st 140 institutions	17,827,445	9,206,087	1,762,548	1,295,505	4,390,102	1,173,203

See explanatory information and SOURCE at end of table.

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[Dollars in thousands]

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Institution and ranking	Total	Federal govt.	State & local govt.	Industry	Institu- tional funds	Other
141 U PR Med Sci Campus	17,114	13,971	44	602	2,303	194
142 Univ of North Dakota	16,999	13,615	27	2,308	472	577
143 University of Akron	16,279	7,140	882	2,150	4,009	2,098
144 U Southern Mississippi	16,211	14,124	524	996	567	0
145 U TX at Dallas	16,028	7,700	1,445	1,336	3,767	1,780
146 CUNY Hunter College	15,934	7,526	915	189	4,896	2,408
147 South Dakota State U	15,599	6,086	6,951	234	1,269	1,059
148 SUNY Upstate Med U	15,099	7,889	257	272	717	5,964
149 NC A&T State University	14,741	12,454	33	383	1,581	290
150 Wichita State University	14,555	3,260	4,486	1,043	5,573	193
Total, 1st 150 institutions	17,986,004	9,299,852	1,778,112	1,305,018	4,415,256	1,187,766
Total, all other sampled institutions	642,226	367,277	73,571	51,565	113,294	36,519

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

KEY: e = estimated
i = imputed

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 1999