

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 1 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
Total, all institutions	8,838,487	9,205,188	10,055,115	10,703,981	11,442,302	12,545,142	13,554,368	14,498,688
1 U. CA Los Angeles	101,895	118,010	182,928	213,362	225,621	256,664	380,943	420,836
2 U. WI Madison	174,160	179,396	186,050	203,182	250,476	275,732	300,134	317,098
3 U. CA Davis	121,471	124,416	162,398	174,778	183,487	223,049	277,459	280,009
4 TX A&M U. all campuses	225,805	218,308	221,732	248,782	253,052	247,629	257,659	273,193
5 U. CA San Francisco	105,471	98,893	136,635	160,340	183,914	194,135	247,486	269,572
6 U. CA Berkeley	133,374	148,149	218,101	248,679	260,514	310,176	238,193	257,449
7 OH State U. all campuses	123,627	143,336	166,518	177,341	187,594	229,180	229,560	254,504
8 U. MI all campuses	167,114	187,814	187,457	185,311	174,393	187,523	204,406	229,469
9 U. CA San Diego	72,888	79,592	138,086	155,687	169,625	192,522	213,257	225,625
10 Cornell U. all campuses	136,395	136,452	145,509	159,324	160,760	180,521	203,362	225,545
Total, 1st 10 institutions	1,362,200	1,434,366	1,745,414	1,926,786	2,049,436	2,297,131	2,552,459	2,753,300
11 U. FL	119,855	168,126	178,045	168,352	182,151	193,318	212,471	219,208
12 NC State U.	111,516	116,263	159,819	174,721	204,311	200,618	203,384	214,814
13 U. IL Urbana-Champaign	107,096	123,481	130,104	158,016	172,480	179,534	195,547	212,851
14 PA State U. all campuses	143,400	147,250	154,749	176,369	180,297	201,501	212,115	208,033
15 U. GA	148,747	153,103	171,093	163,233	181,413	195,798	205,385	206,574
16 U. MN all campuses	141,705	142,252	162,946	155,582	163,623	181,422	197,722	198,964
17 LA State U. all campuses	125,267	131,804	140,184	141,838	149,977	162,226	174,286	189,435
18 Duke U.	70,177	92,604	95,642	109,856	161,517	152,445	157,024	180,177
19 U. AZ	123,560	125,652	133,057	140,329	142,119	157,929	167,644	179,055
20 Purdue U. all campuses	110,163	115,319	114,619	123,635	130,703	142,526	156,766	178,301
Total, 1st 20 institutions	2,563,686	2,750,220	3,185,672	3,438,717	3,718,027	4,064,448	4,434,803	4,740,712
21 GA Institute of Technology all campuses	106,983	109,478	127,693	145,590	150,864	178,347	162,697	174,667
22 Rutgers The State U. NJ, all campuses	119,696	117,515	114,813	127,224	138,174	145,557	159,637	167,624
23 MI State U.	104,510	105,346	107,201	112,465	118,077	141,324	153,587	167,192
24 IN U. all campuses	59,471	63,379	69,267	75,914	92,528	120,160	143,118	166,321
25 Baylor C. of Medicine	96,178	92,319	94,915	105,918	131,087	140,926	147,067	152,449
26 U. MD Baltimore	48,278	56,996	62,708	65,284	56,387	133,134	139,916	149,805
27 VA Polytechnic Institute & State U.	69,427	63,496	82,151	84,384	93,864	121,545	138,939	149,584
28 U. TX M. D. Anderson Cancer Ctr.	77,470	78,170	79,876	78,186	85,713	100,324	118,693	144,512
29 U. WA	97,876	93,777	89,175	95,900	114,547	139,720	154,523	140,214
30 U. KY all campuses	61,920	67,271	62,676	100,586	107,850	128,534	125,482	135,849
Total, 1st 30 institutions	3,405,495	3,597,967	4,076,147	4,430,168	4,807,118	5,414,019	5,878,462	6,288,929
31 U. MD College Park	115,874	117,269	112,999	93,992	112,547	115,824	121,868	130,885
32 MA Institute of Technology	97,257	109,068	99,534	102,357	111,385	119,631	131,176	125,082
33 U. PA	71,498	72,263	79,016	85,563	104,556	117,955	117,856	124,682
34 U. NE Lincoln	70,824	70,108	75,831	76,969e	94,069	98,192	113,643	120,026
35 Johns Hopkins U., The	82,638	88,349	104,715	100,637	103,938	107,890	119,505	117,725
36 IA State U.	96,166	97,010	102,495	105,570	107,122	115,582	117,172	117,245
37 U. IL Chicago	61,853	62,549	68,557	77,942	88,687	93,896	107,989	116,669
38 U. NC Chapel Hill	52,492	51,495	67,395	63,791	69,832	74,278	81,961	116,235
39 U. South FL	63,200	64,406	68,581	68,395	81,956	94,840	112,724	113,786
40 Washington U. St. Louis	62,179	63,443	75,433	82,377	97,008	108,068	121,714	113,519
Total, 1st 40 institutions	4,179,476	4,393,927	4,930,703	5,287,761	5,778,218	6,460,175	7,024,070	7,484,783

See explanatory information and SOURCE at end of table.

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 2 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
41 Stanford U.	45,714	56,153	63,038	67,883	72,602	90,739	98,438	111,854
42 SUNY Buffalo all campuses	68,055	49,888	57,571	75,613	81,333	91,282	90,234	110,893
43 U. TX Southwestern Medical Ctr. Dallas	46,409	48,694	51,232	56,511	63,524	80,051	90,556	108,700
44 U. IA	61,778	72,582	75,880	83,751	84,497	96,180	100,099	108,065
45 U. Southern CA	58,553	64,977	67,437	78,259	81,122	89,573	94,390	105,752
46 Northwestern U.	83,344	86,452	92,651	95,324	101,162	95,536	99,804	103,547
47 Wayne State U.	59,894	65,887	70,676	80,810	89,222	92,494	96,536	103,097
48 U. TX Austin	84,737	93,798	87,067	79,761	93,209	93,922	99,920	101,808
49 U. OK all campuses	65,225	66,392	68,631	72,410	84,496	90,360	88,431	99,985
50 U. TN system	75,022	75,607	80,181	80,901	88,743	91,631	83,287	99,917
Total, 1st 50 institutions	4,828,207	5,074,357	5,645,067	6,058,984	6,618,128	7,371,943	7,965,765	8,538,401
51 U. MO-Columbia	90,450	80,141	84,843	90,613	95,127	93,441	106,347	99,269
52 Rockefeller U.	60,355	68,226	66,020	71,649	76,509	78,927	90,209	99,044
53 U. CA Irvine	40,253	46,653	55,376	63,813	66,337	70,163	78,131	93,921
54 U. Pittsburgh all campuses	41,970	39,866	41,700	45,331	54,859	66,654	80,221	93,287
55 U. KS all campuses	58,493	58,791	62,160	66,548	75,480	79,720	81,973	89,468
56 U. of Medicine and Dentistry NJ	50,631	51,030	52,912	54,663	64,547	65,633	76,363	87,921
57 Clemson U.	54,149	56,727	55,942	61,951	72,277	83,599	75,325	87,666
58 Emory U.	55,454	53,931	55,097	54,839	56,354	61,156	66,680	85,155
59 MS State U.	38,987	49,487	49,229	58,406	64,368	78,695	81,446	81,131
60 Yale U.	56,951	57,907	56,412	57,634	60,646	64,687	70,812	79,939
Total, 1st 60 institutions	5,375,900	5,637,116	6,224,758	6,684,431	7,304,632	8,114,618	8,773,272	9,435,202
61 U. CA Riverside	37,412	43,768	51,480	56,776	55,827	62,495	68,742	79,631
62 U. CT all campuses	89,860	94,513	91,337	81,259	79,490	94,940	94,353	78,677
63 SUNY Stony Brook all campuses	46,106	46,807	50,056	50,235	55,045	66,666	75,222	75,923
64 U. UT	22,088	20,635	36,589	42,234	42,127	63,317	70,344	74,082
65 NY U.	55,176	55,864	59,171	55,026	56,055	65,042	60,825	72,983
66 OR State U.	54,715	51,357	51,336	55,824	57,636	60,353	69,071	70,052
67 U. SC all campuses	35,418	27,350	40,850	50,199	57,345	52,526	57,990	69,705
68 U. Cincinnati all campuses	36,052	55,190	63,312	69,388	52,677	61,610	64,846	67,573
69 Princeton U.	40,254	42,994	44,882	46,991	51,263	60,194	70,791	66,684
70 Auburn U. all campuses	58,022	55,957	58,048	60,062	53,486	61,097	66,250	66,343
Total, 1st 70 institutions	5,851,003	6,131,551	6,771,819	7,252,425	7,865,583	8,762,858	9,471,706	10,156,855
71 U. Rochester	32,642	31,981	36,834	43,844	44,274	46,742	67,316	66,303
72 CO State U.	46,956	51,771	49,187	59,728	58,338	50,850	59,836	66,195
73 Harvard U.	72,457	79,396	77,349	54,224	60,174	60,111	71,693	64,760
74 FL State U.	40,113	38,598	42,963	44,012	42,007	48,265	56,742	63,895
75 OK State U. all campuses	56,955	57,926	41,025	48,246	59,929	63,515	64,675	63,887
76 KS State U.	45,837	46,453	51,115	54,232	57,478	60,605	60,032	62,816
77 Mt. Sinai School of Medicine	33,017	30,806	33,862	39,453	43,141	51,658	67,602	59,356
78 U. CO all campuses	74,266	73,784	77,615	82,861	73,932	53,241	56,829	59,352
79 AZ State U. main campus	41,794	45,706	43,040	50,660	53,279	58,182	62,147	58,609
80 Medical U. SC	21,078	13,789	19,321	21,467	24,822	23,811	56,144	56,227
Total, 1st 80 institutions	6,316,118	6,601,761	7,244,130	7,751,152	8,382,957	9,279,838	10,094,722	10,778,255

See explanatory information and SOURCE at end of table.

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 3 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
81 WA State U.	47,767	49,834	52,670	50,912	52,333	56,355	59,277	56,109
82 U. AR main campus	42,179	43,734	49,096	55,530	45,734	50,039	55,131	55,475
83 TX Tech U.	29,374	29,987	31,744	35,645	38,246	44,783	46,951	54,583
84 U. MA Amherst	33,956	35,709	44,886	46,774	46,699	52,195	48,400	54,562
85 U. CA Santa Barbara	15,294	17,884	26,234	27,354	30,535	37,400	39,544	53,425
86 U. TX Medical Branch Galveston	39,365	35,436	35,677	37,900	38,519	36,539	38,040	51,434
87 U. HI Manoa	34,191	44,300	47,686	61,121	63,392	65,881	59,260	50,941
88 ND State U. all campuses	28,993	31,978	28,765	30,220	32,388	34,600	49,675	50,691
89 Carnegie-Mellon U.	40,901	44,684	43,427	42,404	51,766	46,789	47,419	50,224
90 U. Miami	31,625	33,340	34,372	35,480	37,725	39,162	41,969	50,148
Total, 1st 90 institutions	6,659,763	6,968,647	7,638,687	8,174,492	8,820,294	9,743,581	10,580,388	11,305,847
91 U. AK Fairbanks all campuses	34,931	41,030	42,816	44,101	54,178	55,895	54,908	50,110
92 Columbia U. in the City of New York	38,496	40,751	32,157	37,284	39,429	36,530	36,569	48,654
93 U. NM all campuses	38,457	39,768	39,174	41,545	30,874	33,538	47,114	46,346
94 U. TX Health Science Ctr. San Antonio	32,903	31,825	32,541	30,403	30,900	38,573	44,001	45,855
95 VA Commonwealth U.	29,835	33,564	33,966	32,371	31,610	36,083	41,865	44,591
96 U. ID	34,290	39,717	40,166 i	40,615	38,268	38,333	40,948	43,293
97 Yeshiva U.	22,607 e	18,034	18,883	19,000	22,091	37,987	40,430	42,856
98 Southern IL U. Carbondale	19,531	19,742	21,411	22,689	25,509	26,224	32,339	42,815
99 U. NE Medical Ctr.	24,912	28,583	31,375	34,790	37,038	31,669	38,198	42,398
100 U. NH	21,476	22,388	21,758	26,446	27,027	33,187	42,656	42,393
Total, 1st 100 institutions	6,957,201	7,284,049	7,952,934	8,503,736	9,157,218	10,111,600	10,999,416	11,755,158
101 UT State U.	34,037	37,945	41,698	39,325	40,931	45,783	47,108	42,228
102 U. Louisville	13,053	16,349	19,913	24,080	41,515	46,349	47,741	41,996
103 U. Chicago	21,674	21,570	28,848	25,653	27,085	29,806	38,559	41,434
104 Brown U.	18,837	25,482	27,747	29,565	31,054	31,533	33,269	41,267
105 U. TX Houston Health Science Ctr.	19,902	21,347	28,433	31,547	34,019	39,922	36,894	39,704
106 Dartmouth C.	11,466	13,263	18,465	19,911	22,781	22,505	39,252	39,584
107 San Diego State U.	18,851	26,020	20,349	22,194	25,855	32,200	34,711	39,079
108 U. AL Birmingham, The	51,339	44,389	53,257	60,890	66,892	58,152	37,077	38,832
109 U. MA Worcester	25,471	23,143	27,996	29,184	27,524	33,375	31,768	38,737
110 U. ME	16,112	18,473	18,078	20,078	22,289	30,409	40,197	38,417
Total, 1st 110 institutions	7,187,943	7,532,030	8,237,718	8,806,163	9,497,163	10,481,634	11,385,992	12,156,436
111 MT State U.-Bozeman	30,765	32,430	29,733	28,310	29,244	34,760	34,736	38,225
112 Tulane U.	39,394	33,940	36,719	34,934	36,545	37,705	44,092	38,174
113 U. CA Santa Cruz	18,251	19,335	25,423	26,652	27,818	30,253	35,052	38,066
114 Case Western Reserve U.	33,897	33,534	40,833	44,056	42,154	42,471	39,401	37,154
115 U. DE	25,809	24,645	33,064	36,208	38,893	36,995	35,661	36,974
116 U. Central FL	17,070	2,774	25,231	22,028	26,418	33,845	56,945	36,422
117 Tufts U.	26,612	25,848	28,147	30,963	38,036	41,106	34,137	36,055
118 NJ Institute of Technology	15,831	18,549	17,441	19,855	19,855	30,514	25,647	35,783
119 WV U.	22,814	24,044	33,869	37,377	37,128	38,117	41,871	35,591
120 Vanderbilt U.	19,039	21,319	23,854	28,889	32,788	41,940	40,274	35,447
Total, 1st 120 institutions	7,437,425	7,768,448	8,532,032	9,115,435	9,826,042	10,849,340	11,773,808	12,524,327

See explanatory information and SOURCE at end of table.

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 4 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
121 U. LA Lafayette	11,109	10,493	17,682	18,934	21,305	20,528	19,943	34,871
122 Rush U.	26,198	26,292	25,587	26,833	29,838	35,616	32,918	34,638
123 NM State U. all campuses	24,245	22,941	23,859	20,783	23,002	22,622	25,839	32,764
124 U. VT	21,133	22,138	25,484	26,372	27,964	23,530	26,787	30,322
125 U. VA all campuses	51,435	22,078	31,597	39,962	23,282	24,732	26,679	29,982
126 OR Health Sciences U.	25,297	28,995	29,682	27,228 i	24,774 i	22,321	25,114	28,498
127 Medical C. GA	20,362	24,633	26,821	26,679	27,112	30,386	31,075	28,388
128 U. Houston	22,360	23,730	24,221	20,279	22,927	27,537	29,691	28,252
129 George Washington U.	15,457	18,773	20,976	29,409	16,813	19,673	22,048	27,559
130 TX A&M U. System Health Science Ctr.	--	--	--	--	--	11,415	22,475	27,219
Total, 1st 130 institutions	7,655,021	7,968,521	8,757,941	9,351,914	10,043,059	11,087,700	12,036,377	12,826,820
131 SUNY Albany	14,303	17,852	16,225	16,674	18,036	20,733	23,448	26,996
132 U. NV, Reno	25,406	27,006	31,890	25,093	23,352	29,981	27,843	26,763
133 GA State U.	11,590	12,296	19,525	19,869	22,213	24,510	25,385	25,597
134 U. MD Ctr. for Environmental Science	15,148	15,450	15,137	16,598	18,700	20,800	24,530	25,421
135 U. MD Biotechnology Institute	11,025	15,404	20,398	20,072	17,261	18,789	21,405	23,837
136 Thomas Jefferson U.	16,370	17,679	20,137	17,732	22,041	22,178	24,055	23,757
137 C. of William and Mary all campuses	8,866	12,163	13,140	14,869	19,430	20,268	20,541	21,851
138 SUNY C. of Environmental Science & Forestry	18,718 i	18,948	17,850	19,321	21,511	22,331	23,499	21,707
139 U. WY	25,097	25,562	32,750	30,694	28,088	26,538	21,615	21,615e
140 Woods Hole Oceanographic Institution	7,476	11,195	11,021	10,246	12,188	14,511	15,359	21,506
Total, 1st 140 institutions	7,809,020	8,142,076	8,956,014	9,543,082	10,245,879	11,308,339	12,264,057	13,065,870
141 Boston U.	20,236	22,320	22,870	25,626	17,712	20,299	21,260	21,174
142 Medical C. WI	13,071	12,838	12,265	12,190	14,359	15,547	19,854	20,459
143 CA Institute of Technology	17,293	14,531	13,663	7,318	16,913	25,789	21,531	20,060
144 Wake Forest U.	17,669	19,486	21,003	20,188	22,534	21,255	20,322	19,896
145 U. Memphis, The	10,077	13,475	15,858	16,637	17,916	16,204	18,433	19,553
146 Rensselaer Polytechnic Institute	12,997	13,169	16,018	16,786	16,231	15,207	19,116	19,465
147 Temple U.	26,439	27,813	28,126	34,231	24,206	14,253	18,539	19,273
148 U. of Notre Dame	5,908	5,670	4,943	5,820	6,869	7,162	16,295	19,086
149 OH U. all campuses	12,126	10,283	11,218	11,146	10,893	12,072	14,248	18,924
150 U. Akron all campuses	11,358	10,714	12,853	12,284	9,139	12,414	13,594	18,543
Total, 1st 150 institutions	7,956,194	8,292,375	9,114,831	9,705,308	10,402,651	11,468,541	12,447,249	13,262,303
151 Uniformed Services U. of the Health Sciences	13,754	12,230	9,594	12,762	13,202	12,964	13,142	18,336
152 Brandeis U.	13,710	13,527	14,912	16,491	18,882	21,214	22,787	18,116
153 U. MS all campuses	9,396	10,644	10,535	11,616	13,076 i	16,820	17,181 i	17,746 i
154 U. AR for Medical Sciences	12,272	16,558	18,087	17,630	17,674	19,112	17,702	17,555
155 NM Institute of Mining and Technology	11,137	13,375	11,478	13,832	15,342	14,984	15,137	17,445

See explanatory information and SOURCE at end of table.

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 5 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
156 U.S. Air Force Academy	52 i	78 i	104 i	130	62	46	314	17,426
157 U. MT, The	8,732	9,830	9,597	8,385	9,745	11,212	14,341	16,755
158 U. MO-Rolla	15,386	12,693	12,815	13,806	17,162	16,164	16,870	16,473
159 U. Toledo	4,249	4,674e	5,792	6,146	6,137	7,382	9,577	15,829
160 FL International U.	3,345	3,441	3,531	3,637	9,304	14,353	20,351	15,597
Total, 1st 160 institutions	8,048,227	8,389,425	9,211,276	9,809,743	10,523,237	11,602,792	12,594,651	13,433,581
161 Eastern VA Medical School	7,999	7,527	8,491	12,223	12,742	11,185	14,861	15,495
162 Wright State U. all campuses	9,042	7,879	7,290	8,844	10,766	16,549	16,616	14,892
163 U. TX Dallas	7,623 i	7,979	7,842	7,096	8,328	8,635	8,635e	14,574
164 Northeastern U.	2,737	3,274	3,501	4,931	7,433	8,424	10,935	14,245
165 Drexel U.	9,945	7,709	8,722	8,674	9,483	10,584	7,539	14,233
166 U. WI Milwaukee	11,935	11,653	11,839	11,871	12,135	11,585	12,403	13,472
167 CO School of Mines	7,738 i	9,757	9,891	11,987	11,011	9,800	11,340	13,285
168 U. MO-Kansas City	7,221	7,510	6,354	6,676	7,125	12,157	10,619	13,265
169 Syracuse U. all campuses	14,598	15,961	10,862	8,122	9,590	10,443	12,440	13,166
170 U. AL Huntsville, The	11,319	12,035	11,086	13,174	15,037	15,335	13,106	12,693
Total, 1st 170 institutions	8,138,384	8,480,709	9,297,154	9,903,341	10,626,887	11,717,489	12,713,145	13,572,901
171 Southern IL U. Edwardsville	1,260 i	1,080 i	900 i	722	1,169	1,144	959	12,630
172 Creighton U.	6,562	6,595	7,998	10,915	11,086	10,300	10,399	12,388
173 SUNY Binghamton	11,447	12,839	13,092	14,549	12,237	12,342	12,600	12,384
174 Wichita State U.	7,140	7,708	9,195	10,471	11,295	10,985	10,416	12,155
175 Old Dominion U.	6,471	8,311	7,847	7,804	9,324	10,150	9,379	12,053
176 MI Technological U.	9,991	11,279	11,199	12,584	11,967	10,554	11,993	12,032
177 CUNY Hunter C.	6,269	8,938	7,142	7,083	8,408	6,397	9,042	11,332
178 MCP Hahnemann U.	17,332	21,067	37,686	34,882	10,235	14,291	9,518	11,326
179 U. PR Mayaguez Campus	22,345	24,934	27,805	29,278	31,864	22,846	9,612	11,074
180 Institute of Paper Science and Technology	7,299	9,489 i	11,678e	11,678e	7,135e	7,135e	10,982	10,982e
Total, 1st 180 institutions	8,234,500	8,592,949	9,431,696	10,043,307	10,741,607	11,823,633	12,808,045	13,691,257
181 SD State U.	7,826	9,425	10,021	9,819	9,513	9,336	11,261	10,970
182 U. AL, The	11,243	9,568	10,553	9,026	11,308	12,361	10,950	10,230
183 Loyola U. (Chicago, IL)	12,889 i	12,534	16,223	16,556	11,413	9,339	10,682	9,929
184 Charles R. Drew U. of Medicine & Science	2,000	1,098	1,153e	1,153e	2,272	9,076	9,302	9,580
185 FL A&M U.	1,367	2,356	2,868	3,340	929	5,334	1,388	9,555
186 SUNY Health Science Ctr. Brooklyn	12,407	11,569 i	10,731	9,199	7,787	8,766	8,766e	9,486 i
187 Georgetown U.	28,093	30,878	34,916	31,810	27,454	34,375	5,602	9,363
188 Miami U. all campuses	4,823	6,214	6,768	4,051	7,662	8,000	9,480	9,258
189 San Jose State U.	9,180 i	9,180 i	9,180 i	9,180e	9,180e	9,180e	8,408	9,226
190 Cleveland State U.	7,039	7,168 i	7,296e	7,515e	8,238e	6,896	9,000	9,206
Total, 1st 190 institutions	8,331,367	8,692,939	9,541,405	10,144,956	10,837,363	11,936,296	12,892,884	13,788,060

See explanatory information and SOURCE at end of table.

TABLE B-34. Non-Federal R&D expenditures at universities and colleges, ranked by fiscal year 2002 non-Federal R&D expenditures: fiscal years 1995--2002

(Dollars in thousands)

Page 6 of 6

Institution and ranking	1995	1996	1997	1998	1999	2000	2001	2002
191 Lehigh U.	13,707	12,371	11,569	13,096	14,741	12,780	15,097	9,168
192 Western MI U.	6,280	6,270	6,417	7,509	9,562	9,646	8,784	9,110
193 U. ND all campuses	2,783	4,212	3,124	3,534	3,384	3,463	3,949	8,969
194 Boston C.	3,308	3,367	3,539	4,996	7,234	11,094	10,645	8,927
195 SUNY Upstate Medical U.	6,323	7,329	7,726	7,602	7,210	8,634	8,479	8,922
196 IL Institute of Technology	2,804	4,817	4,514	4,067	3,661	2,808	3,805	8,632
197 LA Tech U.	1,757 i	1,705	3,539 i	5,372	5,372e	7,593	7,744	8,623
198 Rice U.	8,017	6,458	5,666	6,295	6,057	6,696	6,993	8,430
199 FL Atlantic U.	4,133	4,076	2,868	4,683	6,115	7,176	11,012	8,429
200 Brigham Young U. all campuses	5,487	3,039e	2,279e	2,269	12,571	6,859	7,512	8,328
Total, 1st 200 institutions	8,385,966	8,746,583	9,592,646	10,204,379	10,913,270	12,013,045	12,976,904	13,875,598
Total, all other sampled institutions	452,521	458,605	462,469	499,602	529,032	532,097	577,464	623,090

-- = not available.

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 2002.