

**Table B-12. R&D expenditures at private universities and colleges, by source of funds and science and engineering field: fiscal years 1993-2000**

[Dollars in thousands]

Source and field	1993	1994	1995	1996	1997	1998	1999	2000
<b>Total</b> .....	<b>6,574,048</b>	<b>6,910,308</b>	<b>7,215,225</b>	<b>7,453,729</b>	<b>7,940,213</b>	<b>8,370,542</b>	<b>8,863,769</b>	<b>9,544,935</b>
	<b>Source of funds</b>							
Federal Government .....	4,784,429	5,009,911	5,227,822	5,370,625	5,739,611	6,073,862	6,379,883	6,855,593
State and local government .....	142,471	149,369	176,939	161,172	167,502	170,672	176,924	194,927
Industry .....	465,734	475,528	485,663	528,813	560,891	608,534	692,941	731,722
Institutional funds .....	607,309	636,344	659,788	751,214	808,749	786,220	835,027	932,039
All other sources .....	574,105	639,156	665,013	641,905	663,460	731,254	778,994	830,654
	<b>Field</b>							
Engineering .....	1,043,106	1,067,544	1,073,948	1,119,151	1,152,153	1,202,644	1,213,806	1,261,692
Aeronautical and astronomical .....	86,912	93,201	97,699	94,266	92,455	94,682	71,843	73,284
Bioengineering/bio-medical .....	--	--	--	--	24,564	39,855	57,494	67,184
Chemical .....	87,997	88,305	91,355	90,371	79,638	81,887	94,274	103,062
Civil .....	67,126	68,462	69,269	72,960	72,328	69,015	81,608	87,193
Electrical .....	279,267	278,620	279,063	302,901	315,854	328,151	303,775	327,204
Mechanical .....	189,612	197,410	174,486	169,760	185,420	199,757	210,489	213,117
Metallurgical and materials .....	78,375	71,367	76,752	89,757	99,419	109,677	106,301	103,506
Other, n.e.c. ....	253,817	270,179	285,324	299,136	282,475	279,620	288,022	287,142
All sciences .....	5,530,942	5,842,764	6,141,277	6,334,578	6,788,060	7,167,898	7,649,963	8,283,243
Physical sciences .....	750,547	763,888	789,242	811,375	868,355	895,656	927,061	907,578
Astronomy .....	83,924	82,003	89,975	88,887	99,472	95,837	153,615	142,043
Chemistry .....	240,998	245,738	249,261	259,649	262,416	287,643	295,133	287,271
Physics .....	368,002	381,302	393,694	395,142	430,031	430,816	393,859	397,517
Other, n.e.c. ....	57,623	54,845	56,312	67,697	76,436	81,360	84,454	80,747
Environmental sciences .....	286,092	296,394	298,180	295,238	307,153	340,355	333,780	340,918
Atmospheric .....	35,000	38,334	32,154	31,602	32,455	41,074	51,555	53,640
Earth sciences .....	101,826	110,610	113,092	114,685	114,883	132,631	123,733	115,304
Oceanography .....	85,021	53,557	50,159	49,688	49,345	55,467	91,329	89,542
Other, n.e.c. ....	64,245	93,893	102,775	99,263	110,470	111,183	67,163	82,432
Mathematical sciences .....	114,487	114,070	110,238	113,849	111,191	114,151	118,127	126,242
Computer sciences .....	313,431	321,196	341,680	353,681	359,671	347,627	371,840	352,012
Life sciences .....	3,621,343	3,878,649	4,115,846	4,281,119	4,604,575	4,954,874	5,358,567	5,981,003
Agricultural sciences .....	47,454	54,227	55,164	52,012	60,454	65,030	56,382	61,337
Biological sciences .....	1,297,124	1,369,242	1,422,752	1,450,257	1,558,589	1,692,038	1,834,629	2,028,424
Medical sciences .....	2,094,506	2,254,346	2,430,995	2,574,774	2,769,723	2,976,768	3,236,015	3,633,266
Other, n.e.c. ....	182,259	200,834	206,935	204,076	215,809	221,038	231,541	257,976
Psychology .....	106,807	103,985	101,682	100,882	97,541	111,163	119,743	135,147
Social sciences .....	232,532	247,554	255,029	256,457	271,179	258,011	280,021	297,148
Economics .....	44,107	44,858	42,916	45,830	53,954	53,025	48,936	49,311
Political science .....	63,122	63,836	64,852	66,463	64,578	66,054	77,931	87,873
Sociology .....	48,486	51,096	49,157	54,626	60,322	58,018	68,840	78,352
Other, n.e.c. ....	76,817	87,764	98,104	89,538	92,325	80,914	84,314	81,612
Other sciences, n.e.c. ....	105,703	117,028	129,380	121,977	168,395	146,061	140,824	143,195

**KEY:** -- = not available  
n.e.c. = not elsewhere classified

**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