

Table B-4. Federally financed R&D expenditures at universities and colleges, by science and engineering field: fiscal years 1993-2000

[Dollars in thousands]

Field	1993	1994	1995	1996	1997	1998	1999	2000
Total	11,956,290	12,645,720	13,327,508	13,835,232	14,308,570	15,143,938	16,069,908	17,493,473
Engineering	1,857,974	1,993,364	2,101,658	2,232,190	2,255,827	2,353,658	2,439,180	2,562,937
Aeronautical and astronautical	159,839	165,385	183,653	171,164	183,266	170,689	182,925	176,037
Bioengineering/bio- medical	--	--	--	--	47,517	56,635	72,159	90,247
Chemical	142,815	150,495	161,116	173,768	165,854	169,272	178,837	194,694
Civil	154,325	163,739	185,891	197,733	200,346	197,073	216,322	232,130
Electrical	458,418	490,107	543,643	599,803	624,252	692,537	649,882	694,518
Mechanical	310,007	327,760	339,620	334,903	322,449	350,725	387,850	382,391
Metallurgical and materials	150,438	155,563	175,505	190,452	222,452	221,684	217,316	225,930
Other, n.e.c.	482,132	540,315	512,230	564,367	489,691	495,043	533,889	566,990
All sciences	10,098,316	10,652,356	11,225,850	11,603,042	12,052,743	12,790,280	13,630,728	14,930,536
Physical sciences	1,512,719	1,562,755	1,637,060	1,629,535	1,682,429	1,760,874	1,860,139	1,912,089
Astronomy	165,031	180,929	206,925	182,296	182,910	187,859	277,225	281,723
Chemistry	505,257	517,662	532,964	553,355	551,381	586,612	615,896	628,716
Physics	708,167	727,293	761,639	757,124	803,085	817,724	862,347	896,080
Other, n.e.c.	134,264	136,871	135,532	136,760	145,053	168,679	104,671	105,570
Environmental sciences	870,282	943,510	961,187	1,005,793	1,011,715	1,075,796	1,101,125	1,131,279
Atmospheric	160,633	161,315	163,649	175,948	186,613	209,537	222,504	222,891
Earth sciences	243,529	270,767	273,124	267,300	268,439	311,579	320,667	330,052
Oceanography	329,612	323,100	331,486	371,361	355,438	362,129	405,183	421,291
Other, n.e.c.	136,508	188,328	192,928	191,184	201,225	192,551	152,771	157,045
Mathematical sciences	203,122	205,177	204,752	208,010	202,009	214,081	209,158	228,694
Computer sciences	423,319	461,756	483,318	501,460	506,213	513,129	582,284	581,549
Life sciences	6,387,041	6,736,502	7,112,043	7,403,492	7,761,199	8,330,474	8,942,577	10,059,880
Agricultural sciences	450,030	493,131	531,437	559,571	548,291	533,362	545,681	578,511
Biological sciences	2,310,849	2,436,941	2,488,609	2,528,195	2,682,421	2,935,471	3,214,457	3,646,207
Medical sciences	3,369,501	3,537,413	3,826,902	4,023,857	4,226,893	4,559,251	4,861,219	5,443,674
Other, n.e.c.	256,661	269,017	265,095	291,869	303,594	302,390	321,220	391,488
Psychology	234,389	240,531	248,771	258,378	271,343	298,606	309,318	350,024
Social sciences	338,321	358,366	387,839	422,917	408,768	425,432	472,009	490,137
Economics	77,304	76,271	80,020	90,645	89,784	92,222	89,975	89,046
Political science	42,828	49,844	59,648	62,247	51,766	53,112	54,067	61,892
Sociology	91,108	96,190	104,412	118,951	120,562	118,930	122,105	136,991
Other, n.e.c.	127,081	136,061	143,759	151,074	146,656	161,168	205,862	202,208
Other sciences, n.e.c.	129,123	143,759	190,880	173,457	209,067	171,888	154,118	176,884

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