

**Table B-35. R&D expenditures at universities and colleges,
by source of funds: fiscal year 2000**

[Dollars in thousands]

Page 1 of 5

Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
Total, all institutions	30,062,371	17,493,473	2,204,263	2,178,252	5,924,491	2,261,892
1 Johns Hopkins U ¹	901,156	793,266	2,391	15,751	46,940	42,808
2 U WI-Madison	554,361	278,629	40,189	16,127	161,132	58,284
3 University of Michigan	551,556	364,033	4,561	35,515	108,532	38,915
4 U CA Los Angeles	530,826	274,162	17,864	33,427	118,456	86,917
5 U of Washington	529,342	389,622	9,984	57,405	63,123	9,208
6 U CA San Diego	518,559	326,037	23,691	34,541	87,632	46,658
7 U CA Berkeley	518,514	208,338	65,354	27,851	168,025	48,946
8 Stanford University	454,780	367,127	5,710	41,269	19,286	21,388
9 U CA San Francisco	443,013	248,878	22,435	34,964	71,199	65,537
10 U of Pennsylvania	430,389	312,434	1,830	32,632	40,981	42,512
Total, 1st 10 institutions	5,432,496	3,562,526	194,009	329,482	885,306	461,173
11 Pennsylvania State U	427,575	226,074	18,739	64,393	112,161	6,208
12 MA Institute of Tech	426,299	306,668	197	83,082	9,896	26,456
13 University of Minnesota	411,380	229,958	52,342	26,392	70,330	32,358
14 Cornell University	410,393	229,872	40,177	12,697	85,090	42,557
15 Texas A&M University	397,268	149,639	108,503	31,084	100,119	7,923
16 U of IL Urbana-Champaign	373,024	193,490	45,850	12,693	104,241	16,750
17 U CA Davis	364,789	141,740	31,063	17,891	144,073	30,022
18 Washington University	362,216	254,148	6,956	22,691	40,160	38,261
19 Ohio State University	361,399	132,219	61,978	57,075	79,583	30,544
20 Duke University	356,625	204,180	6,083	109,791	16,752	19,819
Total, 1st 20 institutions	9,323,464	5,630,514	565,897	767,271	1,647,711	712,071
21 University of Colorado	353,528	300,394	2,370	9,291	27,928	13,545
22 University of Arizona	345,090	187,161	8,971	22,412	112,290	14,256
23 Harvard University	341,810	281,699	1,295	12,189	0	46,627
24 Baylor Col of Medicine	334,175	193,249	2,714	17,578	49,443	71,191
25 Columbia U in City of NY	319,693	283,163	1,424	3,362	10,522	21,222
26 University of Florida	313,692	120,374	67,505	34,879	81,678	9,256
27 Georgia Institute of Tech	304,511	126,164	14,932	64,508	98,907	0
28 U of Southern California	300,445	210,872	10,991	25,298	53,284	0
29 Yale University	296,706	232,019	902	14,355	18,304	31,126
30 University of Pittsburgh	294,809	228,155	2,593	14,676	28,037	21,348
Total, 1st 30 institutions	12,527,923	7,793,764	679,594	985,819	2,128,104	940,642
31 NC State University	277,946	77,328	88,120	32,804	73,744	5,950
32 U TX at Austin	272,811	178,889	19,201	24,740	37,883	12,098
33 U of NC Chapel Hill	269,072	194,794	15,247	6,835	52,196	0
34 University of Georgia	258,476	62,678	50,653	12,276	131,109	1,760
35 U MD at College Park	252,429	136,605	48,902	1,028	53,919	11,975
36 Louisiana State U System	251,233	89,007	68,589	15,108	62,279	16,250
37 Northwestern University	245,774	150,238	3,565	12,860	56,937	22,174
38 U of Iowa	236,944	140,764	6,163	17,262	54,967	17,788
39 Purdue University	234,536	92,010	31,155	29,997	81,150	224
40 U of Alabama Birmingham	233,461	175,309	539	7,752	17,902	31,959
Total, 1st 40 institutions	15,060,605	9,091,386	1,011,728	1,146,481	2,750,190	1,060,820
41 Indiana University	227,737	107,577	3,002	5,384	91,578	20,196
42 Michigan State University	227,734	97,112	41,739	11,230	70,185	7,468
43 Rutgers the State U NJ	225,268	79,711	25,762	8,843	86,261	24,691
44 U of MD Baltimore	224,346	91,212	23,731	29,892	35,632	43,879
45 California Inst of Tech	222,666	176,177	2,697	29,619	14,173	0
46 Emory University	206,070	144,914	4,061	7,513	18,901	30,681
47 University of Kentucky	202,392	73,858	19,276	11,213	85,948	12,097
48 University of Rochester	197,335	150,593	10,300	17,595	6,944	11,903
49 U of IL Chicago	195,839	101,943	6,916	11,010	60,691	15,279
50 Case Western Reserve U	193,057	150,586	3,622	5,890	16,605	16,354
Total, 1st 50 institutions	17,183,049	10,265,069	1,152,834	1,284,670	3,237,108	1,243,368

See explanatory information and SOURCE at end of table.

**Table B-35. R&D expenditures at universities and colleges,
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[Dollars in thousands]

Page 2 of 5

Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
51 VA Polytech Inst & St U	192,672	71,127	52,346	14,869	46,654	7,676
52 U TX SW Med Ctr at Dallas	189,216	109,165	11,320	14,861	5,317	48,553
53 SUNY at Buffalo	187,692	96,410	6,692	5,590	48,502	30,498
54 University of Utah	187,661	124,344	2,821	7,940	24,226	28,330
55 New York University	182,205	117,163	1,729	7,767	24,488	31,058
56 U TX MD Anderson Cnrc Ctr ..	182,196	81,872	0	20,271	50,667	29,386
57 Iowa State University	175,558	59,976	49,627	15,075	47,272	3,608
58 University of Virginia	174,522	119,243	6,272	17,266	16,498	15,243
59 University of Cincinnati	172,085	110,475	3,355	5,166	38,254	14,835
60 Vanderbilt University	171,926	129,986	27	4,063	20,681	17,169
Total, 1st 60 institutions	18,998,782	11,284,830	1,287,023	1,397,538	3,559,667	1,469,724
61 University of Chicago	170,678	140,872	3,278	1,462	10,791	14,275
62 U of Tennessee System	163,690	72,059	30,922	12,740	30,537	17,432
63 SUNY at Stony Brook	163,307	96,641	4,355	7,567	48,191	6,553
64 Univ of Hawaii at Manoa	161,300	95,419	35,474	11,158	19,249	0
65 University of Connecticut	161,084	66,144	14,106	13,540	54,002	13,292
66 U of Missouri Columbia	158,861	65,420	17,361	4,007	62,769	9,304
67 U CA Irvine	158,437	88,274	5,259	18,615	27,168	19,121
68 Wayne State University	156,814	64,320	12,366	10,932	49,825	19,371
69 Boston University	154,029	133,730	1,281	8,574	0	10,444
70 Colorado State University	152,279	101,429	19,695	6,519	24,205	431
Total, 1st 70 institutions	20,599,261	12,209,138	1,431,120	1,492,652	3,886,404	1,579,947
71 University of Oklahoma	150,902	60,542	15,418	9,499	54,473	10,970
72 Mt Sinai Sch Med	149,846	98,188	2,989	12,141	17,690	18,838
73 University of Kansas	148,670	68,950	5,486	15,712	46,754	11,768
74 University of Miami	145,795	106,633	1,446	17,028	6,178	14,510
75 U of South Florida	145,397	50,557	6,978	10,873	64,713	12,276
76 U Med & Dent of NJ	140,951	75,318	7,230	10,001	34,912	13,490
77 Oregon State University	140,751	80,398	31,434	141	23,904	4,874
78 Yeshiva University	139,618	101,631	0	0	37,987	0
79 Carnegie Mellon U	137,980	91,191	3,223	21,136	0	22,430
80 U of Nebraska at Lincoln	136,023	37,831	4,640	5,991	80,439	7,122
Total, 1st 80 institutions	22,035,194	12,980,377	1,509,964	1,595,174	4,253,454	1,696,225
81 Princeton University	134,875	74,681	2,574	6,881	34,704	16,035
82 University of New Mexico	133,980	100,442	1,904	1,853	25,321	4,460
83 Georgetown University	133,211	98,836	576	9,795	13,950	10,054
84 Mississippi State U	132,503	53,808	30,317	7,955	40,423	0
85 Oregon Health Sciences U	131,486	109,165	1,956	12,430	0	7,935
86 Rockefeller U. The	124,138	45,211	4,932	2,775	42,054	29,166
87 UT Houston Hlth Sci Ctr	119,587	79,665	2,803	13,029	7,995	16,095
88 U CA Santa Barbara	118,154	80,754	2,375	5,499	18,973	10,553
89 Clemson University	114,903	31,304	24,363	9,768	44,347	5,121
90 Arizona State University	108,117	49,935	4,398	4,700	45,051	4,033
Total, 1st 90 institutions	23,286,148	13,704,178	1,586,162	1,669,859	4,526,272	1,799,677
91 Tufts University	105,783	64,677	1,475	8,118	20,753	10,760
92 Florida State University	105,095	56,830	4,172	693	40,170	3,230
93 Washington State U	104,796	48,441	4,284	4,579	36,280	11,212
94 U of South Carolina	104,398	51,872	4,895	2,822	41,294	3,515
95 U TX Hlth Sci Ctr San Ant	103,824	65,251	9,671	10,707	11,305	6,890
96 Utah State University	103,161	57,378	16,241	7,885	17,370	4,287
97 U of Alaska Fairbanks	102,500	46,605	3,267	19,686	32,937	5
98 U TX Med Br at Galveston	97,896	61,357	8,588	6,146	11,236	10,569
99 U MA Worcester	97,587	64,212	23,474	3,467	0	6,434
100 U MA Amherst	97,052	44,697	6,961	5,535	31,879	7,980
Total, 1st 100 institutions	24,308,240	14,265,498	1,669,190	1,739,497	4,769,496	1,864,559

See explanatory information and SOURCE at end of table.

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[Dollars in thousands]

Page 3 of 5

Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
101 Auburn University	92,612	31,515	221	3,917	52,734	4,225
102 Kansas State University	91,790	31,185	36,300	4,057	17,294	2,954
103 Tulane University	89,785	52,080	2,371	10,340	17,703	7,291
104 Thomas Jefferson U	89,626	67,448	3,229	12,324	1,563	5,062
105 Oklahoma State University	88,285	24,770	25,770	4,076	33,002	667
106 Virginia Commonwealth U	88,220	52,137	2,056	7,495	21,688	4,844
107 Wake Forest University	86,840	65,585	776	15,125	1,172	4,182
108 U CA Riverside	83,580	21,085	3,569	3,345	46,451	9,130
109 SUNY at Albany	82,792	62,059	7,521	622	5,944	6,646
110 Woods Hole Oceanogr Inst	81,547	67,036	244	142	4,104	10,021
Total, 1st 110 institutions	25,183,317	14,740,398	1,751,247	1,800,940	4,971,151	1,919,581
111 Brown University	81,476	49,943	100	1,530	26,742	3,161
112 New Mexico State Univ	79,695	57,073	7,883	3,466	10,232	1,041
113 Dartmouth College	78,874	56,369	2,452	4,274	9,027	6,752
114 University of Delaware	74,711	37,716	4,032	3,757	19,430	9,776
115 U of New Hampshire	72,108	38,921	7,295	4,923	13,897	7,072
116 U of Arkansas Main	70,817	20,778	32,860	4,746	9,155	3,278
117 Medical Col of Wisconsin	70,581	55,034	1	1,931	6,905	6,710
118 George Washington U	69,300	49,627	2,649	4,220	4	12,800
119 Texas Tech University	68,224	21,481	21,164	5,946	15,621	4,012
120 Rush University	68,189	32,573	508	8,762	22,700	3,646
Total, 1st 120 institutions	25,917,292	15,159,913	1,830,191	1,844,495	5,104,864	1,977,829
121 West Virginia University	66,130	28,013	2,620	7,185	23,701	4,611
122 Montana St U Bozeman	65,324	30,564	15,772	8,523	10,465	0
123 Med U of South Carolina	65,243	41,432	2,245	2,880	15,300	3,386
124 University of Louisville	64,062	17,713	1,564	6,532	33,447	4,806
125 University of Vermont	63,391	39,861	3,262	5,713	10,239	4,316
126 University of Idaho	61,347	23,014	16,971	2,764	15,148	3,450
127 U of Nevada Reno	56,248	26,267	1,559	2,557	23,734	2,131
128 U CA Santa Cruz	56,212	25,959	1,232	1,531	20,806	6,684
129 San Diego St University	55,002	22,802	7,290	1,811	17,811	5,288
130 U of Maine	54,821	24,412	5,872	2,899	19,674	1,964
Total, 1st 130 institutions	26,525,072	15,439,950	1,888,578	1,886,890	5,295,189	2,014,465
131 Temple University	52,466	38,213	658	188	6,657	6,750
132 U of Nebraska Med Ctr	51,547	19,878	1,568	5,486	15,360	9,255
133 North Dakota State U	50,063	15,463	2,391	2,044	28,159	2,006
134 U of Arkansas Medical Sci	49,074	29,962	1,012	3,321	10,979	3,800
135 University of Houston	48,902	21,365	13,521	1,689	7,837	4,490
136 U of Rhode Island	48,135	38,538	4,464	1,194	3,501	438
137 NJ Inst of Technology	47,895	17,381	8,187	1,344	1,603	19,380
138 Brandeis University	47,658	26,444	88	0	5,697	15,429
139 U of Central Florida	47,646	13,801	6,734	5,833	21,278	0
140 Medical Col of Georgia	45,596	15,210	736	3,609	23,988	2,053
Total, 1st 140 institutions	27,014,054	15,676,205	1,927,937	1,911,598	5,420,248	2,078,066
141 U Mississippi, All Camp	44,927	28,107	7,488	2,034	4,233	3,065
142 University of Wyoming	43,094	16,556	1,470	2,941	20,103	2,024
143 Rice University	41,840	35,144	1,860	2,858	0	1,978
144 MCP Hahnemann University ..	41,670	27,379	7,990	2,967	157	3,177
145 U of Alabama Huntsville	41,274	25,939	1,528	4,532	9,275	0
146 Rensselaer Polytech Inst	40,762	25,555	5,586	6,581	1,622	1,418
147 Syracuse University	39,468	29,630	1,830	1,210	1,703	5,095
148 University of Dayton	39,345	31,717	520	5,598	1,350	160
149 Naval Postgrad School	37,502 i	36,476 i	234 i	316 i	0 i	476 i
150 Georgia State University	36,600	12,090	5,666	784	14,659	3,401
Total, 1st 150 institutions	27,420,536	15,944,798	1,962,109	1,941,419	5,473,350	2,098,860

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[Dollars in thousands]

Page 4 of 5

Institution and ranking	Total	Federal Govt.	State & local govts.	Industry	Institutional funds	Other
151 S Illinois U Carbondale	36,354	10,130	8,047	2,355	12,231	3,591
152 University of Oregon	35,934	30,793	410	237	2,852	1,642
153 Northeastern University	35,340	26,916	162	3,567	4,143	552
154 U PR Mayaguez Campus	34,683	11,837	14,088	3,971	4,451	336
155 Florida International U	34,649	20,296	8,600	1,843	3,477	433
156 University of Notre Dame	34,524	27,362	102	2,279	4,781	0
157 Col of William & Mary	33,299	13,031	3,113	638	14,467	2,050
158 U of LA Lafayette	32,692	12,164	2,360	0	9,458	8,710
159 CA St U Long Beach	32,551	12,964	13,457	673	3,604	1,853
160 University of Alabama, The	31,847	19,486	3,308	1,941	7,112	0
Total, 1st 160 institutions	27,762,409	16,129,777	2,015,756	1,958,923	5,539,926	2,118,027
161 SUNY Hlth Sci Ctr Brklyn	31,626	22,860	229	1,787	4,094	2,656
162 U MD Ctr for Environ Sci	31,605	10,805	3,873	58	14,367	2,502
163 C R Drew U of Med & Sci	31,045	21,969	7,973	1,103	0	0
164 Saint Louis University	31,002	26,453	263	3,018	580	688
165 Loyola U of Chicago	30,034	20,695	330	1,484	4,565	2,960
166 U MD Biotechnology Inst	29,946	11,157	1,483	915	14,132	2,259
167 Univ of Montana, The	29,590	18,378	991	1,474	5,193	3,554
168 Wright State University	29,092	12,543	3,648	2,968	9,478	455
169 Boston College	27,767	16,673	1,706	1,487	4,936	2,965
170 Univ of Memphis, The	27,381	11,177	2,937	490	11,633	1,144
Total, 1st 170 institutions	28,061,497	16,302,487	2,039,189	1,973,707	5,608,904	2,137,210
171 Howard University	27,254	25,292	76	1,874	0	12
172 Michigan Tech University	27,204	16,650	870	3,834	5,046	804
173 George Mason University	26,793	20,669	1,092	630	842	3,560
174 SUNY Col Env Sci Frstry	26,663	4,332	2,665	1,914	16,889	863
175 U MD Baltimore County	26,044	20,244	1,156	2,159	2,278	207
176 U of Missouri Rolla	25,968	9,804	322	2,543	10,892	2,407
177 Desert Research Institute	25,877	19,923	1,890	844	807	2,413
178 TX A&M U Sys Hlth Sci Ctr	25,736	14,321	6,290	2,704	2,421	0
179 Lehigh University	25,506	12,726	3,819	5,636	3,041	284
180 Old Dominion University	25,058	14,908	4,313	3,533	2,304	0
Total, 1st 180 institutions	28,323,600	16,461,356	2,061,682	1,999,378	5,653,424	2,147,760
181 Drexel University	24,876	14,292	1,163	3,137	6,284	0
182 Loma Linda University	24,369	18,811	0	4,181	1,263	114
183 U of Nevada Las Vegas	24,215	13,815	3,583	2,131	4,686	0
184 Unif Svcs U of Hlth Sci	23,987	11,023	0	0	12,964	0
185 Ohio University	23,767	11,695	1,841	1,591	7,375	1,265
186 NM Inst Mining & Tech	23,636	8,652	2,133	6,373	6,187	291
187 New York Medical College	23,348	17,975	172	3,294	0	1,907
188 Eastern VA Med School	23,299	12,114	31	6,044	110	5,000
189 Colorado School of Mines	21,795	11,995	1,550	7,870	380	0
190 Florida A&M University	21,612	16,278	5,334	0	0	0
Total, 1st 190 institutions	28,558,504	16,598,006	2,077,489	2,033,999	5,692,673	2,156,337

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[Dollars in thousands]

Page 5 of 5

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191 U PR Med Sci Campus	21,373	16,657	19	954	3,565	178
192 San Jose State University	21,005e	11,825e	2,537e	4,324e	1,655e	664e
193 U TX at El Paso	20,877	16,416	2,881	941	639	0
194 U WI-Milwaukee	20,010	8,425	3,358	568	6,394	1,265
195 U of Missouri Kansas City	19,647	7,490	75	660	10,376	1,046
196 Florida Atlantic U	19,535	12,359	789	6,387	0	0
197 University of Akron	19,495	7,081	1,153	3,090	6,356	1,815
198 U MA Lowell	19,334	9,905	599	7,204	1,626	0
199 OR Grad Inst Sci & Tech	18,856	13,743	865	1,315	2,082	851
200 SUNY at Binghamton	18,661	6,319	2,746	3,327	3,961	2,308
Total, 1st 200 institutions	28,757,297	16,708,226	2,092,511	2,062,769	5,729,327	2,164,464
Total, all other sampled institutions	1,305,074	785,247	111,752	115,483	195,164	97,428

¹ Johns Hopkins University includes Applied Physics Laboratory.

KEY: e = estimated
i = imputed

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000